

Since 1978



Run with Us!

RhinoCo[®]
TECHNOLOGY

Electronic Security & Communication



PRODUCT CATALOGUE



- CCTV SURVEILLANCE PRODUCTS
- HOME & COMMERCIAL ALARMS
- ACCESS CONTROL SYSTEMS
- ENERGY SAVING DEVICES

- CAR ALARMS & IMMOBILISERS
- GPS TRACKING
- BUSINESS PHONE SYSTEMS
- POWER SUPPLIES & CABLES

WHY RHINO?

RhinoCo Technology has been an integral part of the electronic security industry since 1978.

Our company is proudly Australian-owned and still growing after 32 years in business. We have become best known over the years for our world renowned Rhino™ brand of vehicle security systems, our Watchguard™ brand of wireless security and surveillance systems, our Securview™ range of professional video surveillance equipment and our EasyPBX™ business phone systems.

Since 1978 we have been designing "in-house" our own range of electronic security products. We have a team of dedicated hardware and software engineers that focus on key product areas.

Manufacturing:

For over thirty years we have manufactured in Australia using advanced techniques. In fact, RhinoCo Technology was one of the first in Australia to adopt surface-mount production technology. The desire to export products worldwide at competitive prices has changed our manufacturing process. Now the majority of our low end production is undertaken by our ISO9001 quality certified factories in Taiwan & China.

OEM Engineering & Contract Manufacturing:

We have produced many OEM designs for numerous clients over the years, particularly in the areas of wireless radio interfaces, vehicle security systems and wireless video transmission. We have supplied complete wireless add-on alarm solutions for major alarm control panel manufacturers, designed custom vehicle security systems for armoured vehicle fleets, control panel wireless interfaces and wireless digital video transmission equipment, to name a few.

Procurement / Customised Product Solutions:

As well as our own designed and produced products, we have established long-term relationships with key electronic security and technology suppliers around the world. Due to our vast range and experience in almost all areas of electronic security, we are often called upon to develop customised solutions. Do you have a mobile video surveillance solution with online GPS tracking, integrated alarm/immobiliser and wireless duress button? Or can you supply a completely wireless, multi-channel, solar powered, wireless digital CCTV solution with remote access? Whatever our client requirements, we will strive to provide the winning solution.

Worldwide Sales & Distribution:

In Australia we have a large customer base of industry trade professionals, government departments and major retailers. Our product range caters for these distinct markets.

Outside Australia we have established our own branch offices in the United Kingdom, Italy and South Africa to market and distribute our range. We are able to ship factory direct worldwide to enable us to be highly competitive in the markets we choose to enter.

The Future:

This year we celebrate our 32nd year in the electronic security industry - no small feat in this highly competitive market!

We aim to be more than your average electronic security wholesaler/distributor and will strive to be an engineering design house at your service.

We look forward to continually expanding our business both locally and internationally and we will always endeavour to support you, our valued customer, with the largest range of leading-edge, value for money products with the best technical support in the industry.

Let us prove it to you!



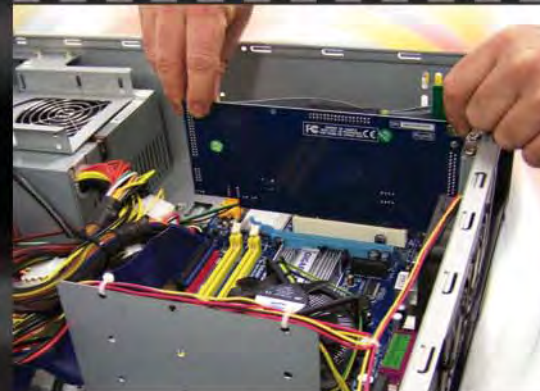
Security Master Licence: 407530935

Due to continual product advancement, specifications and appearance are subject to change without notice.

©2010 RhinoCo Technology.



We are A Lot More Than Your Average Electronic Security Wholesaler/Distributor



We Are Your Engineering Design House Product Development Services Available



CCTV SURVEILLANCE PRODUCTS

7

- Surveillance Cameras & Accessories
- Digital Video Recorders
- Monitors & Rack Mount Solutions
- Networking & Wireless Transmissions



HOME & BUSINESS - SECURITY & SAFETY PRODUCTS

60

- Packaged Surveillance Kits
- Replica (Dummy) Security Products
- Alarm Systems & Accessories
- Fire Safety Products
- Electronic Article Surveillance
- Universal Transmitters & Receivers
- Energy Saving Devices (ENSA)



VEHICLE SAFETY & SECURITY

81

- Vehicle Alarms Immobilisers & Accessories
- Reversing Aids
- Vehicle & Personal Tracking
- Mobile Digital Video Recorders



POWER SUPPLIES, CABLES, CONNECTORS & ACCESSORIES

95

- Batteries & AC/DC Power Supplies
- Uninterruptible Power Supplies
- Cables & Leads
- Connectors & Video Baluns
- Tools
- Remote Controls
- Protection Equipment



BUSINESS PHONE SYSTEMS

107

- Business Phone System Package
- Business Phone System Components



ACCESS CONTROL

111

- Samsung Ezon Digital Door Lock
- Samsung Ezon Intercom System
- Intercom Packages
- Intercom Accessories

RHINO'S LATEST PRODUCTS



3



1



2



4



6



5



1. Watchguard HD NVR Kit (see p.40)
2. Vehicle Driving Recorder System with inbuilt GPS Module (see p.90)
3. Watchguard Alarm Panels (see p.74)
4. Watchguard SMS 2010 Wireless Alarm System with SMS Messaging (see p.66)
5. Exacqvision Hybrid and IP NVR Systems (see p.34)
6. Arecont Vision Megapixel IP Cameras (see p.18)



Professional CCTV Products



SURVEILLANCE CAMERAS & ACCESSORIES

Samsung Techwin Cameras	8
Securview XR Series & Securview Cameras	12
Arecont Vision Cameras	18
Test Equipment	20
Camera Lenses	21
Brackets and Housings	22
Camera Accessories	24



DIGITAL VIDEO RECORDERS & ACCESSORIES

Stand Alone DVR	25
Linux Based DVRs	38
Securview Exacqvision DVR	34
Securview NUUO	38



MONITORS & RACKMOUNT PRODUCTS

DVR & Video Surveillance Accessories.....	50
DVR & PC Display Monitors	51
LCD Televisions & Monitors.....	52
TFT/LCD Monitor Brackets.....	53



NETWORKING PRODUCTS

Networking Products & Video Web Servers.....	53
--	----



WIRELESS TRANSMISSION PRODUCTS

2.4GHz Wireless Transmission	56
5.8GHz Wireless Transmission	57
Wireless Transmission Accessories	58
Solar Powered Wireless Transmission	59

SAMSUNG

SAMSUNG TECHWIN



Professional Video Security Solutions

SAMSUNG DIGITAL SECURITY SYSTEMS



SAMSUNG

SAMSUNG TECHWIN



3
Year
Warranty

DIGITAL CCTV CAMERAS

NOW AVAILABLE FROM RHINOCO TECHNOLOGY

RhinoCo Technology are proud to announce that we can now offer you Samsung Techwin's full range of CCTV Cameras at extremely competitive prices. Samsung Techwin is the premiere range of professional grade CCTV products from Samsung. For full details please visit www.rhino.com.au and click on the Samsung link or call one of our sales offices.

A dedicated and specialised CCTV division of Samsung Corporation, Samsung Techwin is a world leader in economical professional CCTV solutions for all applications. Boasting state-of-the-art technologies from Samsung's optical and electronics divisions, and of its comprehensive business involvement in the global security industry, the Samsung Techwin range of CCTV equipment is constantly contributing to the advancement of surveillance technology.

With the leading optics and digital imaging technology, Samsung Techwin has constantly developed and produced various security and surveillance equipments of highest quality to meet the demands of continuous 24-hour security surveillance. Now, surveillance technology of Samsung Techwin is opening up a whole new world of exciting possibilities, and bringing the future a little closer each day!

SV IV

Breakthrough Technology

The next generation DSP



The SV IV is the latest fourth-generation chips in the Super Vision series which has been independently developed by Samsung Techwin using super-precision image analysis techniques and three dimensional noise reduction technology (SSNR II)

SAMSUNG CAMERAS (COLOUR)



SAMSUNG
SAMSUNG TECHWIN



Samsung Techwin High-Resolution Black IR LED Vandal-Proof Camera - 600TVL

Designed for use in all sorts of outdoor applications, the VSSAM-SIR4260V is a high resolution IR LED camera that can capture images within 30 metres in extremely low or no lighting using its built-in black IR LED lamps. The rugged dome exterior sports superior physical shock resistance against accidents and vandals. The embedded Samsung Techwin DSP W-V chipset allows the VSSAM-SIR4260V to utilise stable and precise image processing, delivering high-quality images with a colour resolution of 600TVL. When in IR mode, the SIR4260V suppresses image blur with an IR LED Lamp in B&W mode, ensuring it produces clear images when shooting close objects.

Image Sensor	1/3" Sony HAD colour CCD
Horizontal Resolution	600TVL
Lens	2.8~10mm Vari-Focal (F1.2)
Minimum Illumination	0.15Lux@F1.2, 0.0003Lux (Sens-Up)
Power	Dual Voltage 12VDC/24VAC
Dimensions	148 (Dia) x 126 (H)mm

Part No.

VSSAM-SIR4260V



SAMSUNG
SAMSUNG TECHWIN



SVIV SSNR II

Samsung Techwin 1/3" 580TVL High Resolution Day & Night Mini Dome Camera

New from Samsung Techwin, the VSSAM-SID47P redefines what features and performance you should come to expect from a fixed mini-dome camera. Using the 4th generation W-IV DSP, these powerful dome cameras feature 580TV Lines of horizontal colour resolution. Features which have become a staple of the Samsung Techwin range such as digital image stabilisation (DIS) and 3D digital noise filtering come standard in the VSSAM-SID47P, making it the most cost effective and powerful mini dome in it's class.

Image Sensor	1/3" Super HAD CCD
Horizontal Resolution	580TV Lines (Colour)/700TV Lines (B&W)
Lens	Built-in auto iris 3.7mm fixed lens
Minimum Illumination	0.15Lux(50IRE @F1.2), 0.0006Lux (Sens-Up, x256)
Power	24V AC / 12V DC
Dimensions	107.6(Diam.) x 83.7(H) mm

Part No.

VSSAM-SID47



SAMSUNG
SAMSUNG TECHWIN



Samsung Techwin 37X Zoom High Resolution Interior Dome Camera

The VSSAM-SID370 is equipped with a 37X optical zoom, allowing it to achieve a maximum 444X combined zoom! This high resolution indoor dome camera captures crystal clear images at a high resolution of 550TVL. The in-built 37X optical zoom lens (3.5~129.5mm) with autofocus allows it to achieve such a high level of combined zoom, providing clear and accurate images of far away objects. The embedded W-IV DSP chipset allows the VSSAM-SID370 to capture images in 550TV lines in colour and 680 TV Lines in black and white with superb clarity. Support for both Back Light Compensation and Digital Image Stabilisation means that the VSSAM-SID370 provides clear, sharp images under any lighting conditions without severe backlight bleeding or soft edges.

Image Sensor	1/4" Super HAD CCD
Horizontal Resolution	550TVL (Colour) / 680TVL (B&W)
Lens	3.5~129.5mm (F1.6~3.9)
Minimum Illumination	0.4 Lux @ F1.6 (Colour), 0.001 Lux (Sens-Up)
Power	12VDC
Dimensions	161 (Dia) x 124 (H)

Part No.

VSSAM-SID370



SAMSUNG
SAMSUNG TECHWIN



Samsung 1/3" Super HAD High Resolution Day/Night 580 TVL IR Dome Camera

The Samsung Techwin VSSAM-SIR60 IR Dome Camera is an indoor security dome camera, which features LED IR illumination for absolute day/night surveillance. During daytime operation, the camera produces crisp 580TVL resolution color images and at night the camera switches to black and white mode, automatically enabling IR illumination and providing razor sharp 700TVL images. The wide angle 3.6mm fixed lens and 3 axis camera adjustment, as well as the added technology and features provided by the award-winning W-IV Samsung chipset, make the VSSAM-SIR60 the ideal solution for a large number of applications, including night clubs, sleep centers and office buildings.

Image Sensor	1/3" Diagonal 6mm Super HAD CCD
Horizontal Resolution	580TVL (Colour) / 700TVL (B&W)
Lens	Fixed 3.6mm, F2.0 IR Lens
Minimum Illumination	0.15 Lux @ F1.2 (Colour)
Power	12VDC
Dimensions	107.6 (Dia) x 83.7 (H)mm

Part No.

VSSAM-SIR60



* Lens not included

Samsung 1/3" Ultra High Resolution Day/Night Camera

The VSSAM-SDC-435 is a high resolution camera embedded with the latest W-V DSP chipset featuring proprietary video signal processing technology that achieves vivid graphics at up to 600TV lines resolution. The camera features 3D filtering noise reduction technology, effectively reducing noise while providing excellent night monitoring performance with ultra low light levels of 0.0001 Lux. Also supporting SSSDR (Samsung Super Dynamic Range), the VSSAM-SDC435 effectively blocks backlights and delivers higher and clearer quality images.

Image Sensor	1/3" Diagonal 6mm Super HAD CCD
Horizontal Resolution	600TVL
Lens	Not Included (See Under Camera Lenses)
Minimum Illumination	0.0001 Lux (Sens-Up x512) @ F1.2
Power	12V DC
Dimensions	58(W) x 52(H) x 121(D)mm

Part No.
VSSAM-SDC435



Samsung 1/3" Low Light Wide Dynamic High Resolution Dome Camera (24V AC) 560TVL

The VSSAM-SID562 is a camera with a built-in fourth-generation DSP image engine SVIV chipset, which provides superb image quality anytime and anywhere. The SID-562 offers the world's best 560 TV line color resolution, a 128X more powerful Wide Dynamic function for improved subject recognition in back-light, and clear picture quality without noise for low light level environments.

Image Sensor	1/3" Vertical Double Density Interline CCD
Horizontal Resolution	Colour:560TVL / B&W:700TVL
Lens	2.5X Auto Iris Vari-Focal. 3.8-9.5mm(F1.2)
Minimum Illumination	0.3Lux@F1.2(Normal colour mode,50IRE) / 0.01Lux@F1.2(B&W,50IRE) / 0.001Lux@F1.2(Sens-up,50IRE)
Power	12VDC/24VAC
Dimensions	105.5(H) x 141.2(Dia)mm

Part No.
VSSAM-SID562



* Lens not included

Samsung 580TVL 1/3" Ultra Low Light, High Resolution Camera

Embedded with the SV-IV fourth generation DSP chip, the VSSAM-SHC737 provides vivid, life-like pictures at 580TV lines high resolution. With a minimum light level of 0.05Lux, this camera captures crystal clear pictures even in the darkest places and worst conditions. Its unparalleled performance make the VSSAM-SHC737 ideal for use in places kept under strict watch like strategic defense points, airports, harbors, streets, and large industrial sites.

Image Sensor	1/3" Super HAD CCD
Horizontal Resolution	580TVL (Colour)/ 700TVL (B&W)
Lens	Not Included
Minimum Illumination	0.05 Lux (Colour), 0.0002 Lux (Sens Up), 0.0025 Lux (B&W)
Power	Dual Voltage 12VDC/24VAC
Dimensions	66 x 61 x 102mm (WxHxD)

Part No.
VSSAM-SHC737



Samsung 1/4" High Resolution Day and Night 10X Dome Camera 500TVL

The Samsung VSSAM-SID500 is an intelligent dome camera with advanced auto focus 10x optical zoom that has various performances required for advanced interior designs such as those in office buildings and shopping malls. This camera employs Samsung Techwin's unique WIII DSP chipset and SSNR noise reduction technology which provides clear and sharp images even with a low light level of 0.005Lux and supports horizontal resolution of 500TV lines in color and enhanced back light compensation. Additional functions are convenient OSD menu setting, privacy zone masking and motion detection. It's elegant and durable design matches well with various indoor environments.

Image Sensor	1/4" Super HAD CCD
Horizontal Resolution	500TVL (Colour) / 570TVL (B&W)
Lens	10X, f=3.8 to 38.0mm (F1.8)
Minimum Illumination	Colour: 0.7 Lux@F1.8, 0.005 Lux (Sens-Up) / B&W: 0.02 Lux@F1.8
Power	24VAC, 12VDC
Dimensions	130 (Dia) x 105(H)mm

Part No.
VSSAM-SID500



Samsung 1/4" High Resolution Day/Night Vandal-proof Dome Camera with A/F 10x Zoom - 500TVL Day / 570TVL Night

The VSSAM-SVD4300 is a high resolution vandal proof dome camera with a built-in advanced auto focus 10X A/F zoom lens. Its main body and dome made of high strength material withstand strong impacts, and you can easily position the camera in the optimal location due to the camera's 10X auto zoom and 3-Axis rotation dome design. The camera supports various functions such as high resolution of 500TV lines, Day & Night with removable IR cut filter (ICR), high sensitivity of 0.005Lux so users can achieve safe and perfect 24-hour surveillance.

Image Sensor	1/4" Interline Transfer colour CCD
Horizontal Resolution	500TV lines (Colour) / 570TV lines (B&W)
Lens	Built-in 10X (f3.8 ~ 38mm) zoom lens w/ auto focus
Minimum Illumination	0.7Lux@F1.8 (Colour) / 0.02Lux@F1.8 (B/W) 0.005Lux@F1.8 (Sens-up)
Power	Dual voltage : 24V AC / 12V DC
Dimensions	148(Diam.) x 126(H) mm

Part No.

VSSAM-SVD4300



Samsung High Resolution WDR Vandal-Proof Dome Camera - 560TVL Day / 700TVL Night

The VSSAM-SVD4600 is a tough vandal-proof dome camera that consists of a die-cast dome body and a polycarbonate dome cover. It has Samsung Techwin 4th generation DSP chipset SVIV built in to give ultra low light imaging at 0.3Lux, ICR Day & Night, and 128X WDR features. It is a versatile dome camera for indoor/outdoor applications, that provides enhanced additional features such as Multi-language OSD and DIS image shake correction.

Image Sensor	1/3" Super HAD CCD
Horizontal Resolution	560TV Lines (Colour) / 700TV Lines (B/W)
Lens	Built-in 2.5X Variable Focus
Minimum Illumination	0.3Lux@F1.2 (Normal colour mode) / 0.01Lux@F1.2 (B/W) 0.001Lux@F1.2 (Sens-up mode)
Power	24V AC / 12V DC
Dimensions	148(Diam.) x 126(H) mm

Part No.

VSSAM-SVD4600



Samsung 1/3" High Resolution Day & Night IR LED Dome Camera - 520TVL Day / 570TVL Night

The VSSAM-SIR4250 is a high-performance IR LED dome camera with various features for advanced functions such as high-resolution video images, ICR Day & Night feature, Vari-Focal Lens and SSNR, unique noise reduction technology. This ensures you have the most reliable 24-hours a day video surveillance providing clean and vivid images for all places.

Image Sensor	1/3" Super HAD CCD
Horizontal Resolution	520TV lines (Colour) / 570TV lines (B/W)
Lens	2.5X Auto iris varifocal lens (F1.2, 3.8 ~ 9.5mm)
Minimum Illumination	0.3Lux@F1.2 (Colour), 0 Lux@F1.2 (B/W) 0.002Lux@F1.2 (Sens-up)
Power	12V DC
Dimensions	145.3(Diam.) x 109.5 (H)mm

Part No.

VSSAM-SIR4250



Samsung 1/3" High Resolution Day & Night Dome Camera - 580TVL Day / 700TVL Night

The Samsung Techwin VSSAM-SID462 is redefining what you should expect for features and performance in a fixed mini-dome camera. Using the 4th generation WIV Digital Signal Processing, the SID-462 is able to produce an unparalleled colour resolution of 580TV lines. In addition, this new DSP provides the industry's most comprehensive set of performance enhancing features such as digital image stabilisation, 3D noise filtering, and many other features not found in any other camera in any class.

Image Sensor	1/3" Vertical Double Density Interline CCD
Horizontal Resolution	Colour: 580TVL / B&W: 700TVL
Lens	3.6X Manual, 2.8 ~ 10mm, (F1.2)
Minimum Illumination	Colour: 0.15Lux@F1.2(50IRE), 0.0006Lux(Sens-up, 256X) / B&W: 0.01Lux@F1.2(50IRE)
Power	12VDC / 24VAC
Dimensions	105.5(H) x 141.2(Dia)mm

Part No.

VSSAM-SID462

XR SERIES CAMERAS (COLOUR)

SECURVIEW™ XR Series

Professional CCTV cameras from Securview™ built with Samsung Techwin Technology!

Securview™ is proud to announce the release of the XR series of high performance professional security cameras using genuine Sony Super HAD interline CCD image sensors and the latest high-performance Samsung Techwin Digital Signal Processing (DSP) technology. By combining Sony's expertise in image sensors and Samsung Techwin's award-winning DSP technology, the XR series embodies unrivalled image qualities of 580TVL in colour, but also a complete feature-list of functions unsurpassed by cameras more than twice their value!

Designed and manufactured only to the highest specifications, the XR series represents exceptional value for money and unbeatable performance. Make the smart choice and try the XR series of cameras today!

POWERED BY

SUPERDUOTECH™

The Securview™ XR Professional CCTV Camera Range is built with Samsung Techwin DSP and Sony Super HAD CCD technology!

SuperDuoTech™ is the combination of two high-performance CCTV technologies. Genuine Sony Super HAD interline CCD image sensors and the latest Samsung Techwin Digital Signal Processing (DSP) with Dynamic Digital Noise Reduction (DDNR) Technology. The XR Series displays unrivalled image qualities of up to 580TVL in colour, but also a complete feature-list of functions unsurpassed by cameras more than twice their value!



Samsung Techwin DSP

The XR range incorporates Samsung Techwin DSP and Super Noise Reduction, delivering clear night imaging, whilst saving hard drive recording space.



Sony Super HAD CCD

The XR range features Sony Super HAD CCD image sensor technology, for the highest quality image.

Logos are trademarks of their respective companies



SECURVIEW XR Series

Securview XR 1/3" Varifocal Day/Night Mini Vandal-Proof Dome Camera 540TVL

A part of the Securview XR series, the VSXR-508DV is a mini-dome camera designed for internal and external applications. The camera has a Samsung Techwin W3 chipset, and uses a Sony 1/3" Interline Transfer CCD image sensor with a horizontal resolution of 540TVL to produce high quality images. The camera housing is weatherproof rated IP66 ensuring it can be used indoors and outdoors.

Image Sensor	1/3" Sony Interline Transfer CCD
Horizontal Resolution	540TVL
Lens	2.9~10mm Auto Iris
Minimum Illumination	0.3 Lux @ F1.2, 0.05 Lux with Sens Up (Auto)
Power	12VDC
Dimensions	112 (Dia) x 83 (H)mm

Part No.

VSXR-508DV



SECURVIEW XR Series

Securview XR 1/3" High-Res Day/Night Wide Dynamic Vandal-Proof Dome

A part of the Securview XR series, the VSXR-601DVW is a high-resolution (560TVL) dome camera. It has a Samsung Techwin SV4 chipset and a Sony 1/3" Interline Transfer CCD imaging sensor. The 2.9~10mm varifocal auto-iris lens allows the camera's field of view to be easily adjusted to suit the current application.

Image Sensor	1/3" Sony Interline Transfer CCD
Horizontal Resolution	560TVL (Colour)/700TVL (B&W)
Lens	2.9~10mm DC Auto Iris
Minimum Illumination	0.3 Lux @ F1.2 (Colour)/0.001 Lux @ F1.2 (Sens Up)
Power	12VDC, 24VAC
Dimensions	150 (W) x 91 (H)mm

Part No.

VSXR-601DVW



SECURVIEW XR Series

Securview XR 1/3" High Resolution Day/Night Vandal-Proof Dome Camera 580TVL

A part of the Securview XR series, the VSXR-581DV is a high-resolution (580TVL) Day & Night Vandal-Proof Dome Camera. The camera has a Samsung Techwin W4 chipset and a 1/3" Interline Transfer CCD image sensor. The camera's field of view can be easily adjusted using the 2.9~10mm Varifocal Lens, and the IP66 rated high-impact vandal proof dome means the camera can be used in both indoor and outdoor applications.

Image Sensor	1/3" Sony Interline Transfer CCD
Horizontal Resolution	580TVL
Lens	Varifocal 2.9~10mm DC Auto Iris
Minimum Illumination	0.05 Lux (Colour) / 0.0002 Lux (Sens-Up) at F1.2 (AGC High)
Power	12VDC, 24VAC
Dimensions	150 x 97mm (WxH)

Part No.

VSXR-581DV



SECURVIEW XR Series * Lens not included

Securview XR 1/3" High Resolution Day/Night Ultra Wide Dynamic Full Body Camera 560TVL

The VSXR-600FW is a part of the Securview XR series. It is a high-resolution, wide-dynamic body camera making it ideal for usage in indoor applications or in applications of low or varying light levels. The camera utilises a Samsung Techwin SV4 chipset, producing quality colour images at a resolution (560TVL), higher than other CCTV cameras.

Image Sensor	1/3" Sony Interline Transfer CCD
Horizontal Resolution	560TVL (Colour)/700TVL (B&W)
Lens	N/A
Minimum Illumination	0.3 Lux @ F1.2 (Colour)/0.001 Lux @ F1.2 (Sens Up)
Power	12VDC, 24VAC
Dimensions	61(W) x 55(H) x 104(D)mm

Part No.

VSXR-600FW

DOME CAMERAS (COLOUR)



Securview 1/4" Entry Level Dome Camera - 420TVL

This entry level colour dome camera is ideal for those who want a ceiling mounted dome camera for general scene surveillance. It provides good picture quality and has a stylish low profile design.

Image Sensor	1/4" Colour CCD
Horizontal Resolution	420 TV Lines
Lens	3.6mm Board
Minimum Illumination	0.5 Lux @ F2.0
Power	12V DC
Dimensions	60(H) x 100(Ø) mm

Part No.
VSTP101AV



Securview High Resolution 1/3" Colour IR Dome Camera 520TVL

This is a high resolution (520TVL) IR Dome camera. The 21 IR LEDs have an IR distance of 15M, making the camera day/night operational for 24 Hour surveillance.

Image Sensor	1/3" High Resolution Colour CCD
Horizontal Resolution	520TVL
Lens	F 6.0mm / F2.0
Minimum Illumination	0.3 Lux / F2.0, 0 Lux (IR On)
Power	12VDC
Dimensions	94 (Dia) x 73 (H)mm

Part No.
VSTP143WIR



Securview 1/3" Compact Design Tiny Dome Camera - 420TVL

This tiny dome camera is ideal for use in discrete applications and delivers good quality images.

Image Sensor	1/3" Sharp CCD
Horizontal Resolution	420 TVL
Lens	4.3mm Board Lens
Minimum Illumination	0.2 Lux @ F2.0
Power	12V DC
Dimensions	73Ø X 55(H) mm

Part No.
VSTINYDOME



Securview High Resolution 1/3" Vari-Focal Dome Camera 520TVL

Featuring a high resolution of 520TVL, and a high sensitivity in a dark environment (0.3 Lux @ F2.0), the VSTP-152W is ideal for a multitude of surveillance applications. The camera includes a 4~9mm vari-focal lens.

Image Sensor	1/3" High Resolution Colour CCD
Horizontal Resolution	520TVL
Lens	4~9mm / F2.0
Minimum Illumination	0.3 Lux / F2.0
Power	12VDC
Dimensions	140 (Dia) x 90 (H)mm

Part No.
VSTP152W



Securview 1/3" Day/Night High Resolution 4~9mm Vari-Focal 25m IR Armoured Dome Camera 560TVL

The VSSB-DOMEIRC has a High Quality 1/3" Sony Super HAD CCD with 560 TVL resolution providing outstanding picture quality. It also has Infrared LEDs with an IR range of up to 25m providing a crisp clear picture quality both Day and Night. The camera's field of view can be easily adjusted utilising the 4.0mm ~ 9.0mm Vari-Focal Lens. The Vandal Resistant / Weatherproof housing allows it to be used both indoor and out and is rated IP66. Ideal for all installations where picture quality counts!



Image Sensor	1/3" Sony Super HAD CCD
Horizontal Resolution	560 TV Lines Colour / 600 TV Lines B/W
Lens	4 -9 mm Vari-Focal
Minimum Illumination	0.2 Lux at F1.2 (IR LED On)
Power	12VDC
Dimensions	120(Ø)mm x 100(H)mm

Part No.
VSSB-DOMEIRC



Securview 1/3" Day/Night Varifocal 30M IR Dome Camera 540TVL

The VSDVF30MIR is a waterproof IR Dome Camera with a 360° Rotational Vandal Proof mounting bracket. The fully-articulated bracket is able to be rotated 360°, with 180° movement in both horizontal and vertical directions. The vandal proof design of the bracket surrounds the power cable, ensuring that it is protected from environmental damage and vandalism.



Image Sensor	1/3" SONY Colour CCD
Horizontal Resolution	540TVL
Lens	4~9mm Manual Varifocal Lens
Minimum Illumination	0 Lux (IR On)
Power	12VDC
Dimensions	280 x 185 x 160mm (HxWxD)

Part No.
VSDVF30MIR



Securview 1/3" Day/Night Varifocal 50M IR Dome Camera 540TVL

The VSDVF50MIR is a vandal proof dome camera designed for both indoor and outdoor applications. It has a high quality 1/3" Sony Colour CCD image sensor with 540TVL resolution providing a high picture quality. The camera has 54 Infrared LEDs with an IR range 50M maximum, providing a crisp clear picture quality in both day and night conditions. The camera's field of view can be easily adjusted utilising the 4mm~9mm Vari-Focal Lens. IP55 rated weatherproof.



Image Sensor	1/3" SONY Colour CCD
Horizontal Resolution	540TVL
Lens	4-9mm Manual Varifocal Lens
Minimum Illumination	0 Lux (IR On)
Power	12VDC
Dimensions	150 x 150 x 140mm (WxDxH)

Part No.
VSDVF50MIR

NFRARED EXTERNAL CAMERAS (COLOUR)



Securview 1/3" Black Outdoor 3.6mm 15M IR Camera

The VSTP136BIR is an outdoor camera with 15M IR range and 480 TVL. It has 14 in-built IR LEDs, giving the camera high visibility and clarity in both day and night applications. The weatherproof outdoor housing is Standards Approved, rated IP67, and is very easy to install.

15M IR Range

Image Sensor	1/3" Colour CCD image sensor
Horizontal Resolution	480 TVL
Lens	f3.6mm@F2.0
Minimum Illumination	0.3 Lux@F2.0, 0 Lux (IR on)
Power	12VDC
Dimensions	116.13(L) x 60(W) x 79.58(H)mm

Part No.

VSTP136BIR



Securview 1/3" Day/Night Varifocal 50M IR Camera

The VSWVF50MIR4-9 is a weatherproof IR camera with a 360° rotational vandal proof bracket. The cable management design is built into the bracket, protecting the cable from environmental damage and vandalism. The camera comes with a sun-shield housing and aluminium bracket. The camera has an outdoor IR range of 30M and an indoor range of 50M

50M Indoor IR Range

Image Sensor	1/3" SONY Super HAD CCD
Horizontal Resolution	540TVL
Lens	4~9mm Manual Vari-Focal Lens
Minimum Illumination	0.1 Lux
Power	12VDC
Dimensions	160 x 100 x 97mm (DxHxW)

Part No.

VSWVF50MIR4-9



Securview 1/3" Day/Night Varifocal 50M IR Camera

This Vandal-proof IR camera has a high quality 1/3" Sony Super HAD CCD image sensor and a 540TVL resolution. It has 36 IR LEDs, making it ideal for use in day and night applications, and the IP55 rated vandal/water proof housing allows it to be used for indoor or outdoor purposes. The camera has an indoor IR range of 50M, and an outdoor range of 30M. The fully articulated bracket allows for 360° rotation when positioning the camera, making it ideal for a multitude of versatile applications.

50M Indoor IR Range

Image Sensor	1/3" SONY Super HAD CCD
Horizontal Resolution	540TVL
Lens	9~22mm Manual Varifocal Lens
Minimum Illumination	0 Lux (IR On)
Power	12VDC
Dimensions	160 x 100 x 97 (DxHxW)

Part No.

VSWVF50MIR9-22

BULLET CAMERAS (COLOUR)



4~9mm Vari-Focal

Manual Vari-Focal

Securview High Resolution Vari-Focal (4-9mm) Day/Night Bullet Camera - 560TVL Day / 600TVL Night

The compact size of this High Resolution Colour Bullet Camera makes it an ideal choice for home and business security installations. It has a High Quality 1/3' Sony Super HAD CCD with 560 TVL(Colour) / 600 TVL(B/W) resolution, providing a crisp clear picture quality both Day and Night. The camera's field of view can be easily adjusted utilising the 4.0mm ~ 9.0mm Vari-Focal Lens. The durable Aluminium / Weatherproof housing allows it to be used both indoor and out.

Image Sensor	1/3 Sony Super HAD CCD
Horizontal Resolution	560 TV Lines (Colour) / 600 TV Lines (B&W)
Lens	4.0 ~ 9.0mm Vari-Focal
Minimum Illumination	0.2 Lux(Day) / 0.03 Lux(Night) @ F1.2
Power	12V DC
Dimensions	105(L) x 26(Ø) mm

Part No.

VSSB-HDBCAM



9~22mm Vari-Focal

Manual Vari-Focal

Securview 1/3" High Resolution Vari-Focal (9-22mm) Day/Night Bullet Camera - 560TVL Day / 600TVL Night

The compact size of this High Resolution Colour Bullet Camera makes it an ideal choice for home and business security installations. It has a High Quality 1/3" Sony Super HAD CCD with 560 TVL(Colour) / 600 TVL(B/W) resolution, providing a crisp clear picture quality both Day and Night. The camera's field of view can be easily adjusted utilising the 9 ~ 22mm Vari-Focal Lens. The durable Aluminium / Weatherproof housing allows it to be used both indoor and out.

Image Sensor	1/3 Sony Super HAD CCD
Horizontal Resolution	560 TV Lines (Colour) / 600 TV Lines (B&W)
Lens	9~22mm Vari-Focal
Minimum Illumination	0.2 Lux(Day) / 0.03 Lux(Night) @ F1.2
Power	12V DC
Dimensions	105(L) x 29(Ø) mm

Part No.

VSSB-HDBCAM9-22

PTZ SPEED DOME CAMERAS (COLOUR)



Securview Internal High-Speed Dome 18 x Optical Zoom

High resolution internal high speed dome camera with a built in 216 x zoom lens, using a moving IR cut filter to switch between monochrome and colour. The Pan tilt and zoom functions can be controlled either remotely using a joystick controller or via a suitable DVR. The camera uses RS485 PELCO-D / P to communicate. There are four alarm inputs that can be linked to preset camera positions. The camera has many advanced features including extremely low lux operation and a fully adjustable white balance function, these and other options are set-up in the on screen display

Image Sensor	1/4" CCD with Sony Original Module
Horizontal Resolution	470 TV Lines
Lens	216 x Zoom Ratio - 18 x Optical / 12 x Digital
Minimum Illumination	Low sensitivity of 0.01 lux (F1.4, ICR on)
Power	24VAC
Dimensions	216.5(L) x 133(Diam.) mm

Part No.
VSPTZ55



Securview External High-Speed Dome 18 x Optical Zoom

High resolution external high speed dome camera with a built in 216 x zoom lens, using a moving IR cut filter to switch between monochrome and colour. The Pan tilt and zoom functions can be controlled either remotely using a joystick controller or via a suitable DVR. The camera uses RS485 PELCO-D/P to communicate. There are four alarm inputs that can be linked to preset camera positions. The camera has many advanced features including extremely low lux operation and a fully adjustable white balance function, these and other options are set-up in the on screen display

Image Sensor	1/4" CCD with Sony Original Module
Horizontal Resolution	470 TV Lines
Lens	216 x Zoom Ratio - 18 x Optical / 12 x Digital
Minimum Illumination	Low sensitivity of 0.01 lux (F1.4, ICR on)
Power	24VAC
Dimensions	200(Ø) x 280(L) mm

Part No.
VSPTZ55W

IP BASED CAMERAS

IP BASED SURVEILLANCE CAMERA WATCH OVER THE NETWORK FROM ANYWHERE!

What is 'IP BASED' CCTV?

The key advantage of IP-based CCTV is the ability to use new or existing network infrastructure, rather than the traditional analogue coaxial cable. The nature of IP networks allows multiple cameras to be transmitted over single cables as well as multiple paths, allowing both a reduction in cabling costs and providing added redundancy. Cameras can be accessed from any network accessible device, as opposed to a single DVR in an analogue installation.





Securview 1.3 Megapixel Compact IP Dome Camera

The VSIPMD1MP is a high performance 1.3 Megapixel IP Dual Stream Dome Camera which can deliver high resolution images to identify individuals and objects of interest. Its CMOS sensor provides up to 1280x960 image resolution which is 3 more times than traditional high resolution analog cameras. The flat design of the camera allows it to be a non-invasive surveillance solution when discrete monitoring is required. The robust casing, rated IP66, protects the high resolution camera inside, and the camera is further protected against tampering thanks to the inclusion of a tamper alarm. The lightweight and compact design can give users easy, quick, and flexible installation on the ceiling and wall. The rugged mechanical design enables the camera to resist water, dust, and vibration, making it ideal for indoor or outdoor applications.

- The main features of the VSIPMD1MP are:
- Privacy Masking
 - Dual Streaming - MPEG4 and MJPEG
 - Power over Ethernet
 - Anti-Tamper Alarm
 - 12x Digital Zoom
 - Free bundled CMS software
 - Securview NUUO Compatible

Image Sensor	Sony 1.3 Megapixel Progressive Scan CMOS Sensor
Horizontal Resolution	1280 (H) x 960 (V), Resolution > 700TVL
Supported Resolutions	MPEG-4: VGA, QVGA, CIF, QCIF MJPEG: 1280 x 960 (4 VGA), VGA
Frame Rate	MPEG-4: 30fps@VGA, MJPEG: 15fps@ 1280 x 960
Video Compression	MPEG-4 / MJPEG
Dimensions	47.6 (H) x 110.21 (Dia)mm

Part No.
VSIPMD1MP



Securview 2.0 Megapixel IP Full Body Camera

New from Securview comes this High Resolution 2.0 Megapixel IP Full Body Camera. The main features of the camera include:

- Embedded Linux OS
- TI Davinci Hardware Compression.
- MPEG-4 Video Compression.
- 1 Channel Audio Compression.
- High Resolution Video Preview: 1600 x 1200 pixels.
- Supports HD720/4CIF/DCIF/2CIF/CIF/QCIF Real Time Compression.
- Supports Dual Stream Compression.
- Supported protocols: TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP
- Support E-PTZ Function.
- Supports Sensor Alarm Input and Relay Output.
- Supports Network Voice Talk Function.

Image Sensor	2.0 Megapixel 1/3" CMOS Sensor
Horizontal Resolution	1600 (H) x 1200 (V)
Min. Illumination	0.5 Lux @ F1.2
Supported Resolutions	1600x1200,1280x720,800x600,704x576,640x480,528x384,704x288,352x288,176x144
Frame Rate	25fps(704x576), 25fps(1280x720),12.5fps(1600 x1200)
Video Compression	MPEG-4 (Supports Dual Stream)
Dimensions	69 x 63mm x 157.5mm

Part No.
VSIP2MPFB



Securview 2.0 Megapixel IP Impact Resistant Dome Camera

This Securview IP dome camera is a high-resolution solution to indoor or outdoor surveillance needs. It can produce images up to 2 Megapixels using the 1/3" CMOS sensor! The camera boasts many other features, including:

- Embedded Linux OS.
- TI Davinci Hardware Compression.
- 1 Channel Audio Compression.
- High Resolution Video Preview: 1600 x 1200 Pixels.
- Support for HD720/4CIF/DCIF/2CIF/CIF/QCIF Real Time Compression.
- Dual Compression Stream.
- Motion Detection, and Notification on PC Client.
- Supported Protocols: TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP
- Internet Browser support for Network Preview.
- Watermark function
- Sensor Alarm Input and Relay Output Function.
- Network Voice Talk Function support.

Image Sensor	2.0 Megapixel 1/3" CMOS Sensor
Horizontal Resolution	1600 (H) x 1200 (V)
Min. Illumination	0.5 Lux @ F1.2
Supported Resolutions	1600 x 1200,1280 x 720,800 x 600,704 x 576,640x 480,528 x384,704 x 288,352 x 288,176 x144
Frame Rate	25fps(704x576), 25fps(1280x720), 12.5fps(1600x1200)
Video Compression	MPEG-4 (Dual Stream Supported)
Dimensions	157.5 (Dia) x 130.4mm

Part No.
VSIP2MPVD



Securview 2.0 Megapixel IP Dome Camera

Using a 1/3" CMOS sensor to produce high-resolution (2 Megapixel) images, this IP dome camera from Securview is the ideal solution to many indoor surveillance applications. The camera has a multitude of features, including:

- Embedded Linux OS.
- TI Davinci Hardware Compression.
- 1 Channel Audio Compression.
- High Resolution Video Preview: 1600 x 1200 Pixels.
- Support for HD720/4CIF/DCIF/2CIF/CIF/QCIF Real Time Compression.
- Dual Compression Stream.
- Motion Detection, and Notification on PC Client.
- Supported Protocols: TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP
- Internet Browser support for Network Preview.
- Watermark function
- Sensor Alarm Input and Relay Output Function.
- Network Voice Talk Function support.

Image Sensor	2.0 Megapixel 1/3" CMOS Sensor
Horizontal Resolution	1600 (H) x 1200 (V)
Min. Illumination	0.5 Lux @ F1.2
Supported Resolutions	1600 x 1200,1280 x 720,800 x 600,704 x 576,640x 480,528 x384,704 x 288,352 x 288,176 x144
Frame Rate	25fps(704x576), 25fps(1280x720), 12.5fps(1600x1200)
Video Compression	MPEG-4 (Dual Stream Supported)
Dimensions	145 (Dia) x 159.8mm

Part No.
VSIP2MPD

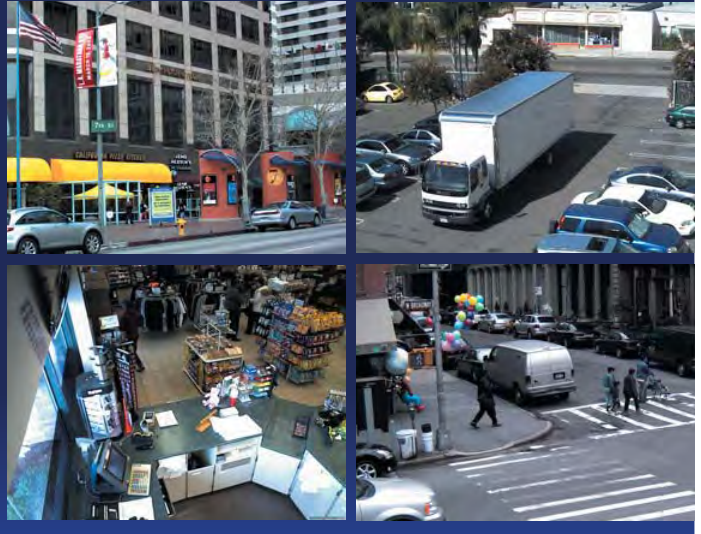
ARECONT VISION IP BASED CAMERAS



Arecont Vision

Arecont's new line of H.264 high definition cameras provide security professionals with the flexibility of various frame rates and resolutions for a variety of applications. Arecont Vision systems deliver unparalleled clarity at an unbeatable price providing a vastly superior alternative to analogue CCTV cameras.

1.3, 2, 3, 5, 8 Megapixel Cameras Available



Arecont Vision



Arecont Vision H.264 1.3 Megapixel IP Camera

A part of the Arecont Vision range of H.264 Megapixel Cameras, the VSAV-1305 1.3 IP camera has been designed for use in applications where high quality monitoring is required from a low-impact discrete camera.

The camera is capable of sustaining over 80 billion operations per second and maintaining full motion progressive scan at 1280 x 1024 resolution (1.3MP) at 30FPS with H.264 compression, giving you the highest quality images at a lower file size!

* Lens Not Included

*Also available in a Day/Night version (VSAV-1305DN)

NEW!

Image Sensor	1.3 megapixel CMOS image sensor
Horizontal Resolution	1280(H) x 1024(V) pixel array
Lens	1/2" Optical Format
Minimum Illumination	Colour: 0.1 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	76(W) x 63.5(H) x 57(D)mm (w/o lens)

Part No.	VSAV-1305 VSAV-1305DN
-----------------	--------------------------

Arecont Vision



Arecont Vision H.264 2.0 Megapixel Day/Night IP Camera

Part of the Arecont Vision range of H.264 Megapixel Cameras, the VSAV-2105DN is a 2MP IP Day/Night camera designed for use in applications where high quality monitoring is required from low-impact discrete cameras.

It is capable of sustaining over 80 billion operations per second and maintaining full motion progressive scan at 1600 x 1200 resolution (2MP) at 24FPS with H.264 compression, giving you the highest quality images at a lower file size!

* Lens Not Included

NEW!

Image Sensor	2.0 megapixel CMOS image sensor
Horizontal Resolution	1600(H) x 1200(V) pixel array
Lens	1/2" Optical Format
Minimum Illumination	Colour: 0.1 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	76(W) x 63.5(H) x 57(D)mm (w/o lens)

Part No.	VSAV-2105DN
-----------------	-------------

Arecont Vision



Arecont Vision H.264 1.3 Megapixel IP MegaDome Camera

If you are looking for an All-In-One H.264 Megapixel Dome solution, the Arecont Vision range of MegaDome Network cameras are what you have been waiting for. The product integrates a megapixel camera, MP lens and IP66 Vandal Resistant Dome Housing to provide you with a secure, high quality CCTV camera. The 3-axis camera gimbal is easily adjusted, allowing 360° pan and 90° tilt, ensuring you can position it to suit your needs.

* The camera is also available in a Day/Night version (VSAV-1355DN)

NEW!

Image Sensor	1.3 megapixel CMOS image sensor
Horizontal Resolution	1280(H) x 1024(V) pixel array
Lens	1/2" Optical Format
Minimum Illumination	Colour: 0.1 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	140.3 (Dia) x 124.6 (H) mm

Part No.	VSAV-1355 VSAV-1355DN
-----------------	--------------------------

Arecont Vision



Arecont Vision H.264 2.0 Megapixel Day/Night IP MegaDome Camera

If you are looking for an All-In-One H.264 Megapixel Dome solution, the Arecont Vision range of MegaDome Network cameras are what you have been waiting for. The VSAV-2155DN features a 2 Megapixel camera, MP lens, IR Cut filter for Day/Night operation all housed in an IP66 Vandal Resistant Dome Housing, giving you a secure, high quality CCTV camera. The 3-axis camera gimbal is easily adjusted, allowing 360° pan and 90° tilt, ensuring you can position it to suit your needs.

NEW!

Image Sensor	2.0 megapixel CMOS image sensor
Horizontal Resolution	1600(H) x 1200(V) pixel array
Lens	1/2" Optical Format
Minimum Illumination	Colour: 0.1 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	140.3 (Dia) x 124.6 (H) mm

Part No.	VSAV-2155DN
-----------------	-------------

Arecont Vision

Arecont Vision 3 Megapixel IP Camera



* Lens Not Included

NEW!

Part of the Arecont Vision range of H.264 Megapixel Cameras, the VSAV-3105 and VSAV-3105DN 3MP IP cameras have been designed for use in applications where high quality monitoring is required from low-impact discrete cameras. They are capable of sustaining over 80 billion operations per second and maintaining full motion progressive scan at 2048 x 1536 resolution (3MP) at 15FPS with H.264 compression, giving you the highest quality images at a lower file size!

*VSAV-3105DN is a Day/Night version of the camera

Image Sensor	3 megapixel CMOS image sensor
Horizontal Resolution	2048(H) x 1536(V) pixel array
Lens	1/2" Optical Format
Minimum Illumination	Colour: 0.2 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	76(W) x 63.5(H) x 57(D)mm (w/o lens)

Part No.

VSAV-3105
VSAV-3105DN

Arecont Vision

Arecont Vision 5 Megapixel H.264 IP Camera



NEW!

* Lens Not Included

Part of the Arecont Vision range of H.264 Megapixel Cameras, the VSAV-5105 and VSAV-5105DN 5MP IP cameras have been designed for use in applications where high quality monitoring is required from low-impact discrete cameras. They are capable of sustaining over 80 billion operations per second and maintaining full motion progressive scan at 2592 x 1944 resolution (5MP) at 9FPS with H.264 compression, giving you the highest quality images at a lower file size!

*VSAV-5105DN is a Day/Night version of the camera

Image Sensor	5 megapixel CMOS image sensor
Horizontal Resolution	2592(H) x 1944(V) pixel array
Lens	1/2" Optical Format
Minimum Illumination	Colour: 0.3 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	76(W) x 63.5(H) x 57(D)mm (w/o lens)

Part No.

VSAV-5105
VSAV-5105DN

Arecont Vision

Arecont Vision 8 Megapixel 180° Panoramic IP Cameras



MJPEG Compression (Model: VSAV-8180)
H.264 Version (Model: VSAV-8185)

The Arecont Vision range of 180° network IP cameras both deliver full-motion progressive scan 1600 x 1200 video across four 2MP sensors at 22fps. The cameras are available with MJPEG (8180) or H.264 (8185) compression, depending upon your requirements.

The main features of both the VSAV-8180 and VSAV-8185 are:

- Unparalleled High Definition Resolution
- Substitute up-to twenty four analogue cameras
- High Definition Panoramic 180° Imaging
- Forensic Zooming
- Reduced Overall System Cost
- Cost Efficiency

Image Sensor	Four 2 Megapixel CMOS image sensors
Horizontal Resolution	1600(H) x 1200(V) pixel array per sensor
Lens	1/2" Optical Format
Minimum Illumination	0.2 Lux @ F2.0
Dimensions	164.8(H) x 152.4(Dia)mm

Part No.

VSAV-8180
VSAV-8185

Arecont Vision

Arecont Vision 3 Megapixel H.264 IP MegaDome Camera



NEW!

If you are looking for an All-In-One H.264 Megapixel Dome solution, the Arecont Vision range of MegaDome Network cameras are what you have been waiting for. The product features a megapixel camera, MP lens and IP66 Vandal Resistant Dome Housing to provide you with a secure, high quality CCTV camera. The 3-axis camera gimbal is easily adjusted, allowing 360° pan and 90° tilt, ensuring you can position it to suit your needs.

* The camera is also available in a Day/Night version (VSAV-3155DN)

Image Sensor	3 megapixel CMOS image sensor
Horizontal Resolution	2048(H) x 1536(V) pixel array
Lens	1/2" Optical Format
Minimum Illumination	Colour: 0.2 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	140.3 (Dia) x 124.6 (H) mm

Part No.

VSAV-3155
VSAV-3155DN

Arecont Vision

Arecont Vision 5 Megapixel H.264 IP MegaDome Camera



NEW!

If you are looking for an All-In-One H.264 Megapixel Dome solution, the Arecont Vision range of MegaDome Network cameras are what you have been waiting for. The product features a megapixel camera, MP lens and IP66 Vandal Resistant Dome Housing to provide you with a secure, high quality CCTV camera. The 3-axis camera gimbal is easily adjusted, allowing 360° pan and 90° tilt, ensuring you can position it to suit your needs.

* The camera is also available in a Day/Night version (VSAV-5155DN)

Image Sensor	5 megapixel CMOS image sensor
Horizontal Resolution	2592(H) x 1944(V) pixel array
Lens	1/2.5" Optical Format
Minimum Illumination	Colour: 0.3 Lux @ F1.4, Day/Night: 0 Lux, IR sensitive
Dimensions	140.3 (Dia) x 124.6 (H) mm

Part No.

VSAV-5155
VSAV-5155DN

Arecont Vision

Arecont Vision 8 Megapixel 360° Panoramic IP Camera



MJPEG Version (Model: VSAV-8360)
H.264 Compression (Model: VSAV-8365)

The Arecont Vision range of 360° network IP cameras both deliver full-motion progressive scan 1600 x 1200 video across four 2MP sensors at 22fps. The cameras are available with MJPEG (8360) or H.264 (8365) compression, depending upon your requirements.

The main features of both the VSAV-8360 and VSAV-8365 are:

- Unparalleled High Definition Resolution
- Substitute up-to twenty four analogue cameras
- High Definition Panoramic 360° Imaging
- Forensic Zooming
- Reduced Overall System Cost
- Cost Efficiency

Image Sensor	Four 2 Megapixel CMOS image sensors
Horizontal Resolution	1600(H) x 1200(V) pixel array per sensor
Lens	1/2" Optical Format
Minimum Illumination	0.2 Lux @ F2.0
Dimensions	164.8(H) x 152.4(Dia)mm

Part No.

VSAV-8360
VSAV-8365

PTZ ACCESSORIES



Full Featured Speed Dome Controller

Speed Dome Controller with Keyboard and Joystick, Controls up to 32 Speed Dome Cameras, RS485 Multi Protocol, with LCD Display.

- 0-255 address range for camera & decoder
- Up to 128 preset positions and 6 cruising tracks
- Manual or automatic camera controller
- Manual control of focus, zoom & lens iris

Part No.
VSPTZKB



RS-232 to RS-422/485 Converter

RS-232 to RS-422/485 bi-directional converter. It allows one RS-232 port to be converted to and from RS-422 or RS-485 port, which can thus control up to 32 devices within 1200m in a multidrop environment.

Part No.
RS232TORS485



RS-422/485 Repeater

Boost RS-422 and RS-485 signals up to 1200m. Increase the maximum number of connected nodes to 128. Automatically detects data flow direction and switches data lines accordingly.

Part No.
RS232TORS485REP

CCTV SURVEILLANCE SIGNS



Warning Sign - A4 Size Blue Print on Corflute

These weatherproof / UV resistant warning signs help to increase the overall effectiveness of surveillance systems acting as a deterrent to would be criminals.

- Dimensions: 212(W) x 299(H) x 4(D)mm

Part No.
VSA24



CCTV Warning Sign Corflute A3 Size

A3 sized (420 x 297mm) CCTV Warning Sign, designed for display in a prominent position to act as a deterrent to would-be criminals. The sign is weatherproof and UV resistant.

Part No.
VSCDCC



CCTV Warning Stickers (4 pack) A4 Size

Pack includes 4 A4 sized CCTV Warning Stickers.

- 2 x Rear Adhesive Stickers for use on flat surfaces
- 2 x Front Adhesive Stickers for use on interior windows

Part No.
VSCDSC

CAMERA TEST EQUIPMENT



Portable 3.5 Inch LCD CCTV Camera Test Monitor - Wearable Pouch Allows Hands Free Operation

The VSCAMTESTER is a Portable 3.5 Inch LCD Test Monitor used to test, adjust and focus surveillance cameras whilst mounted in position. It comes with a handy lightweight carrying case that can be worn around your arm to provide total hands free maneuverability. It can be powered by either battery or 12VDC.

- Hi-resolution digital TFT-LCD module
- Wearable pouch for hands-free operation
- Dual power sources battery or DC input
- CE/FCC approved. ROHS Compliant
- No more hand phone call charges, weak walkie-talkie signal or need for a second person to assist positioning and trouble shooting camera

Part No.
VSCAMTESTER

ANALOGUE CAMERA LENSES



2.8mm - 12mm DC Vari - Focal Auto - Iris Lenses

For indoor or outdoor use where light levels vary constantly and optimum performance is required under all light conditions. Includes the ability to adjust the field of view (wide to telescopic angles).

Part No.
VSLA2.8-12DC



6mm - 60mm DC Vari - Focal Auto - Iris Lenses

For indoor or outdoor use where light levels vary constantly and optimum performance is required under all light conditions. Includes the ability to adjust the field of view.

Part No.
VSLA6-60DC



2.8mm - 12mm Vari - Focal Manual - Iris Lenses

For indoor use. Ability to finely adjust lens aperture and focus for superior picture quality. Includes the ability to adjust the field of view.

Part No.
VSLM2.8-12

MEGAPIXEL IP CAMERA LENSES

Securview Megapixel Lenses

Available in:
- 6~12mm Varifocal Manual Iris 3MP Lens, 1/2"

Part No.
VSLM6-12MM-MP3

Arecont Megapixel Lenses

Available in:
- 4mm Fixed Lens, Fixed Iris 1.3MP Lens, 1/2", F2.0
- 8mm Fixed Lens, Fixed Iris 1.3MP Lens, 1/2", F2.0
- 4~10mm Varifocal Manual Iris 1.3MP Lens, 1/2", F1.8
- 4~10mm Varifocal Auto Iris 5MP Lens, 1/2" IR Corrected F1.6
- 4.5~10mm Varifocal Manual Iris 5MP Lens, 1/2" IR Corrected F1.6

Part No.
VSLM-AV4MP1
VSLM-AV8MP1
VSLM-AV4-10MP1
VSLA-AV4-10MP5
VSLM-AV4.5-10MP5

Computar Megapixel Lenses

Available in:
- 4~8mm Varifocal Manual Iris MP Lens, 1/2", F1.4
- 4~8mm Varifocal Auto Iris MP Lens, 1/2", F1.4
- 12~36mm Varifocal Manual Iris MP Lens, 2/3", F1.4
- 25mm Manual Iris MP Lens, 2/3" F1.4
- 50mm Manual Iris MP Lens, 2/3" F1.8

Part No.
VSLM-CT4-8MP1
VSLA-CT4-8MP1
VSLM-CT12-36MP1
VSLM-CT25MP1
VSLM-CT50MP1

Fujinon Megapixel Lenses

Available in:
- 9mm 1.5 MP, Manual Iris Lens, 2/3", F1.4
- 12.5mm 1.5 MP, Manual Iris Lens, 2/3", F1.4
- 16mm 1.5 MP, Manual Iris Lens, 2/3", F1.4
- 25mm 1.5 MP, Manual Iris Lens, 2/3", F1.4
- 3MP 3.8~13mm Manual Iris Lens, 1/2" F1.4

Part No.
VSLM-FJ9MP1.5
VSLM-FJ12.5MP1.5
VSLM-FJ16MP1.5
VSLM-FJ25MP1.5
VSLM-FJ3.8-13MP3

Tamron Megapixel Lenses

Available in:
- 3MP 4~12mm Varifocal 1/2" Lens, F1.4, Auto Iris
- 3MP 5~50mm Varifocal, 1/3" Lens, F1.4, Auto Iris
- 3MP 25mm Manual Iris Lens, 1/1.8", F1.4

Part No.
VSLA-TM4-12MP3
VSLA-TM5-50MP3
VSLM-TM25MP3

CAMERA HOUSINGS & BRACKETS



Armoured Dome Housing without Camera

This high quality armoured dome camera housing provides a weatherproof, tamper-resistant solution for both indoor and outdoor security applications.

- Corrosion resistant aluminium base
- Impact resistant polycarbonate cover
- Tamper-resistant screws
- Dimensions: 85(H) X 145(Dia)mm

Part No.
VSARMOURDOME



Weatherproof Camera Housing with Bracket - Suitable For Cameras No Larger Than: 76(W) x 62(H) x 220(L)mm

Constructed from light weight solid weatherproof aluminium, this housing is ideal for outdoor use.

- Suitable for cameras no larger than: 76(W) x 62(H) x 220(L) mm
- Dimensions of housing: 110(W) x 100 (H) x 340 (L) mm

Part No.
VSCA13



Weatherproof Camera Housing with Bracket- Suitable For Cameras No Larger Than: 76(W) x 72(H) x 260(L)mm

This housing has been IP66 certified and is constructed from light weight solid weatherproof aluminum making this housing ideal for outdoor use.

- Suitable for cameras no larger than: 76(W) x 72(H) x 260(L) mm
- Dimensions of housing: 113(W) x 106(H) x 410(L) mm

Part No.
VSGL606



Classical Camera Housing - Suitable For Cameras No Larger Than: 90(W) x 70(H) x 230(L)mm

This housing is constructed from extruded aluminum and is powder coated and stove finished. The design and manufacture is to the highest technical standard with environmental protection to level IP 66. The housing is supplied with an adjustable cable managed mounting bracket.

- Suitable for cameras no larger than: 90 (W) x 70 (H) x 230 (L) mm
- Dimensions of housing: 110(W) x 100 (H) x 340 (L) mm

Part No.
VSTPH-1000



Swivel & Tilt Short Metal Camera Bracket - 100(L)mm

- Swivel & tilt metal camera bracket
- Dimension of bracket: 100(L)mm

Part No.
VSCA11



Pole Bracket

- Allows camera mounting on poles with adjustable fixing bands

Part No.
VS15-CD04BV



Swivel & Tilt Plastic Camera Bracket - 150(L)mm

- Swivel & tilt plastic camera bracket, off-white colour
- Dimensions of bracket: 150(L) mm

Part No.
VSCA9



Tinted Dome Covers 8" - 12" - 14"

Available in 8"/12"/14"(Dia)

Part No.
VSTD8
VSTD12
VSTD14



Outdoor Housing & Pendant Set

This heavy duty dome housing is constructed from 1.6mm powder coated aluminum. A versatile camera mounting bracket allows the correct positioning of the camera lens. 180mm is the recommended maximum length of the camera and lens combination.

- Dimensions of housing: 275(W) x 330(H) mm (including wall bracket)

Part No.
VSPTZHOUSINGEX



Outside Corner Bracket - For use with VSPTZHOUSINGEX only

- Waterproof bracket suitable for mounting your camera externally in corners.
- For use with VSPTZHOUSINGEX only

Part No.
VS15-05BM



3 Feet Straight Bracket - For use with VSPTZHOUSINGEX only

- Supplied in three screw together sections with bottom mounting flange.
- For use with VSPTZHOUSINGEX only

Part No.
VS15-CD03BV3



6 Feet Straight Bracket - For use with VSPTZHOUSINGEX only

- Suitable for mounting cameras in high locations where maximum field of view is essential
- For use with VSPTZHOUSINGEX only

Part No.
VS15-CD03BV6

NEW!



Arecont Vision 6 Inch Indoor and Outdoor Dome Housings for Arecont 180°/360° 6" Megapixel Domes.

These high-quality environmental vandal-resistant housings have been designed for the VSAV-8180, VSAV-8185, VSAV-8360 and VSAV-8365 cameras.

The dome is available in a wall or ceiling mount for an indoor or outdoor application.

The dome is water resistant, rated IP66 making it ideal for outdoor usage under most weather conditions. The housing allows easy access to the camera for simpler installation.

Products Available:
Indoor 6" Ceiling Mount Vandal Resistant Dome: VSAV-D61C
Indoor 6" Wall Mount Vandal Resistant Dome: VSAV-D61W
Outdoor 6" Ceiling Mount Vandal Resistant Dome: VSAV-D61CH
Outdoor 6" Wall Mount Vandal Resistant Dome: VSAV-D61WH

Part No.
VSAV-D61C
VSAV-D61W
VSAV-D61CH
VSAV-D61WH

Please check our website for the latest product release!



CAMERA ACCESSORIES



RF Modulator for Surveillance Cameras

This unit allows the connection of a CCTV camera with or without sound to a TV that has a TV aerial socket / RF socket. It has 2 RCA plugs. 1 x video, 1 x audio and a DC socket for a 12VDC power supply (100mA).

Part No.
VSARFMOD

4 Way Video Distribution Amplifier - Split 1 Video Signal Into 4



- For splitting 1 video signal into 4 without Signal Loss
- 1 x Composite Video Input
- 4 x Composite Video Outputs
- Power: 240 VAC

Part No.
VSCA17

Composite (BNC / RCA) to VGA Converter



- Converts Composite to VGA
- Output Resolution up to 1280 x 1024 @ 60Hz
- Allows Use of Cost Effective PC / VGA Monitors with DVRs
- Includes 5VDC Power Supply

Part No.
VID2VGA

Audio Microphone with Pre-Amp



- Add-on mini audio microphone, for all cameras that require an audio function
- The microphone is designed to be mounted next to the camera.

- Features:
- High sensitivity microphone
 - Audio output 2Vp-p (max)
 - Power requirement 12VDC @ 10mA

Part No.
VSAMICV2

Inline Add-on Audio Microphone



- Inline Add-on Mini Audio Box
- Designed for use on all cameras
- Connect directly to the camera and monitor/DVR

- Features
- High sensitivity microphone
 - Audio output 2Vp-p (max)
 - Power requirement 12VDC @ 10mA
 - Dimension 48 x 15 x 9mm (audio box)

Part No.
VSAMICINLINE

CASH REGISTER INTERFACE SOFTWARE



CCTV Cash Register Interface

The VSCASHOSD is an excellent tool for controlling inventory shrinkage and loss prevention. When interfaced between a cash register and DVR, the unit overlays the register transaction data onto the video picture to get the complete picture of every transaction. The 24 programmable exceptions provide on-screen alerts, making the finding of suspicious transactions fast and simple.

Main Features:

- Programmable alarm outputs.
- Alarm input for drawer open, safe open, etc.
- Programmable delayed screen blanking
- Choice of 1 to 11 lines displayed on-screen
- On-screen titler up to 40 characters
- Gray scale and border selection from front panel
- Built-in test mode
- Built-in cash register demo
- Upload/download programming to a PC or another VSCASHOSD
- Data captured either to the memory or to the serial port
- Local Firmware Downloadable
- Local / Remote Programming via PC Software
- Supports Hydra/Regcom/Networker/Vnetworker networking communications products



Part No.
VSCASHOSD

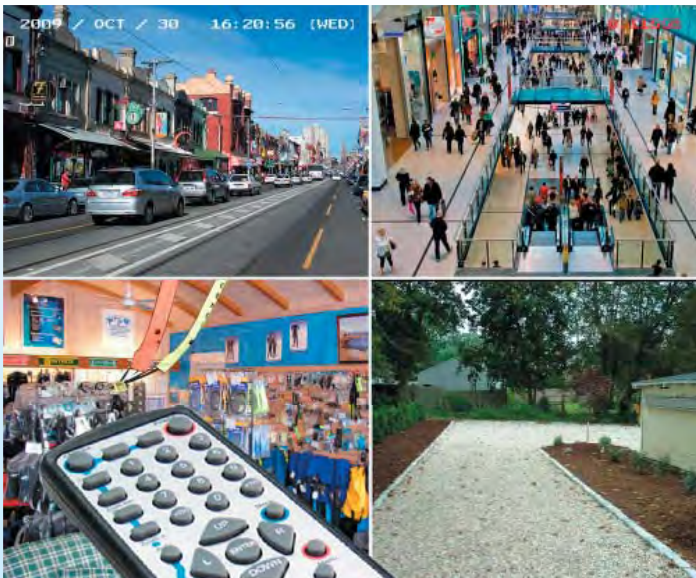
STAND ALONE DIGITAL VIDEO RECORDER



Watchguard 4 Channel H.264 Network DVR

The Watchguard DVR4CHSOV5H264 is one of our Real-Time 4 Channel H.264 Network DVRs, and it is the ideal product for use in a home or small business, when the owner is after a high quality Digital Video Recorder with entry level functions. The DVR utilises H.264 Video Compression technology, which allows the DVR to record higher resolution images without increasing the image file size. This maximises the amount of footage which can be stored on the internal 250GB hard drive. Installation and setup of the DVR couldn't be easier thanks to the "Plug and Play" setup and user friendly On-Screen Menu. The OSD can be easily navigated by the user via the DVR Front Panel or operated wirelessly by using the included IR remote control. Recorded video footage and images can be viewed and played back on the DVR. When you need to retrieve the video footage (ie: Evidence) from the DVR, simply use the OSD to backup the footage to a USB Flash Drive via the external USB port, or backup the footage to a remote PC via a network.

- **H.264 Video Compression**
- **Real Time Live Display**
- **Recording Rates: 704x576 (25fps), 704x288 (50fps), 352x288 (100fps)**
- **USB & Network Backup**



Video Compression Format	H.264
Recording Resolutions	704 x 576, 704x288, 352x288
Max. Recording Frame Rate	100FPS Global
Max. Display Frame Rate	100FPS 'Real - Time Display'
Backup Methods	Network Remote & USB Backup.
Hard Drive Bays	1 x SATA HDD (1TB Capacity)
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration



Part No.
DVR4CHSOV5H264



4, 8, 16 Channel Linux Embedded Stand Alone Digital Video Recorder

Featuring MPEG4 Video Compression Technology, built in CD/DVD burner/USB backup and network/remote Internet access, our range of Watchguard™ DVRs have everything for the conscientious home or business owner wanting to set up a quality stand alone digital surveillance system. The DVRs can record up to 25 image frames per second per camera (25FPS Per Channel based on 16 Channel DVR) and the systems utilise MPEG-4 video compression technology, enabling them to record high quality images with reduced file sizes, maximising the amount of footage that can be recorded on the hard drive. The Triplex operation increases the functionality of the system, with support for simultaneous live monitoring, remote playback and file backup. The unit is easy to operate, and the simple on screen display menu allows the user to search recorded footage and alter settings as required. If networked to a Windows PC, footage can be viewed and backed up via the network using the included software and if the network has a high speed internet connection, footage can also be viewed remotely over the internet.

- **4, 8 & 16 Channel Available**
- **MPEG4 Based Compression**
- **Real Time Live Display**
- **Recording Rates Up to: 200fps @ 352x288/50fps @ 704x576**
- **USB, CD-RW/DVD and Network Back Up**
- **User Friendly On Screen Display Menu**
- **Infrared Remote Control**
- **Embedded Linux Operating System**
- **USB Mouse Compatible**



* Monitor Not Included





Part No.
DVRWGUARD4V3



4 Channel MPEG4 Linux, Stand Alone DVR With CD/DVD/USB Backup, IR Remote & USB Mouse

Video Compression Format	MPEG4
Recording Resolutions	352x288, 704x576
Max. Recording Frame Rate	100 FPS Global
Max. Display Frame Rate	100 FPS (Real-Time Display)
Backup Methods	CD / DVD / USB
Hard Drive Bays	2xHDD + DVD Burner
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration

* Hard drive not included



Part No.
DVRWGUARD8V2



8 Channel MPEG4 Linux, Stand Alone DVR With CD/DVD/USB Backup, IR Remote & USB Mouse

Video Compression Format	MPEG4
Recording Resolutions	352x288, 704x576
Max. Recording Frame Rate	200FPS Global
Max. Display Frame Rate	200 FPS (Real-Time Display)
Backup Methods	CD / DVD / USB
Hard Drive Bays	2xHDD + DVD Burner
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration

* Hard drive not included



Part No.
DVRWGUARD16V2



16 Channel MPEG4 Linux, Stand Alone DVR With CD/DVD/USB Backup, IR Remote & USB Mouse

Video Compression Format	MPEG4
Recording Resolutions	352x288, 704x576
Max. Recording Frame Rate	200FPS Global
Max. Display Frame Rate	400 FPS (Real-Time Display)
Backup Methods	CD / DVD / USB
Hard Drive Bays	2xHDD + DVD Burner
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration

* Hard drive not included



HIGH RESOLUTION



ULTRA HIGH PERFORMANCE 400 FRAMES PER SECOND REAL TIME DVR

Securview High Resolution 16 Channel Real-Time 400FPS @ D1 Stand-Alone DVR

Introducing the Securview™ DVR16400D1, the latest "State-of-the-Art" 16 Channel Real-Time DVR. As the name suggests, this ultra high performance standalone DVR can capture 400 frames per second at full D1 resolution. This is an incredibly high quality Korean made machine with features and performance the equal or better of many major brand machines - but at around half the price! We dare you to compare this machine against any other premium brand standalone DVR on the market. You will not be disappointed!

Record 16 Channels at D1 Resolution at 25FPS per Camera!

The DVR boasts incredible performance and ease of use, with world-class playback smoothness & quality, display, recording & backup options. We are confident that this DVR is arguably the best value real-time machine available in Australia with HDMI monitor support, 4 customisable spot monitor outputs, Gigabit LAN, enhanced multi-layer motion detection, POS integration, RAID1 HDD Support (up to 8 HDDs) and e-SATA external storage options plus much more. The user friendly GUI makes retrieving and playing back footage easy, whilst the on-screen menu system ensures that you're able to easily configure the DVR to meet your requirements.

No matter what the application, the Securview DVR16400D1 is a High Quality DVR which combines power, functionality, user accessibility and aesthetics, providing you with a top quality surveillance solution at a competitive price.

- **User Accessible CMS Available**
- **Supports RAID1, up to 8 HDDs**
- **Optional External Storage with e-SATA**
- **Digital Inputs/Outputs: 16 Inputs/4 Outputs**
- **HDD Status and Diagnostic Display**
- **Pre-loaded POS integration via RS232**
- **E-Map Capability**
- **Stylish Case Design**
- **RS485 PTZ Control**
- **2U Rack Mountable**
- **Intuitive OSD Menu System**
- **Record and Display at D1 Resolution at 25FPS per camera**
- **MPEG-4 Video Compression Format**
- **Gigabit LAN**
- **4 Spot Monitor Outputs (Customisable)**
- **HDMI Video Output**
- **Multi-layer Motion Detection with individual sensitivity settings**
- **Multiple Backup Methods: USB, DVD-R, e-SATA**

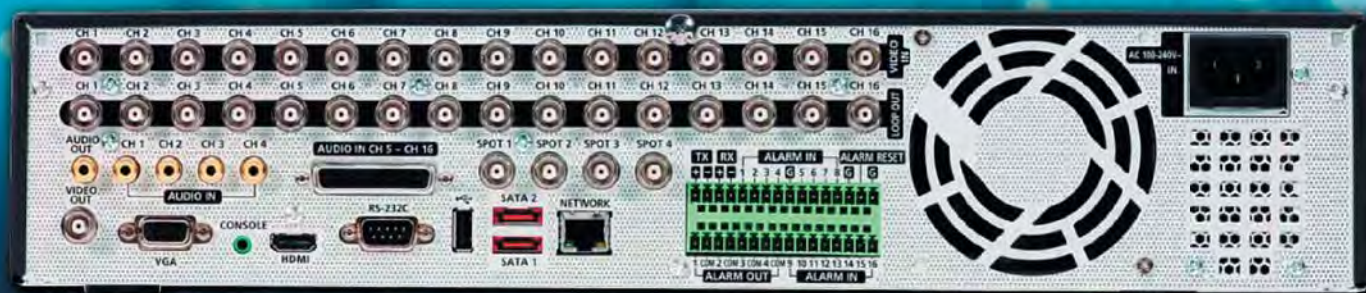


IDEAL FOR:

- Schools, Museums, Banks
- Mid to Large Businesses
- Commercial Premises
 - Retail Outlets
 - Supermarkets

Video Compression Format	MPEG-4
Recording Resolutions	704x576 / 704x288 / 352x288
Max. Recording Frame Rate	400fps @ D1
Max. Display Frame Rate	400fps
Backup Methods	CD/DVD, 1 USB memory, E-SATA, Network
Network Functionality	PPPoE, DHCP, Static IP, TCP/IP, HTTP, SMTP, NTP Support

Maximum Storage	8 HDD (SATA)
Display Configuration	1x1, 2x2, 3x3, 4x4, 1+5, 1+8, PIP, Sequence
Video Output	Composite, VGA, HDMI,
Audio In/Out	16CH Line In / 1 CH Line Out
Hard Drive Bays	8 Internal



Part No.
DVR16400D1

SECURVIEW™ PLATINUM SERIES 100FPS @ D1

**16
CHANNEL**



* Monitor Not Included

Platinum Series 16 Channel 400 FPS DVR

The Next Generation top of the range DVR PLATINUM SERIES features 400FPS display rate (REAL TIME) which is essential for prolonged periods of video monitoring (as it eliminates headaches and sore eyes). The PLATINUM400L has a 400FPS global recording frame rate and the user can select to record in either Standard Resolution or High Resolution. It has the ability to be remotely viewed from anywhere around the world by simply logging in to the system via your web browser. The included multi-host software allows multiple DVRs to be connected on a network to provide simultaneous viewing and control of up to 256 cameras. The DVR Platinum Series supports up to 5 hard disk drives allowing for a maximum of 5.0TB to be utilised.

- >>> 400 FPS REAL-TIME DISPLAY RATE
- >>> 400 FPS RECORDING RATE @ CIF / 100FPS @ D1
- >>> HIGH RESOLUTION RECORDING
- >>> MULTI-HOST SOFTWARE
- >>> SUPPORTS VIDEO OVER IP
- >>> CD/DVD/USB & NETWORK BACKUP
- >>> STORE UP TO 5TB OF FOOTAGE
- >>> MPEG4 VIDEO COMPRESSION

Video Compression Format	MPEG4
Recording Resolutions	352 x 288 / 704 x 576
Max. Recording Frame Rate	400 FPS Global
Max. Display Frame Rate	400 FPS Global
Backup Methods	CD / DVD / USB
Hard Drive Bays	5
Network Functionality	Live View / Live Recording / Search / Setup / Backup

Part No.
DVRPLATINUM400L

PLATINUM MULTIHOST SOFTWARE

All of our PC based Linux DVR systems are suitable for commercial, industrial or residential use and come with the latest version of MPEG4 Multihost software, which enables you to be able to view up to 256 sites simultaneously.

Some of the software features include:

- Web Interface / NT Server & Inbuilt support for remote viewing
- MPEG4 Recording (high quality video compression)
- Simple network configuration
- View via the internet / LAN / WAN using your ethernet, broadband or cable connection (just enter in your DVRs IP address along with your username and password to view all of your cameras!)
- Remotely administer your Digital Video Surveillance system without having to be in front of it! Control it from anywhere around the world
- Pan / Tilt/ Zoom control
- Search for saved images
- Secure username & password login (Multi-Level)
- Multi-Host software - View multiple sites simultaneously
- Selectable display modes (eg. view cameras as: 2 x 2, 4 x 4 etc)
- Can be used with VSNTSERVER
- Remotely backup recorded video footage

Platinum Multihost Software - How It Works

This system gives you total control and flexibility, no longer do you have to imagine viewing all your sites at once the Technology is here and it's included with the Platinum series.

What Does It Mean?

In the example installation below the client has 3 sites located throughout Australia, using standard non multihost systems would only allow the remote monitoring site to be able to view one location at a time, however by using the Platinum series DVR's with the included Multihost Software you are able to view and control any combination of cameras and sites from anywhere around the world simultaneously. In the example the client has chosen 13 cameras from the NSW site, 11 from the Qld site and 15 from the VIC site, meaning all 39 cameras are displayed at once on the remote viewing screen. This system has total flexibility and can be changed at any time by simply selecting what combination of cameras you require, you can choose to view and control 1, 10, 20, 100, 200 cameras or more simultaneously.



Benefits:

In today's changing world businesses are wanting to monitor their operations more closely for a number of reasons including, time and motion studies, OH&S, staffing issues and security. By being able to view multiple sites simultaneously businesses can take an overall look at their operations and compare what works at different sites and what does not, allowing them to streamline their operations for maximum effectiveness. OH&S problems and staffing issues can be recognised and rectified and one person can maintain effective security surveillance over multiple locations. The Platinum series has been designed to offer a packaged solution that suits all businesses from small single unit installations to large multi national organisations.

ADVANCED SOFTWARE - CMS MANAGEMENT TOOL

Platinum DVR Central Management Software (CMS)

The Platinum DVR CMS software offers users the most compelling remote monitoring solution available in the modern IP-Surveillance security market. It has capabilities to view, search data and control up to 1,024 cameras from any combination of up to 64 Linux DVR Software products worldwide via Internet. The powerful video data handling proficiency allows Linux DVR Software ACMS to handle high quality CIF and D1 resolution with ease. It is compatible with any of our MPEG4 Linux DVRs and NT Servers and is designed run constantly 24hours a day, 7 days a week.

Main Features

- User-friendly GUI with easy and instinctive controls
- Live monitor (up to 256 cameras in multiple windows)
- Up to 256 Hosts
- Event (motion) monitor and search
- Host manager for NT and Linux DVRs
- Remote Window for camera controls such as PTZ and presets, contrast, hue, colour
- Toolbox for top-level menubox, quick connect function
- e-map for displaying direct location of camera
- Log Monitor

Powerful Event Management

- In real-life monitoring, it may be strenuous for users to identify vital problems instantly from the video data. Therefore, Linux DVR Software ACMS provides effective event management functions in order to deal with video data from multiple cameras or DVRs.

Multi-Monitor Support

- The application of single window program will be inadequate to accommodate the diverse functions of CMS. Linux DVR Software ACMS allows users to allocate relevant functions independently in order to support monitoring using multiple monitors.

Search and Backup

- Specific video data backup and search on event basis is vital for incident capture and evidence material retrieval. To support such functions, Linux DVR Software ACMS is enriched with application of event basis search manual backup and event based automatic backup, scheduled backup and much more.

* For further information on this product please visit us at www.rhino.com.au or contact our sales office.



Linux DVR Software ACMS Multi-Monitor View

Part No.

DVRCMSAPP



(Side View 1)

(Side View 2)

Platinum Series Network Video Web Server

The VSNTSERVER encodes and decodes video/audio/control data for transmission over an IP network, so you can convert an analogue camera into a network attached recording device. Not only can it be accessed anywhere in the world, it can also be recorded over your network to a Linux based digital video recorder (DVR), saving you money on long coax runs and installation costs. Two of these units can also be used in a transmitter/receiver setup for analogue video transmission over a network, without the need for coax or even a DVR system.

- Converts CCTV analogue data into digital MPEG4 data
- Designed to be mounted to walls with aluminum case to prevent overheating
- Transmission of 25fps high resolution video images
- Bi-directional audio support for voice communication
- Application for mass scale monitoring terminal through SNMP V2 support
- Designed for use with our Platinum Series DVRs
- Utilises Platinum DVR as the video storage/distribution device
- Ability to modify transmission volume through motion detection/sensor input
- Directly accessible via Web Interface and Multihost Software
- PTZ camera support
- Sensor Input and Relay output
- Adjustable bandwidth, image rate and image quality
- 130mm x 145mm x 25mm

Part No.

VSNTSERVER



High Resolution Platinum DVR Card - 16 Channel, 400 FPS

- Features Hardware Compression

Video Inputs	16
Audio Inputs	16
Global Framerate	400fps @ Cif 100fps @ D1
Supported Resolutions	352 x 288 / 704 x 288 / 704 x 576
Realtime Display	Yes
Onboard RS-485	DVD+RW, USB (2 Front)
Digital Input/Outputs	16/16 Optional
Monitor Outputs	1

Part No.

PLATCARD400E

NEW!

DIO Board for the Platinum DVR

- 16 Sensor Inputs / 4 Alarm Outputs



Part No.

DVRDIO3

Customisable DVR Package Solutions To Match *Your* Requirements

Here at RhinoCo Technology we strive to provide our clients with the products and services that meet the clients needs. If you require a customised digital monitoring package, contact us now.



MAIN FEATURES:

- Store up to 80TB (82,000 GB) worth of recorded video footage over 16 machines.
- RAID support available for drive mirroring and extended recording capabilities.
- Record up to 3200 frames per second globally.
- REAL-TIME recording and playback available.
- SMS notifications can be sent to your mobile phone whenever an important event occurs (such as power loss, data corruption, network transmission failure etc.)
- Email Alerts - Your system can send emails on a range of events (eg. Motion Detection, Video Loss, Hard Drive Failure).
- Secure and lockable systems

ALSO AVAILABLE:
[RACKMOUNT POWER SUPPLIES](#)
[RACKMOUNT BALUNS](#)



UPS - UNINTERRUPTIBLE POWER SUPPLY

Provide power protection for your video surveillance systems in the case of a power failure. These units will power your video surveillance systems for an extended period of time and will activate an audible alarm alerting you that power has been lost, allowing you to safely shutdown your systems without any data loss.



DIGITAL VIDEO RECORDERS

Mount up to 16 Digital Video Recorders for a complete CCTV solution.



KVM - CENTRAL KEYBOARD, VIDEO & MOUSE

View and control multiple DVR & PC systems through the 1 keyboard, monitor and mouse. Change between machines with a simple push of a button or keyboard.



SMS SYSTEM NOTIFICATION MESSAGES

By utilising the Rhino TSMS, your system can be setup to send an SMS message to up to 5 mobile phones whenever an important event occurs (eg. Power loss, failure).



RS232/485 CONVERTER - PTZ, ZOOM & CUSTOM FUNCTION

Converts RS232 signals to RS485 to allow control of 256 PTZ cameras from the client software. RS485 repeaters and customisable protocols are available.



MULTI-HOST SETUP & OTHER NETWORKING OPTIONS...

Remotely view up to 256 cameras from anywhere around the world. Setup remote connections to your sub-branches to be viewable from your headquarters.



VIDEO OUTPUT OPTIONS FOR SPOT MONITORS...

Setup monitors remotely to display recorded & live recording footage.



OPTIONAL PACKAGE PRE CONFIGURATION

Have your customised package setup prior to delivery to your premises for a simple 'plug and play' installation - no configuring required.



ETHERNET SWITCHES

Rack mount ethernet switches can connect up to 16 DVRs.

HYBRID NETWORK VIDEO RECORDER (ANALOGUE / IP CAMERAS)

exacqVision® Pro

PREPARE TO BE 'BLOWN AWAY!' Brilliant Reproduction

- Configure any combination of Analogue/IP/IP Megapixel Cameras
- Support for industry leading brands of IP Cameras, Access Control systems and Retail Analytics
- Advanced Searching & Zoom Functions in both Live View and Playback



Support for leading IP camera brands such as:

Support for leading Access Control brands such as





ADVANCED HYBRID VIDEO SURVEILLANCE SOLUTIONS

How does a CCTV system which can provide images TWICE the quality of Blu-ray video sound? How about an infinitely scalable system with the highest level of integrated support for IP Cameras, Access Control and Retail Analytics from industry leading brands?

The Securview Exacqvision range of NVRs represent the leading edge of Analogue, Hybrid, IP and Megapixel IP video surveillance solutions. Exacqvision has been designed in the USA as a complete multi-platform security solution capable of recording all formats on one dedicated server platform. The system can seamlessly integrate analogue, IP and Megapixel IP cameras without the need for converters or external software. The software supports individual configuration of the cameras, allowing each camera to record at it's own resolution using the specified compression format! (MPEG4, MJPEG, H.264) Each Securview Exacqvision NVR can support from 4-32 Analogue cameras like any normal DVR and can be expanded to a total of 64 IP cameras per server.

The Securview Exacqvision Server can be supplied in 2 formats - Windows or Linux. The client software is pre-installed on the server, and can be installed and utilised on as many client related PCs as required. For greater accessibility, the client software is available in 3 formats; Windows, Linux or Mac.

Why choose Securview Exacqvision?

The Securview Exacqvision range of NVRs have been recognised as one of the number 1 client server platforms. The system provides full compatibility and support with a wide range of industry leading IP camera manufacturers such as Arecont Vision, Stardot, Axis, Sony, Panasonic, ACTi, IOIMAGE and many more. The support for such a wide range of cameras means that you aren't tied into buying 1 brand of camera - you have freedom of choice to get the best value solution for your client's needs.

If its wide range of IP Camera support wasn't enough, the Securview Exacqvision is also fully compatible with a number of leading edge Access Control companies such as Lenel, Cardax, DSX, ICT and PCSC, as well as fully supporting a number of Retail Analytic companies like MicrosRetail and Sensormatic. These companys' software integrates with the Securview Exacqvision software on all levels of security.

True Hybrid NVR

Seamlessly mix any combination of Analogue & IP cameras to create a truly Hybrid, scalable enterprise video surveillance system

Intuitive User Interface

- Contemporary, Intuitive User Interface requires minimal training to operate
- Common client softwares allows for connection of multiple servers to create scalable networks
- Powerful video and audio export features
- Powerful E-Map function

Extensive IP Camera Support

- Standard, PTZ and Megapixel cameras of any resolution
- Supports cameras from industry leading manufacturers, including Acti, Arecont Vision, Axis, Sony, and IQinvision
- Each server is expandable to up to 64 IP cameras

Powerful System Integration

- Support for a wide range of IP cameras, as well as integration with leading access control systems, retail analytics, iSCSI storage and much more

Fully Functional Multi-Platform System

Securview Exacqvision software is available for Windows, Linux and Mac

Secure and Stable Client Server Architecture

- Unlimited clients can connect to each server
- Server software runs of standard Windows and Linux platforms
- Browser client for viewing and playback in any web browser
- Mobile Support: View, search & playback on javascript-enabled mobile browsers such as Blackberry, Windows Mobile and iPhone

Advanced E-Map Functions

Maps can be imported from any image source. Cameras can be placed on maps. Seamlessly drag and drop maps and cameras in a view. Alarm events on maps create animated icons that can be selected for immediate assessment

Entry Level to Enterprise Solutions Available

As it is an infinitely scalable surveillance solution, the Securview Exacqvision can be customised to suit any number of applications, from an entry level 4 camera system to a multiple-server enterprise setup.

Intuitive GUI:

Intuitive Inbuilt Client Software

Each server has inbuilt client software which allows you to configure, view, record and playback footage.

Camera 'Drag and Drop' Setup

Customise the GUI to suit your needs. A simple tree structure displays all the cameras connected to the server. To view the cameras, simply drag the camera into the display window, as many times as needed (useful for Live Zooming function, see below).

Multi-Platform Use

The Securview Exacqvision client is compatible with Windows, Linux and Mac Operating Systems. In addition to this, the Exacqvision Web View supports all major internet browsers (Internet Explorer, Firefox, Opera, Safari, Chrome) and the Mobile Client is compatible with Blackberry, Windows Mobile and i-Phone devices.



Live View Display

Advanced Zoom Functions:



Live View Zooming



Playback Zooming

Live View Advanced Zoom Functions

One of the features which sets the Securview Exacqvision system apart from its competitors is the integrated Live Zoom feature. This allows you to not only display the same camera multiple times in the same window, but by simply clicking and dragging a window around an object of interest, you can zoom in to focus upon a specified area. These zoom settings can be saved for easy retrieval and use when reviewing playback.

Imagine being able to monitor multiple points of interest from the one camera in real time!

Advanced Zoom Playback Functions

The Securview Exacqvision Playback function provides the same level of advanced zooming as the live view. Click and drag on areas of interest in the display windows, and playback the footage. The system also allows you to apply any saved view settings when reviewing and playing back footage, instantly restoring your defined zoom settings.

Easily Configure the Live View and Playback Setup

The Securview Exacqvision software allows you to playback and review footage from multiple cameras at the same time. Simply drag and drop the required cameras into the display windows and apply any required zoom settings. The footage can be sorted by time and date recorded, by event trigger or by camera, making selecting the necessary footage easy.

Powerful Searching

Search for and view video from multiple cameras across multiple Securview Exacqvision servers simultaneously. Navigate quickly and easily through the footage to find necessary events. Footage can be exported in multiple formats. It can be exported as a standard video file (.avi) for reviewing in media playing software without advanced zoom functions; or the system can export the footage as a self-executable file which will open on any PC. The benefit of this method is that the executable file includes the viewing software allowing you to access the advanced functions such as selective zooming.

Securview ExacqVision Pro 4 Channel Hybrid Network DVR

Video Compression Format	MPEG4 , H.264, MJPEG
Recording Resolutions	CIF/2CIF/D1 + Megapixel ³
Analogue Record Rate	Real time @ CIF
IP Camera Record Rate	Camera dependant
Analogue Camera Inputs	4
IP Camera Inputs	8 ¹
Hard Drive Size	320GB ²

320 GB Hard drive included

Part No.	DVREXAQ4CHPRO
----------	---------------

Securview ExacqVision Pro 16 Channel Hybrid Network DVR

Video Compression Format	MPEG4 , H.264, MJPEG
Recording Resolutions	CIF/2CIF/D1 + Megapixel ³
Analogue Record Rate	Real time @ CIF
IP Camera Record Rate	Camera dependant
Analogue Camera Inputs	16
IP Camera Inputs	8 ¹
Hard Drive Size	320GB ²

320 GB Hard drive included

Part No.	DVREXAQ16CHPRO
----------	----------------

Securview ExacqVision Pro 32 Channel Hybrid Network DVR

Video Compression Format	MPEG4 , H.264, MJPEG
Recording Resolutions	CIF/2CIF/D1 + Megapixel ³
Analogue Record Rate	Real time @ CIF
IP Camera Record Rate	Camera dependant
Analogue Camera Inputs	32
IP Camera Inputs	8 ¹
Hard Drive Size	320GB ²

320 GB Hard drive included

Part No.	DVREXAQ32CHPRO
----------	----------------

Securview ExacqVision Pro 64 IP Channel Network Video Recorder

Video Compression Format	MPEG-4, MJPEG, H.264 by camera
Recording Resolutions	CIF to 5 Megapixel
NIC	1Gbit 100Base T RJ-45
USB 2.0 PORTS	8 (2 front, 6 rear)
Operating System	Windows XP Pro or Linux
DVD/CD RW	Yes (front panel access)
Serial Connections	1 serial port

320 GB Hard drive included

Part No.	DVREXAQNVR2RU
----------	---------------

² Upgradable to 2 x 2 TB

¹ expandable to 64 IP cameras

³ Analogue Max. D1 / IP Mega Pixel Recording Rate is camera dependent



High Capacity Additional Network Attached Storage in 16 Bay 3RU Case

Designed to be used as additional high capacity storage for your NVR.
- Includes 500W PSU

Does not include a hard drive

Part No.	DVRNAS3RU16B
----------	--------------

Securview Exacqvision Single Channel IP License

- Single Channel License for Securview Exacqvision NVRs

Part No.	DVREXAQLIC
----------	------------

Full Product Compatibility List:

IP Cameras

- Acti
- American Dynamics
- Arecont Vision
- AXIS Communications
- Basler Vision Technologies
- Canon
- CBC Corp
- D-Link
- Digital ID View
- GE Security
- Honeywell
- IO Image
- IPX
- IQinvision
- Panasonic
- Sony
- Speco Technologies
- Stardot
- Vivotek

Access Control

- Cardax
- DSX
- ICT
- IDenticard
- Keyscan
- Lenel
- Maxxess
- PCSC
- RS2 Technologies
- S2 Security

iSCSI Storage

- AC&NC
- DNF Security
- Intransa
- Pivot3
- Scale

Retail Analytics Wireless Networking

- Micros XBR Retail
- Sensormatic

- Firetide
- Hautespot

Video Analytics

- IO Image
- Viasys



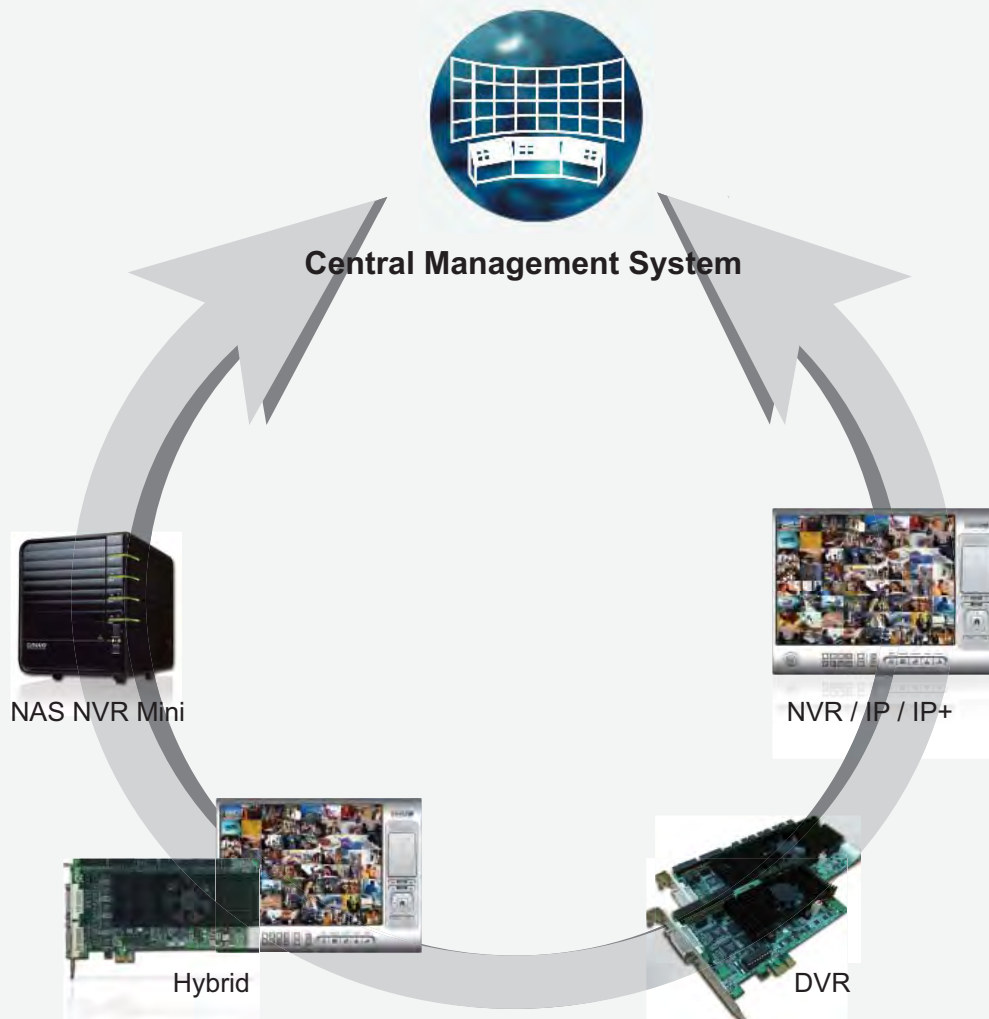
The World's Leading NVR Manufacturer

The Securview NUUO is the next generation in Digital Surveillance Technology. It allows complete customisation regardless of whether you require IP, Analog or a Hybrid solution. It supports virtually unlimited storage space through the use of Network Attached Storage (NAS) devices. The Securview NUUO can even record 32 Channels of D1 (720 x 576) in real time using its H.264 hardware compression cards.

 **NUUO**
The Intelligent Surveillance Solution

Securview NUUO Surveillance Solutions: How Can it Assist You?

Securview NUUO provides scalable surveillance solutions that fulfill the needs of monitoring, patrolling and analysing clients for all sizes. The key solution is the Central Management Systems (CMS), which is a powerful software designed to allow management of an unlimited number of analogue and IP cameras worldwide. No matter what the size of your business, Securview NUUO will individually tailor a solution for you.



Large Projects

Factories, commercial buildings, apartment buildings, community monitoring, justice departments, banks, department stores etc.

Midsized Projects

Factories, commercial buildings, apartment buildings, community monitoring, retail stores, banks, department stores etc.

Small Projects

Homes, shops, clinics, coffee shops, restaurants, offices, jewellery stores, etc.

As you can see, whether it's a large scale industrial project or a small business, the Securview NUUO range of surveillance systems are the ideal DVR, Hybrid or IP solutions.



PRESENTS THE NEW GENERATION IN

HIGH DEFINITION

2 MEGAPIXEL VIDEO SURVEILLANCE SYSTEMS

Up to **20X** Better Image Quality Than Traditional Analogue CCTV!



Complete pre-configured system with plug-in installation - no programming required



NEW!

Designed as a high quality security solution ideal for small businesses, this Watchguard™ HD 4 Channel IP-based CCTV system utilises 2 MP digital cameras providing up to 20x greater image quality than traditional analogue CCTV systems. The state-of-the-art monitoring and recording software provides managers with the best tools to prevent crime, monitor work place safety and improve productivity.

High Definition 4 Camera Network Video Recorder (NVR) Pack

Imagine the clarity of a High-Definition TV on your CCTV system! With the Watchguard™ HD NVR System you can view, record and playback high-definition (2 Megapixel) surveillance footage up to 20 times* the quality of traditional CCTV systems. The MPEG4 video compression technology efficiently minimises video storage space. With ultra sharp 1600 x 1200 pixel image resolution, the Watchguard™ HD NVR System gives you smooth high definition recording at up to 12.5 frames per second per camera. The Watchguard™ HD NVR system has been designed as a fully featured yet simple "Plug and Play" standalone product.

Product Features:

- Stand alone PC server platform
- IP based megapixel solution
- Digital zoom capabilities
- Supports megapixel IP cameras - up to 5 MP
- Dual monitor display
- E-map and GUI recording schedule
- Digital PTZ and multiple viewer
- Smart detection of 6 events and 10 instant responses
- Advanced video analytic functions such as Smart Search and Object Counting
- Integrated 4 Port POE switch for simple plug-in installation
- POS and I/O device integration (optional - additional part req.)
- Digital zoom up to 64x
- Remote live viewer, playback, backup, I/O control, desktop config.
- CD/ DVD/ USB/ network backup
- Multifunctional Playback with Smart Search
- Object detection and counting
- Event management – i.e email notification if camera signal is lost
- Digital Map – load a map of your premises and mark the camera locations
- Post-recording video enhancement
- Remote live view and backup
- Varifocal 4-9mm IR corrected megapixel camera lenses, adjust optical zoom to suit your required store view

Installing the system is as simple as plugging the cameras through a single pre-terminated CAT5 cable into the designated PoE sockets at the back of the Watchguard™ HD NVR and powering on. Once on, you will be able to operate the NVR through its intuitive mouse orientated menu system and protect your business with first-class video evidence.

* Many traditional CCTV systems installed are only capable of recording at CIF (352x288 pixels – approx. 0.1 megapixel) resolution. The Watchguard™ HD NVR System has a recorded resolution 20 times superior compared with CIF resolution. Compared with the most advanced analogue CCTV systems currently available which are capable of recording at maximum D1 resolution (704x576 pixels – approx. 0.4 megapixels), the Watchguard™ HD NVR System has a recorded resolution 5 times superior!

CAMERA SPECIFICATION

Image Sensor	2.0 MP 1/3" CMOS Sensor
Horizontal Resolution	1600 (H) x 1200 (V)
Min. Illumination	0.5 Lux @ F1.2
Lens	4-9mm Vari-Focal
Supported Resolutions	1600 x 1200, 1280 x 720, 800 x 600, 704 x 576, 640 x 480, 528 x 384, 704 x 288, 352 x 288, 176 x 144
Frame Rate	25FPS (D1), 25FPS (1280 x 720), 12.5FPS (2MP)
Video Compression	MPEG4
Dimensions	145 (Dia) x 159.8 (H)mm

NVR

Compression Format	MPEG4/MJPEG/H.264
Video Resolution	Supports CIF, 2CIF, D1, 1.3MP, 2MP, 3MP, 5MP
Divided Screen	1 / 4 / 6 / 9 / 10 / 13 / 16 / 25 / 36 / 49 / 64 / 12+1 / 16+1
Recording Mode	Continuous, event, motion, scheduled, manually, w/audio, auto recycle
Video Analytic Functions	General motion, missing object, foreign object, camera occlusion, lose focus, signal loss
Included Storage	1 Terrabyte HDD
Backup Methods	CD/DVD/LAN/USB
Dimensions	325 (L) x 208 (W) x 43 (H) mm

The Watchguard™ HD NVR Package Includes:

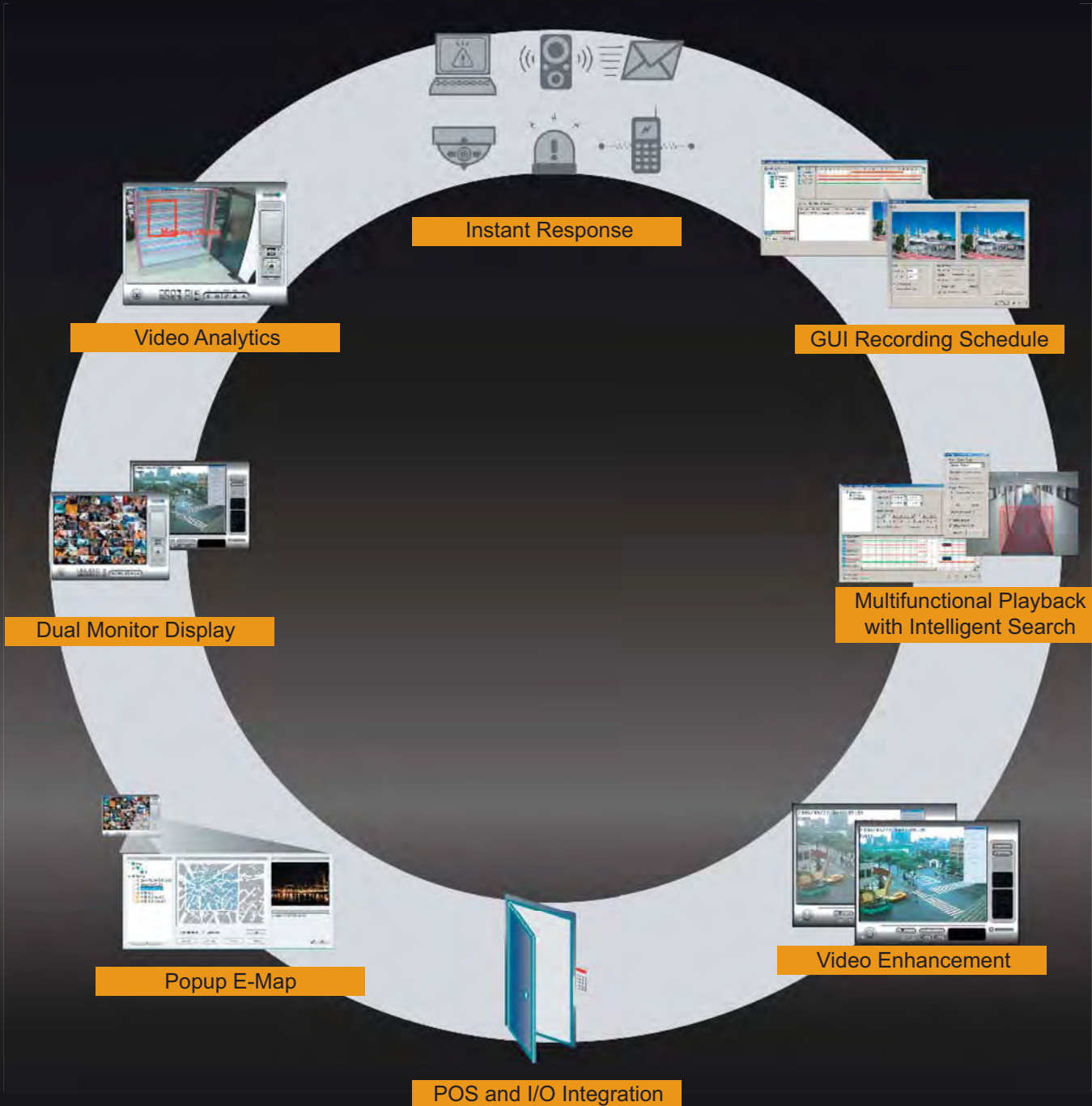
- 1 x Watchguard™ HD IP based NVR with 1 TB hard drive
- 4 x Watchguard™ HD 2.0 megapixel IP dome cameras
- 2x 10m, 1x 20m, and 1x 30m CAT5e camera connection cables
- 1x LAN connection cable (optional use)
- 1 x USB keyboard and mouse



Part No.

NVR4KIT

Main Intelligent Functions of the Securview NUUO Range



The Securview NUUO range of leading surveillance systems includes many powerful features. It manages up to 64 cameras simultaneously, provides a Dual Monitor real-time audio/visual display, intelligent detection, instant response, PTZ distance operation, GUI recording, real-time reviewer and filter, video enhancement tools, multiple I/O supports, and many others.

Main Intelligent Functions of the Securview NUUO Range



Video Analytics: General Motion



Video Analytics: Foreign Object



Video Analytics: Camera Occlusion



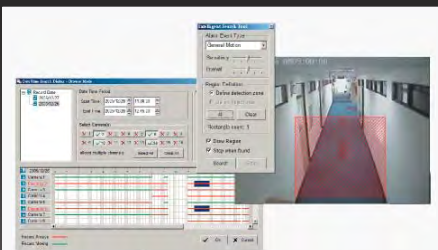
Video Analytics: Lose Focus



Video Analytics: Missing Object

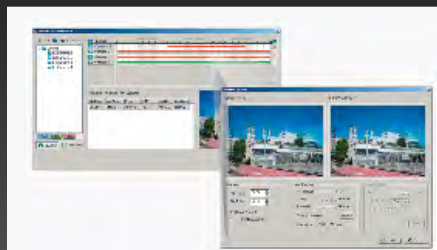


Video Analytics: Signal Lost



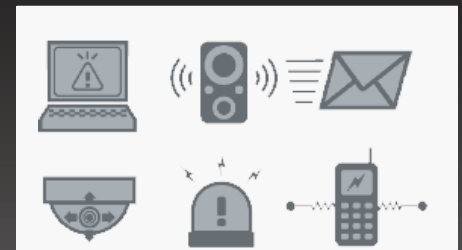
Multifunctional Playback with Intelligent Search

Narrow down the time it takes to search recorded footage by searching only for the selected video event. Intelligent Search-Easy Management saves time. Select a suspicious period of frames from hours of video footage and watch those frames only.



GUI Recording Schedule

Simple and user-friendly interface to set up surveillance cameras to guard, on any object. Easily access recorded footage to view events, with adjustable framerate.



Instant Response

Uses the Popup E-map to quickly indicate the location of devices. Alerts also display on monitor, activates an audio alert, sends emails, notifies CMS, Trigger Output activation and more...



Video Enhancement

Adjust video visibility, sharpness, brightness, contrast and greyscale. Enhance the video resolution for a clear accurate view of suspects.



Popup E-Map

The Securview NUUO i-Guard E-Map shows the location and status of all devices in the system, and also provides video preview of on-network cameras, allowing users to instantly respond to any event.



POS and I/O Integration

Securview NUUO NVR provides a wide range of flexibility in integrating associated I/O security devices, as well as having the capacity to receive POS transactions into the surveillance system via network.

SECURVIEW NUUO ACCESSORIES



Securview NUUO USB to RS232/422/485 Converter

External USB to RS232/422/485 converter.

Part No.
NUUO-C08



Securview NUUO 16 Channel Digital Input RS485 Module

16 Channel external digital input module for a Securview NUUO DVR or NVR. Product requires NUUO-C08 for operation.

Part No.
NUUO-C26



Securview NUUO 16 Channel Digital Output RS485 Module

16 Channel external digital output module for a Securview NUUO DVR or NVR. Product requires NUUO-C08 for operation.

Part No.
NUUO-C28



Securview NUUO POS Converter - Inserter

External POS Converter for Securview NUUO DVR and NVR. Can interface with POS/Cash Registers

Part No.
NUUO-C31



Securview NUUO 4 Port I/O Card (Alarms and Relays) Device with RS485 Port

This is an internal 4 Channel Alarm In, Alarm Relay Out device for a Securview NUUO DVR or NVR.

Part No.
NUUO-G3IO



Additional IP Camera Licenses

These sets of IP Camera Licenses are available in 1, 4, 8, 12, 16, 25, 32, 36, 64 quantities. IP licenses are only for use with the Hybrid Base Kit.

Part No.	Part No.
NUUO-IP01	NUUO-IP25
NUUO-IP04	NUUO-IP32
NUUO-IP08	NUUO-IP36
NUUO-IP12	NUUO-IP64
NUUO-IP16	

High Capacity Storage!



Network Attached Storage For NVR in 3RU Case

Designed to be used as additional storage for your Securview NUUO NVR.

Each NAS Includes:
 1 x 19 inch Rack Mount
 1 x Motherboard - Single Monitor Out
 1 x 1GB DDR2 RAM
 1 x Intel Processor - Dual Core
 1 x Operating System - Linux

Does not include a hard drive

Part No.
DVRNAS3RU



High Capacity Additional Network Attached Storage in 16 Bay 3RU Case

Designed to be used as additional high capacity storage for your NVR.
 - Includes 500W PSU

Does not include a hard drive

Part No.
DVRNAS3RU16B

SECURVIEW NUUO ANALOGUE SOLUTIONS

SECURVIEW NUUO 4/8/16 CHANNEL ANALOGUE DVRs

The Securview NUUO range represents the combination of high quality performance and product functionality. Our Securview NUUO Analogue DVRs are some of our premier standalone DVRs, making them the ideal product to use as an analogue solution for a new surveillance system or for upgrading a smaller scale analogue surveillance system.

The DVR interface has been designed for easy user interaction, and the system software contains many intelligent features which set the Securview NUUO systems apart from competitor products. These intelligent video analytic features include dual monitor display for simultaneous real time audio/visual display, playback and monitoring, POS and I/O integration for more effective system expansion and instant response functions to ensure that your system alerts you when an event occurs.

The 4, 8 and 16 Channel machines all utilise a high resolution H.264 capture card, allowing the machine to capture and display images at D1 resolution. The system is housed in a 19" 3RU Rackmount case for easy storage and operation.



- >> 100/200/400FPS @ D1
- >> H.264 IMAGE COMPRESSION
- >> OPTIONAL POS AND I/O DEVICE INTEGRATION
- >> GUI RECORDING SCHEDULE
- >> INTELLIGENT VIDEO ANALYTIC FUNCTIONS



NEW!



Specification

Model	NUUO4CHANNEL	NUUO8CHANNEL	NUUO16CHANNEL
Video Input	4 Cameras	8 Cameras	16 Cameras
Audio Input	4 Channels	8 Channels	16 Channels
Display Rate	100FPS	200FPS	400FPS
Recording Rate	100FPS @ D1	200FPS @ D1	400FPS @ D1
Video Resolution	176 x 144; 352 x 288; 704 x 576	176 x 144; 352 x 288; 704 x 576	176 x 144; 352 x 288; 704 x 576
Hardware Compression	H.264	H.264	H.264
Software Compression	MPEG4	MPEG4	MPEG4

Part No.

NUUO-DVR4A
 NUUO-DVR8A
 NUUO-DVR16A

SECURVIEW NUUO HYBRID NVR SOLUTIONS

SECURVIEW NUUO HYBRID NVR SYSTEMS

The Securview NUUO Hybrid NVR solutions have been designed for small to large sized businesses which may already have a small scale analogue surveillance system installed and are looking to make the move towards an IP based surveillance system.

Our Hybrid units are available in three main configurations:

- 4 Channel Analogue and 4 IP Licenses
- 8 Channel Analogue and 4 IP Licenses
- 16 Channel Analogue and 4 IP Licenses

The main benefit of using one of our hybrid systems is that they allow you to utilise up to 16 of your existing analogue cameras¹ whilst also giving you 4 IP camera licenses so you can make the transition to an IP based surveillance system².

Each NVR system can support a total of 64 Cameras³. Each unit includes the Securview NUUO analytic software, which enables high end operation and monitoring through the use of a range of intelligent functions such as notification of video analytic events like Foreign Object detection, Camera Occlusion, Loss of Focus and Missing Object detection.

Additional IP Camera licenses can be purchased as your system expands, making the Securview NUUO range of Hybrid NVR products a future-proof solution.



- >> 100/200/400FPS @ D1 (ANALOGUE)
- >> MAX. 64 CAMERAS PER SERVER
- >> H.264 IMAGE COMPRESSION
- >> INCLUDES ANALYTIC SOFTWARE
- >> OPTIONAL POS AND I/O DEVICE INTEGRATION
- >> SUPPORTED BY SECURVIEW NUUO CMS



NEW!

Main Features and Specification

Model	NUUO4+4	NUUO8+4	NUUO16+4
Analogue Video Input	4 Cameras	8 Cameras	16 Cameras
IP Camera Input	4 Cameras	4 Cameras	4 Cameras
Analogue Display Rate	100FPS	200FPS	400FPS
Analogue Record Rate	100FPS @ D1	200FPS @ D1	400FPS @ D1
Analogue Video Resolution	QCIF;CIF;D1	QCIF;CIF;D1	QCIF;CIF;D1

- Supports a total of 64 cameras per server
- Max. analogue recording rates of 100/200/400FPS @ D1 resolution
- Inbuilt High-Performance Analytic Software
- Features H.264 Hardware Compression
- Intelligent search in 5 ways
- Instant playback control
- POS and I/O device integration
- GUI recording schedule
- Supported by Securview NUUO Central Management Software
- Instant Response alerts you when alarm events occur
- Intelligent Video Analysis Functions: Including General Motion, Missing Object, Camera Occlusion, Foreign Object, Lose Focus and Signal Loss

Part No.
NUUO-DVR4A4IP
NUUO-DVR8A4IP
NUUO-DVR16A4IP

¹ Based on 16 Channel NVR

² IP Cameras sold separately

³ 64 Total is Analogue and IP inclusive per server

SECURVIEW NUUO IP NVR SOLUTIONS

SECURVIEW NUUO 4/8/16 CHANNEL IP NVR SYSTEMS

The Securview NUUO range of IP NVR systems are our high-end systems which are designed for businesses which are looking to make the jump to IP Megapixel Technology.

Our IP-Based NVRs are available in three configurations:

- IP NVR with 4 IP Licenses
- IP NVR with 8 IP Licenses
- IP NVR with 16 IP Licenses

NEW!

The systems includes the high performance video analytic software, which not only allows for high end monitoring and operation, but the software allows for the expansion of the system up to a total of 64 cameras¹. No matter the size or application, the Securview NUUO range of IP NVRs are the ideal scalable surveillance system solutions. Like all the Securview NUUO products, the IP NVRs utilise the high quality Securview NUUO interface and Video Analytic software, which contains many intelligent features which help set the systems apart from competitor products. These features include dual monitor display for simultaneous real time audio/visual display and playback, the ability to manage up to 64 cameras simultaneously with the Securview NUUO CMS², optional POS and I/O integration for more effective system expansion and instant response functions to ensure that your system alerts you when an event occurs.

- >> EXPAND UP TO A TOTAL OF 64 CAMERAS PER SERVER
- >> H.264 IMAGE COMPRESSION
- >> INCLUDES ANALYTIC SOFTWARE
- >> COMPATIBLE WITH IP CAMERAS FROM LEADING MANUFACTURERS SUCH AS SECURVIEW, SAMSUNG, ARECONT VISION AND ACTI:

IP-Based NVRs



Intelligent Video Functions



Main Features and Applications

- Supports a total of 64 cameras per server
- Inbuilt High-Performance Analytic Software
- Features H.264 Hardware Compression
- Intelligent search in 5 ways
- Instant playback control
- Optional POS and I/O device integration
- GUI recording schedule
- Supported by Securview NUUO Central Management Software
- Instant Response alerts you when alarm events occur
- Intelligent Video Analytic Functions: General Motion, Missing Object, Camera Occlusion, Foreign Object, Lose Focus and Signal Loss
- Compatible with a wide range of IP cameras from leading manufacturers, including Securview, Samsung Techwin, Arecont Vision and Acti

Securview NUUO IP solutions are more than just surveillance systems. Ask us about how a Securview NUUO system can help make your business more effective by allowing you to monitor things like:

- Customer Counting* - Easily count how many customers you had in one day, and use our POS devices to determine how many of those customers made purchases.
- Stock levels* - Monitor stock levels via your CCTV system to easily document losses, and get evidence of employee thefts.
- Employee Behaviour* - Easily determine if your employees are adhering to OH&S requirements and behaving in a safe manner.
- Safety* - Prevent accidents occurring by easily and quickly identifying workplace hazards which may arise.

Part No.

- NUUO-DVR4IP
- NUUO-DVR8IP
- NUUO-DVR16IP

¹ 64 Total is Analogue and IP inclusive per server

² CMS Sold Separately

Securview NUUO Central Management System Server Software with 4 Clients Software

The Securview NUUO NVR-Based Central Management System (CMS) is a powerful piece of server software, and is the best solution for large-scale and high level enterprise projects. The CMS allows you to manage all of the installed Securview NUUO based systems from multiple sites. It supports all the Securview NUUO product lines including the NVR Analogue and IP Kits and the NVRmini. The Securview NUUO CMS supports unlimited cameras, servers and users. It has a powerful alarm management system and can control unlimited matrix viewing consoles in the centralized control room.

How It Works

The Securview NUUO NVR CMS brings the traditional CMS system outside of the control room through internet access. Network based key operation systems can manage unlimited combinations of analogue and IP cameras, located worldwide, and operate them simultaneously via unlimited working stations. (Each working station requires its own client software - see below)

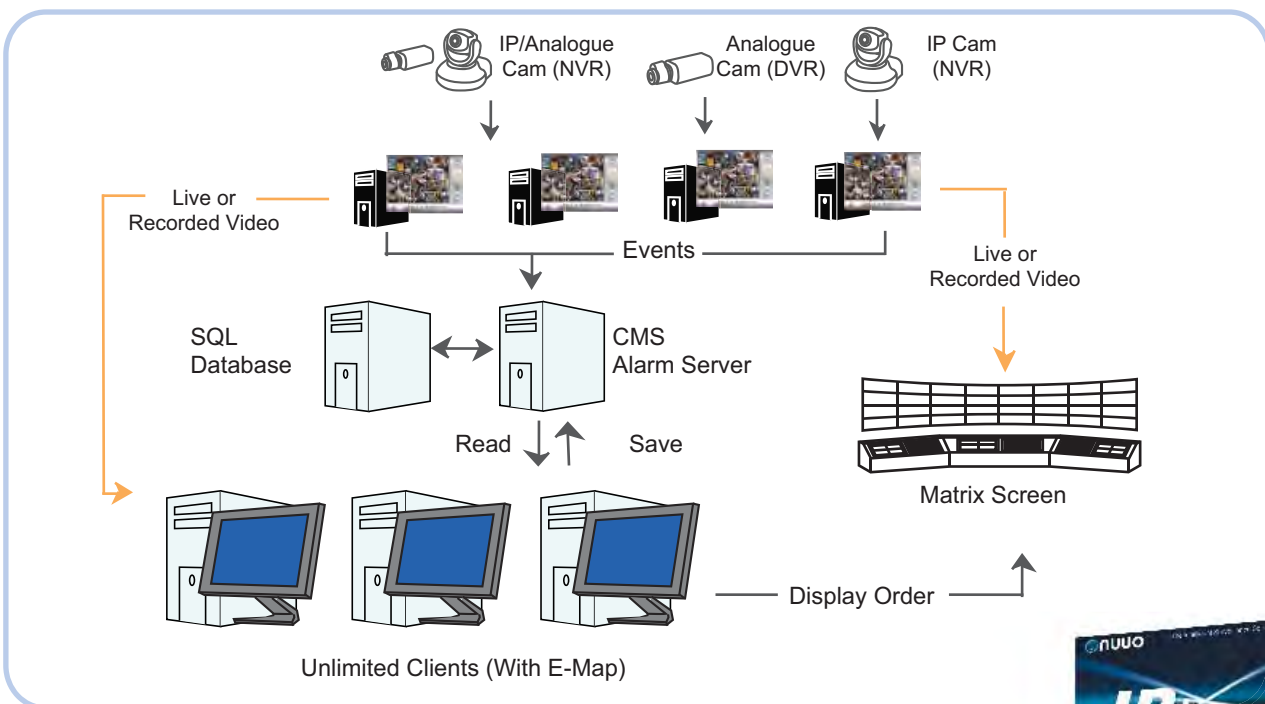
Features and Benefits of Using the CMS

The CMS software allows you to monitor an unlimited number of sites and cameras at any time, helping to centralise and streamline business operations. By having access to both analogue and IP cameras from any matrix console (each console can display 64 concurrent cameras for live viewing), you eliminate the need to spend time and money travelling to remote sites to ensure that the cameras are operating or to check whether alarm functions have been activated. The CMS software is easy to operate, allowing you to perform the required functions easily.

The main features of the NUUO CMS Server Software are:

- Client server architecture: One CMS Server could be connected by several CMS Clients.
- Wide Range of Supported Devices: Support for IP cameras from ACTI, Arecont, Axis, EtroVision, IQeye, JVC, LevelOne, Lumenera, Mobotix, Panasonic, Pixord, Sony, Toshiba, VIVOTEK, Zavio.
- Multiple matrix console - Several matrix consoles could be connected through network
- Live Viewing - Up to 64 concurrent camera viewing for each matrix console
- Alarm Database - Use SQL Server 2005 Express to store all the alarm logs
- Central Server - Store the site map hierarchy data structures. Directly connect to surveillance server to get alarm notifications. Provide TCP service for CMS clients' access through network.
- Supported Alarm Types - Video Signal Abnormal. Digital Input Trigger (Normal/Emergency). Network Abnormal. DVR/NVR Abnormal. Motion/Missing/Foreign/Focus/Blocked/Occlusion. Low Disk Space. CPU temperature High/Fan Speed Low.
- Supported Notification Type - Show on alarm / message list. Play sound. Send e-mail. Phone call and play .wav file. Send SMS message. Move PTZ camera to the preset point. Trigger digital output.

Central Management System Diagram



The CMS Server Software includes 4 Client Softwares.
Our NUUO-CLIENTSW are additional individual Client Softwares.

Part No.
NUUO-SERVERSW
NUUO-CLIENTSW





NAS NVR Mini

4/8/16 IP Camera Linux-Embedded NVR



NVR Mini 8/16 Channel IP Server with 4 HDD bays



NVR Mini 4 Channel IP Server with 2 HDD bays

Features:

- Client server architecture and web-based management
- Up to 8TB, Supports H.264 and Megapixel Cameras
- Compatible with 14 brands and over 350 IP Camera models
- Supports POS
- RAID 0,1,5,5+spare,10
- Manage unlimited cameras/sites with Securview NUUO CMS software

What Are They?

The Securview NUUO NVR mini is the world's pioneer Linux embedded IP-only standalone NVR. It is a 'plug and play' solution, developed for those who want the benefits of using an IP-Based NVR System without the need for the advanced features which products such as our Platinum and the Securview NUUO Base solutions offer. It is extremely simple to install because no specific software or hardware is needed. Simply plug it in and it is ready to use.

How Do They Work?

The NVR Minis operate in the same manner as other Network Video Recorders; simply connect the device to your IP cameras and begin recording. Users can access the live view and playback functions of the Mini through a Internet Explorer browser from anywhere in the world. This specialty live view sets the Minis apart from more advanced NVRs, which can only access playback and live view through the use of client software. The NVR minis make use of RAID technology, allowing for an increase in the data transfer rate and the assurance of continuous system operation in the event of a disk drive failure. Due to their unique development and specialised applications, the NVR minis are designed to be simpler to use than regular NVR standalones, and their smaller size helps make them a cost efficient solution.

What Are The Main Features?

The key features of the Securview NUUO NVR Mini IP Server are:

- Embedded Linux based NVR standalone
- Easy 'Plug and Play' Setup
- IP Only Surveillance Solution
- Open platform for 14 brands of IP cameras
- Megapixel cameras and H.264 compression format supported
- Cost-Effective High-Performance Solution
- Web-based network appliance architecture
- Record without turning the PC on
- Multiple level RAID systems for continuous system operation and increased data transfer
- Supports real-time recording at D1 resolution
- Maximum resolution is up to 5.0 megapixel
- Real-Time A/V viewer
- Intelligent search in 5 ways
- Instant playback control
- I/O device integration
- Online GUI recording schedule
- Supported by NUUO CMS

Model Number	NUUO-NV2040	NUUO-NV4080	NUUO-NV4160
Recording Cameras	1~4	1~8	1~16
RAID Levels	RAID 0, 1	RAID 0, 1, 5, 10	RAID 0, 1, 5, 10
Number of HDD	2 x SATA	4 x SATA	4 x SATA
I/O Interface	1 x USB 2.0 (For UPS)	2 x USB 2.0 (For UPS)	2 x USB 2.0 (For UPS)
Compression	MPEG-4, MJPEG, H.264	MPEG-4, MJPEG, H.264	MPEG-4, MJPEG, H.264
Dimensions (mm)	86.1 x 145.9 x 211.6	188.2 x 152.5 x 227.6	188.2 x 152.5 x 227.6

Part No.

- NUUO-NV2040
- NUUO-NV4080
- NUUO-NV4160

DVR & VIDEO SURVEILLANCE ACCESSORIES



Professional 19 Inch /3U Rack Mount PC/DVR Case

This professional 19" rack mount PC/DVR case comes supplied with all the cabling required to connect your components.

- 3U rack mount chassis
- Power supply not included

Part No.
DVRCASE3



Professional 19" 16 Bay 3RU Rack Mount PC/DVR/NVR Case

- 3RU Rack Mount Chassis
- 16 Internal HDD Bays
- Power Supply not included

Part No.
DVRCASE3RUNAS



Hard Disk Drives

No matter what your recording needs are, RhinoCo Technology supply a range of Hard Disk Drives to meet your requirements. The drives range in size from 250GB to 2TB

Part No.
HD250GBSH
HD500GBSH
HD1TBSH
HD2TBSH



NEW!

High Quality Professional 12 Unit Rackmount Cabinet

- Size: 12RU 600mm x 450mm x 650mm (W x D x H)
- Glass front door with deluxe lock
- Removable metal side panels for easy access
- 1 x 12cm Cooling fan
- 4 Outlet Universal power adaptor sockets

Part No.
RACKMOUNTCAB12



High Quality Professional Rackmount Cabinets

- Available in 3 Sizes:
- 18RU (W600 x D450 x H950mm)
 - 27RU (W600 x D800 x H1400mm)
 - 37RU (W620 x D800 x H1800mm)

- Glass front panel with deluxe lock
- Metal side panels
- Metal rear door with lock
- Inbuilt cooling fans
- 4(18RU) & 6 outlet universal power adaptor sockets
- Base with four twin castor wheels (2 with brakes) stands also available

Part No.
RACKMOUNTCAB18
RACKMOUNTCAB27
RACKMOUNTCAB37

DVR & PC DISPLAY MONITORS



2 Models Available:

Model: LCDSAM17743B
Model: LCDSAM19943B

VGA/DVI-D ONLY

Model: TFT17V-S
Model: TFT19V-S

Composite (BNC) ONLY



Samsung 17"/19" LCD Monitors with VGA and DVI Input

- 3 Year Warranty
- Screen Size: 17 inch (43 cm) / 19 inch (48cm)
- Video Input: 15 Pin D-Sub (VGA) / DVI-D (Digital Visual Interface)
- Display Area: 337.920 mm x 270.336 mm (17") / 376.32mm x 301.056mm (19")
- Aspect Ratio: 4:3 (Suitable CCTV Industry - Not Wide Screen)
- Resolution: 1280 x 1024
- Response Time: 5ms
- Adjustable Stand: Height Adjustable, Pivot, Swivel 360 Deg., Tilt
- Wall-Mount: VESA 75mm
- Product Dimension:
 - 17": 368.0 x 367.2 x 190.0mm (With stand, WxHxD)
 - 19": 405.6 x 380.2 x 190.0mm (With stand, WxHxD)

Samsung 17"/19" LCD Monitors with Composite Video Input

- 3 Year Warranty
- Screen Size: 17 inch (43 cm) / 19 inch (48cm)
- Video Input: Composite
- Display Area: 337.920 mm x 270.336 mm (17") / 376.32mm x 301.056mm (19")
- Aspect Ratio: 4:3 (Suitable CCTV Industry - Not Wide Screen)
- Resolution: 1280 x 1024
- Response Time: 5ms
- Adjustable Stand: Height Adjustable, Pivot, Swivel 360 Deg., Tilt
- Wall-Mount: VESA 75mm
- Product Dimension:
 - 17": 368.0 x 367.2 x 190.0mm (With stand, WxHxD)
 - 19": 405.6 x 380.2 x 190.0mm (With stand, WxHxD)

Part No.

LCDSAM17743B
LCDSAM19943B

Part No.

TFT17V-S
TFT19V-S



**With both
BNC & VGA Inputs**

17" LCD Security Monitor w/ Glass Front

These attractive 17" LCD monitors have been designed specifically for use in the CCTV industry. They feature a protective glass front, providing more protection than a standard LCD monitor. They also utilise a 4:3 aspect ratio, ensuring that video camera images are displayed correctly and not distorted, unlike using a widescreen monitor which incorrectly stretches CCTV images. The monitors have both VGA and BNC inputs, making them ideal for use with a wide range of CCTV equipment. The monitor has a contrast ratio of 600:1, an 8ms response time and a native resolution of 1280 x 1024 pixels.

Part No.

LCD17MON



**With both
BNC & VGA Inputs**

19" LCD Security Monitor w/ Glass Front

These attractive 19" LCD monitors have been designed specifically for use in the CCTV industry. They feature a protective glass front, providing more protection than a standard LCD monitor. They also utilise a 4:3 aspect ratio, ensuring that video camera images are displayed correctly and not distorted, unlike using a widescreen monitor which incorrectly stretches CCTV images. The monitors have both VGA and BNC inputs, making them ideal for use with a wide range of CCTV equipment. The monitor has a contrast ratio of 1000:1, a 5ms response time and a native resolution of 1280 x 1024 pixels.

Part No.

LCD19MON

LCD TELEVISIONS & MONITORS



Securview 37" HD Widescreen (1366 x 768) LCD TV with Digital Tuner

With High Definition widescreen display, a max display resolution of 1366 x 768 (720P) and an in-built digital tuner, the Securview TVLCD37WHD1 is the ideal television for use in your home theatre or for installation in public display areas such as pubs and clubs. The single VGA input and dual HDMI inputs make this a suitable product for connecting to a DVR to use as a large CCTV display monitor.

Resolution	1366 x 768 (720P)
Aspect Ratio	16:9
Contrast Ratio	2500:1
Display Colours	16.7M
Panel Grade	LG A+
Refresh Rate	60Hz

Part No.
TVLCD37WHD1



Securview 47" Full HD (1920 x 1080) LCD TV with Digital Tuner

With Full HD display resolution and an in-built digital tuner, the Securview TVLCD47WHD1 is the ideal television for use in your home theatre or for installation in public display areas such as pubs and clubs. The VGA input makes this a suitable product for use as a large CCTV display monitor, ideal for use with hybrid DVR systems such as the Exacqvision which can output display at Full-HD resolution.

Resolution	1920 x 1080 (1080P)
Aspect Ratio	16:9
Contrast Ratio	2500:1
Display Colours	16.7M
Panel Grade	LG A+
Refresh Rate	120Hz

Part No.
TVLCD47WHD1



Securview 42" Full HD (1920 x 1080) LCD TV with Digital Tuner

With Full HD display resolution and an in-built digital tuner, the Securview TVLCD42WHD1 is the ideal television for use in your home theatre or for installation in public display areas such as pubs and clubs. The VGA input makes this a suitable product for use as a large CCTV display monitor, ideal for use with hybrid DVR systems such as the Exacqvision which can output display at Full-HD resolution.

Resolution	1920 x 1080 (1080P)
Aspect Ratio	16:9
Contrast Ratio	2500:1
Display Colours	16.7M
Panel Grade	LG A+
Refresh Rate	120Hz

Part No.
TVLCD42WHD1



7 Inch LCD Monitor With Stand & Remote Control - Dual Video Inputs

- Display size: 7 inch
- Aspect ratio: 16:9
- Resolution: 234 x 480pixels
- Dual video inputs (Video1 & Video2)
- Multi-purpose LCD monitor for VCD/DVD/TV/GPS
- Full function remote control
- Power supply: DC 12V
- Power consumption: 7W
- Dimension: 195 x 140 x 25mm

Part No.
LCD7

MONITOR BRACKETS



LCD/TFT Screen Wall-Mount Bracket with Tilt

- Std VESA 50/75/100/200/100x200
- 90 degree horizontal swing, + 20 degree vertical tilt
- 100mm Spacing
- Max Load 30Kg

Part No.

TFTBRACKET



LCD/TFT Screen Wall-Mount Bracket with Tilt / Swivel

- Std VESA 50/75/100/200/100x200
- Tilt/Swivel Adjustments
- Max Load 30kg

Part No.

TFTBRACKETSW

Ceiling Mount LCD Bracket

- Standard VESA 50/75/100
- Adjustable drop 500-850mm
- Easy to install
- Max load 20kg



Part No.

VSCACMB

NETWORKING PRODUCTS & VIDEO WEB SERVERS



4 Port ADSL Router Modem

- Four 10/100Mbps ethernet ports for connection to computers
- DHCP automatically and dynamically assigns all LAN IP settings to each host on your network
- Easy installation: uses a web-based graphical user interface program for convenient management access and easy setup
- VPN support (L2TP, PPTP, IPSec)
- Support for static IP, dynamic IP and PPPOE connections

Part No.

ADSLROUTER2



Wireless 4 Port Network Router Modem

- Wi-Fi enabled computers/DVRs and devices can wirelessly connect and share a single incoming Internet Connection
- Four 10/100Mbps ethernet ports for connection to computers
- DHCP automatically and dynamically assigns all LAN IP settings to each host on your network
- Combined wireless ADSL modem & 802.11g wireless router in one
- Easy Installation: Uses a Web-based Graphical User Interface program for convenient management access and easy setup
- VPN support (L2TP, PPTP, IPSec)
- Wireless signal rates: IEEE 802.11b: 11, 5.5 and 1Mbps IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9, 6Mbps

Part No.

ADSLROUTERW

Wireless Mobile 3G Modem Router

Just insert a SIM card for wireless video



3G HSPA Wireless Modem

The VSWAN3G facilitates the remote installation of IP based equipment. It transmits over any 3G mobile network. This allows you to remotely access your equipment from virtually anywhere, making it ideal for remote location, rapid deployment applications and event security.

- Connect any type of IP device such as camera or network server
- Analogue video signal cameras can also be connected utilising an optional web server
- Advanced persistent link technology to monitor link integrity & maximise uptime across unpredictable networks
- Easily accessible SIM module with dual SIM support for redundant network failover
- Informative status LEDs for power, signal strength and cellular link activity.
- Python scripting & custom development environment available

Ethernet Connection	RJ45, 10/100 Base T
USB Connection	Type A Connector
Serial Connection	RS-232/422/485
Supported Modes: 850/2100MHz WCDMA	Downlink up to 7.2Mbps / Uplink up to 2.0Mbps **
Supported Modes: 850/900/1800/1900MHz GSM/ GPRS/EDGE	Downlink up to 236Kbps / Uplink up to 236kbps **
NAT & NAT-T for VPN	Yes
Access Control Lists (IP Filtering)	Yes
Dynamic DNS Support	Yes
IPSEC with IKE/ISAKMP	Yes
Multiple Tunnel Support	Yes
IPSEC encryption	DES, 3DES and up to 256-bit AES encryption
Power Input	9-30VDC
Power Draw	1.2W / Max: 3.4W
Operating Temperature	-25° C to +60° C
Relative Humidity	5% to 95% (non-condensing)

Part No.
VSWAN3G

Use and Integration of the VSWAN3G



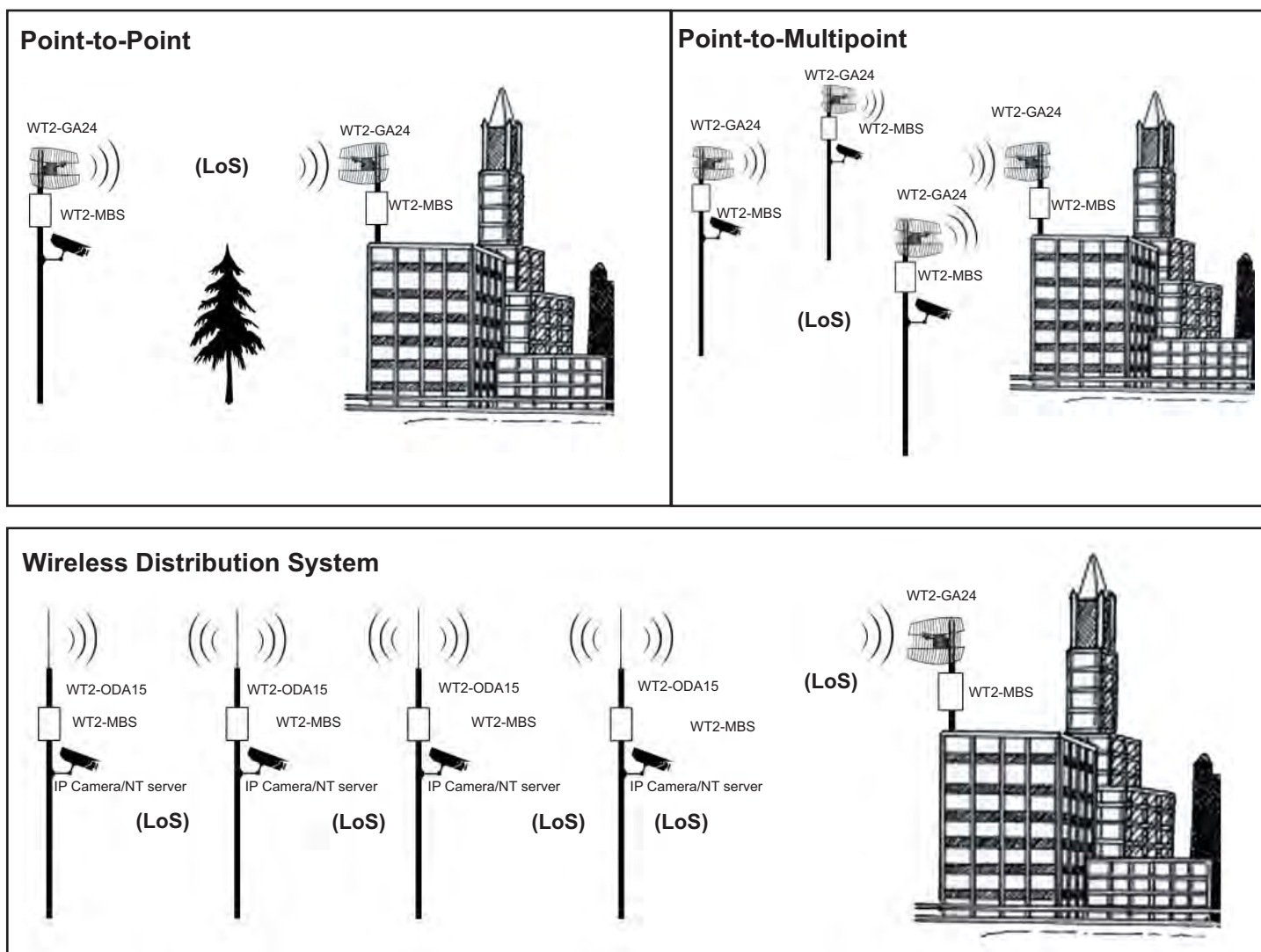
Wireless CCTV

Wireless transmission networks for CCTV security applications are becoming increasingly popular due to the flexibility of wireless communication and, low cost and low-disruption deployment compared to installing cabled systems.

At RhinoCo Technology we can customise your wireless solution utilising our range of analogue and digital transmission devices.

If you have a specific inquiry please visit us at www.rhino.com.au for further information or call our sales team.

Below are some examples of typical installations using our wireless transmission products.



Definitions:

IEEE 802.11

A set of standards for wireless local area network (WLAN) computer communication in the 5 GHz and 2.4 GHz public spectrum bands.

Access Point (AP)

Wireless base station which coordinates communication for wireless clients between each other and with the wired network.

Wireless LAN (WLAN)

One or more access points and their associated clients which communicate by radio to form a data network.

Wireless Distribution System (WDS)

Method for linking many wireless access points to form a mesh-like network.

Wireless Bridge

A pair of access points configured in bridge mode allowing two wired networks to be transparently connected through wireless link.

Line of Sight (LoS)

A clear, straight line path between wireless devices which is in no way obstructed by buildings or trees.

WIRELESS TRANSMISSION 2.4GHZ



Analogue Super Mini 2.4GHz 3-Channel Wireless AV Kit

- 2.4GHz transmitter & receiver
- Option to select up to 3 channels
- Super mini size
- Auto switch channel
- Transmits and receives video & audio (Stereo)
- Channel indicator LED
- Potential range up to 100 metres
- Easy installation
- Included 2 power supplies
- Weatherproof housing unit option available

Part No.
VS15-2400AK2



2.4GHz Directional Antenna 18dbi

N type female connector
For external use
For 15-2400 cameras and receivers
Size: 360 x 220 x 40mm
Weight: 1500g
UVB resistant

Part No.
VS15-2400AP18



2.4GHz Directional RF Yagi Antenna 15dbi

- 2.4GHz Directional RF Yagi Antenna
- Antenna Gain: 15dB
- Dimensions: 475(L) x 425(W)

Part No.
MWYAGIR8215



2.4GHz Panel Antenna 21dbi

21dbi panel directional antenna deliver extended wireless access point range in a single floor environment with the antenna, ideally, secured at a corner of the building floor. These antennas can also be used for a point-to-point network so that wireless connections can be achieved with LANs between buildings in a campus-type environment or between two remote areas. Finally, they provide multi-floor transmission when placed on a ceiling, as the higher power output extends the range through typical flooring materials. Our antenna package includes several mounting options, such as fixed, wall-adjustable, and pole.

Part No.
WT2-PA21



Dual Band Outdoor Multimode Base Station IP67

This Dual Band Multimode Wireless Base Station product is designed for outdoor long-range wireless communication up to 50km. Based on the IEEE 802.11 a/b/g standards operating on 2.4GHz and 5GHz frequencies, the WTDB-MBS is an ideal cost effective solution for building-to-building wireless communications, parking lot security, and last-mile internet subscriber applications. The product is capable of operating at one of the four modes: Access Point, Wireless Bridge, Repeater or Client Bridge. The ruggedness of the IP67 rated enclosure and extreme temperature ratings along with a host of product features make the WTDB-MBS the product of choice for long range wireless networking and IP video security applications. The product is designed with the Power-Over-Ethernet (PoE) feature, which allows power and data to be transmitted over a single network cable, providing a simpler, more convenient installation.

Part No.
WTDB-MBS



2.4GHz Grid Antenna 24dbi

- Simple to install and aim
- Low mast and wind loading
- Surface-treated, corrosion resistant aluminium alloy grid reflector
- Vented, weatherproof feed housing
- Durable solid brass feed (not PCB)
- Good multi-path interference rejection
- Excellent front to back ratio
- Supplied with mounting hardware for attaching to mast or tower member
- Designed & manufactured in Australia
- 24-month warranty

Part No.
WT2-GA24



2.4GHz Sector Antenna 21dbi

21dbi Sector Directional Antenna comprised of a professional quality "cell site" base station antenna and are designed primarily for carrier-class applications and service providers using the 2.4 GHz ISM band. The antennas are packaged with a directional orientation bracket that makes the main beam width and angle adjustable when an antenna is installed on the top of a mountain, radio tower or high-rise building. This feature offers maximum signal strength for both reception and transmission in the desired area. In addition, the directional characteristic allows the user to adjust the transmitting and receiving angle of their antenna and is designed specifically for outdoor building-to-building application with buildings of various height.

Part No.
WT2-SA21



2.4GHz Omni Directional Antenna 15dbi

15dbi omni-directional 2.4GHz antenna designed to radiate radio-frequency energy equally in all directions for widespread and all-point wireless deployment. This antenna is especially useful for optimizing coverage when you want to place your wireless access point or router out of plain view in a wiring closet or above a ceiling pad.

- Radiates radio-frequency energy equally in all directions for widespread and all-points wireless communications
- SWR 1.3:1 max, high performance antenna design
- Made with weatherproof and corrosion-resistant material
- Each package comes with a pole mounting kit for immediate outdoor installation
- Available in 9, 12, and 15 dBi gain

Part No.
WT2-ODA15

WIRELESS TRANSMISSION 5.8GHZ (DIGITAL)

5.8GHz Wireless Transmission Multi Access Point With N-Type Female Antenna Connector



This Wireless Transmission Multi Access Point is used with a compatible Wireless Antenna to create a wireless network. Common network configurations are point to point (2 Access Points and Antennae) and Point to Multi-Point (Multiple Access Points and Antennae). By connecting devices such as IP Cameras and NT Servers, IP video feeds can be transmitted across the wireless network.

The WT5-MAPNFC uses the 5.8GHz frequency. It is protected by an IP68 certified die-cast all weather housing and lightning protector. It is designed for a wide variety of outdoor applications and can be deployed as point-to-point and point-to-multipoint solutions. The WT5-MAPNFC is an ideal access point solution due to its low cost, superior performance, range, ease of installation and management.

It offers two data rates, based on the IEEE 802.11a mode and the IEEE802.11a turbo mode. When the bridge operates under the IEEE 802.11a mode, it supports data rates from 6 Mbps to 54 Mbps. Under the IEEE802.11a turbo mode, it supports data rates from 12 Mbps to 108 Mbps. The frequency channel for the IEEE802.11a and the IEEE802.11a turbo are across from 5.15 to 5.85 GHz

Part No.

WT5-MAPNFC

5.8GHz Panel Antenna 21dbi



21dbi 5.8GHz panel directional antennas can be used ideally for a point-to-point network so that wireless connections can be achieved with LANs between buildings in a campus-type environment or between two remote areas.

Part No.

WT5-PA21

5.8GHz Omni Directional Antenna 12dbi



5.8Ghz omni-directional antenna is designed to radiate radio-frequency energy equally in all directions for widespread and all-point wireless deployment. This antenna is especially useful for optimizing coverage when you want to place your wireless access point or router out of plain view- in a wiring closet or above a ceiling pad.

Part No.

WT5-ODA12

5.8GHz Grid Antenna 24dbi



- Compact 5.8GHz grid antenna suitable for point-to-point operation
- Simple to install and aim
- Low mast and wind loading
- Single piece, surface-treated, corrosion resistant aluminium alloy grid reflector
- Stainless steel/aluminium mounting hardware
- Vented weatherproof feed housing with microporous membrane
- Durable solid brass feed
- Good multi-path interference rejection
- Designed and manufactured in Australia

Part No.

WT5-GA24

Dual Band Wireless Transmission Multi-Access Point with N-Type Female Antenna Connector



This Wireless Transmission Multi Access Point is used with a compatible Wireless Antenna to create a wireless network. Common network configurations are point to point (2 Access Points and Antennae) and Point to Multi-Point (Multiple Access Points and Antennae). By connecting devices such as IP Cameras and NT Servers, IP video feeds can be transmitted across the wireless network. The WTDB-MAPNFC can utilise both 2.4Ghz and 5.8GHz frequency ranges. It is protected by an IP68 certified die-cast all weather housing and lightning protector, making it designed for a wide variety of outdoor applications. The WTDB-

MAPNFC is an ideal access point solution due to its low cost, superior performance, range, ease of installation and management.

It offers two data rates, based on the IEEE 802.11a mode and the IEEE802.11a turbo mode. When the bridge operates under the IEEE 802.11a mode, it supports data rates from 6 Mbps to 54 Mbps. Under the IEEE802.11a turbo mode, it supports data rates from 12 Mbps to 108 Mbps.

Part No.

WTDB-MAPNFC

5.8GHz Sector Antenna 21dbi



21dbi 5.8GHz Sector Directional Antenna comprised of a professional quality "cell site" base station antenna and are designed primarily for carrier-class applications and service providers using the 5.1 to 5.9 GHz ISM band. The antennas are packaged with a directional orientation bracket that makes the main beam width and angle adjustable when an antenna is installed on the top of a mountain, radio tower or high-rise building. This feature offers maximum signal strength for both reception and transmission in the desired area. In addition, the directional characteristic allows the user to adjust the transmitting and receiving angle of their antenna and is designed specifically for outdoor building-to-building application with buildings of various height.

Part No.

WT5-SA21

5.8GHz 29dBi Grid Antenna with N-Type Female Connector



This is a 5.8GHz 29dBi high gain Grid Antenna. These high performance and low loss grid antennas are built from the ground up with a focus on reliability, durability, and performance. Compact and durable in their design, these antennas are produced from high quality corrosion resistant coated galvanized steel, offering precise rugged mechanical aspects and maintenance free operation.

The antennas have a High Performance Radiation Pattern, with superior RF and Ground Plane Design to ensure maximum directivity and to minimise leakages. The low loss high efficiency radiation system provides exceptional VSWR ranging from 1.3 to 1.5 to maximize electrical to wireless power transfer. Designed to work well in highly congested areas, the antenna directivity optimises license free radio spectrum to provide more aggregated bandwidth per deployment area.

Frequency Range	5100 ~ 5900 MHz
Gain (dBi)	29dBi
Front-to-Back Ratio	35dB
Dimensions	900 (Dia) x 250 mm
Weight	4.86kg

Part No.

WT5-GA29



2.4GHz Digital Wireless Transmitter and Receiver Set

This system is the ideal product for use when multiple wireless video/audio links are required for any commercial, industrial or consumer application. An example application would be to create a wireless network over which you wanted to transmit video footage from your camera to your DVR or Monitor. Simply connect the camera to the Transmitter box and your DVR or Monitor to the Receiver box.

- MPEG4 video compression
- 2.4GHz wireless mode (up to 5Mbps)
- High quality real time transmission
- 13 Channel adjustable
- Outstanding security
- Audio compression G.721

Part No.
AVTXRX2.4

WIRELESS TRANSMISSION ACCESSORIES



Outdoor Shielded CAT5 Antenna Cable 25m

- Low loss antenna cable
- Outdoor shielded CAT5
- 25m length

Part No.
WTCAT5-25



LMR400 N-Male to N-Male cable

Type N connector (male) to Type N connector (male).
1.0m in length.

Part No.
CABLENM2NM

Five Port Adjustable Voltage Power Over Ethernet (PoE) Switch



The WT-POESWITCH is a unique and powerful outdoor five-port Ethernet Switch with an adjustable voltage feature.

The WT-POESWITCH Adjustable Voltage PoE Switch offers four voltage levels, enabling a wide range of outdoor network and security applications, whilst significantly reducing the complexity of outdoor network installation, integration and ongoing network maintenance. It also offers local power level configurations. Locally, each WT-POESWITCH port is designed with a simple, easy-to-use push button for power level configuration. Remote monitoring over the internet can be achieved using a common internet web browser. This PoE switch includes other dynamic features such as remote web browser, PoE device power cycle and individual port troubleshooting capabilities.

Part No.
WT-POESWITCH



0~6 GHz High Performance RF Lightning Arrestor

This product is used in-line between radio and external antenna to minimize transient voltage damage to sensitive RF equipment.

Part No.
WT-LA



Single Port Power Over Ethernet (PoE) Injector

This Ethernet line in Power Over Ethernet Injector provides 48VDC power and up to 100Mbps data transfer rate through a standard CAT5 cable.

Part No.
WT-CAT5POE1



Single Port Power Over Ethernet (PoE) Injector and Power Adapter

This product is used as a PoE Injector and Power Adapter for the WT5-MAPNFC. The injector provides power to the main unit at 48VDC and allows data transfer, over a standard CAT5 cable.

Part No.
WT5-MAPNFCPS



Dual Port Power Over Ethernet (PoE) Injector with Surge Suppressor

This 2 port, Power Over Ethernet Injector provides 48VDC power and up to 100Mbps data transfer rate through a standard CAT5 cable. This model also features surge suppression for protection from lightning and harmful transient voltage.

Part No.
WT-CAT5SP2



Single Port Ethernet Surge Suppressor

This single port Ethernet Surge Suppressor provides surge protection from lightning and harmful transient voltage through a standard CAT5 cable. Used for WTDB-MBS model and IP Cameras.

Part No.
WT-CAT5SP1



Wall Mounting Kit for WTDB-MBS

External Wall Mounting bracket for the WTDB-MBS

Part No.
WTDB-MBSWMK

SOLAR POWERED WIRELESS TRANSMISSION

Totally Wireless Long Range Surveillance Cameras

This range of solar powered surveillance solutions has been developed due to the increasing demand for remote surveillance where cabling for both video and power is impossible or cost prohibitive. These systems provide a fully self-sufficient wireless surveillance solution, which can be customised to your individual requirements.

There are 4 versions available depending on your individual needs:

5.8m Galvanised Steel Pole With 120W Solar Panel, Battery & Compact Fluorescent Light.

Includes:

1 x 5.8m galvanised steel pole with in-built 120 watt solar panel, 150Ah deep cycle lead acid battery (charged by solar panel) & dual 15 watt compact fluorescent light.

Part No.

VSSOLARPOLE5.8M

Solar Pole with Wireless Access Point (802.11G)

Designed to integrate with an existing WLAN. Sends high quality real-time encrypted digitised video and audio using an outdoor WAP.

- Connect any type of IP device such as camera or network server
- Analogue video signal cameras can also be connected utilising a optional web server.

Includes:

1 x 2.4GHz outdoor weatherproof wireless access point (802.11G)
1 x Solar Pole (as above model - VSSOLARPOLE5.8M)

Part No.

VSSOLARPOLE5.8MW

Solar Pole with Wireless Next G Modem

Facilitates remote installation of IP based equipment. Suitable for IP cameras & network servers. Transmits over the Telstra Next G mobile network. Allows you to remotely access your equipment from virtually anywhere. Ideal for remote location, rapid deployment applications and event security.

- Connect any type of IP device such as camera or network server
- Analogue video signal cameras can also be connected utilising a optional web server.

Includes:

1 x Wireless Next G modem / router
1 x Solar Pole (as above model - VSSOLARPOLE5.8M)

-- Telstra Next G access plans available separately

Part No.

VSSOLARPOLE5.8MNG

Solar Pole For Point to Point Digital CCTV Transmission with Pan/Tilt/Zoom Control

Designed to send high quality real-time encrypted digitised video and audio up to 5km (LOS). Connect to composite video input on any DVR , supports RS485 & RS232 transmission (including PTZ) as well as alarm inputs & outputs

- Connect any analogue CCTV camera
- Can be used for bi-directional audio interface enabling support of gate access phones, public address systems etc.

Includes:

2 x 2.4GHz digitally encrypted wireless video transceivers with PTZ control,
1 x Solar Pole (as above model - VSSOLARPOLE5.8M)

Part No.

VSSOLARPOLE5.8MA





Alarms & Surveillance Products



'RETAIL READY' SURVEILLANCE SYSTEMS

Solar Powered Floodlight	61
Complete 4 Channel DVR & Cameras Pack	62
Replica (Dummy) Security Products	64



BACK TO BASE MONITORED ALARM SYSTEMS

Wireless Alarm System for Home & Office	66
Wireless Fire Detection System	66
Wireless Emergency Duress System	66



WIRELESS & HARDWIRED ALARM SYSTEM

Wireless Alarm Systems & Accessories	67
Universal Transmitters & Receivers	70
Wireless Mini Alarms	72
Hardwired Alarm Systems & Accessories	73



FIRE SAFETY PRODUCTS

Fire Blanket	72
Photoelectric Smoke Alarms	72
Ionisation Smoke Alarms	72



ELECTRONIC ARTICLE SURVEILLANCE (EAS)

Doorway Readers	79
RF Tag	79
RF Labels	79
Magnetic Detacher	79



ENERGY SAVING PRODUCTS

Energy Saving Master/Slave Powerboard.....	80
Energy Saving Light Switch	80
Energy Saving Power Point	80

Brightest Ever!

NEW!



SOLAR POWERED FLOODLIGHT with MOTION SENSING ACTIVATION

The Watchguard™ Solar Powered Mini Floodlight uses 36 super bright LEDs to provide clear light sufficient to illuminate pathways, driveways, entranceways and general areas. Powered by a rechargeable battery in a weatherproof housing, the fitting can be easily installed in any location without the need for mains power to be present. The battery is charged by the solar panel supplied with the unit. The solar panel comes with 4 metre of cable allowing it to be remotely mounted and angled to catch the best sun. The Solar Floodlight has a built in motion detector which senses movement within a 5 metre range and turns the light on. This turns the light into an effective security or safety light around buildings, yards, gates or sheds without the need or waste of lights running all night unnecessarily.

PACKAGE INCLUDES:

1 x Crystalline Silicon Solar Panel

- Photo-voltaic technology
- With 4m power connection cable to the floodlight
- Separate from floodlight for fixable mounting position
- Tilt angle adjustment to catch the best sunlight

1 x Super Bright LED Floodlight

- Super bright with 36 LEDs
- Passive Infrared motion detector (5m detection range)
- Light ON when motion detected & automatically OFF after 30 sec
- Weatherproof housing IP44 rated

5 x Screws and Anchors

- 2 x screws & anchors for floodlight
- 3 x screws & anchors for solar panel



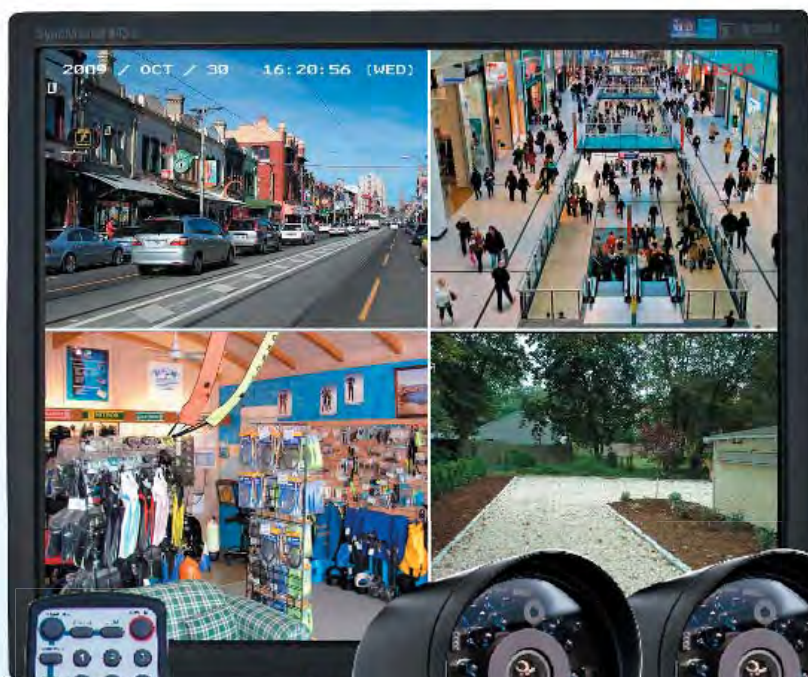
Ideal For : Patios • Yards • Drives • Barns • Sheds • Gardens

Part No.
WGSMF

'RETAIL READY' PACKAGED SURVEILLANCE SYSTEMS



- **SHOPLIFTING**
- **EMPLOYEE THEFT**
- **VANDALISM**
- **CRIMINAL ACTIVITY**
- **HARRASSMENT**
- **INSURANCE FRAUD**
- **PROBLEMS AT HOME**
- **CUSTOMER DISPUTES**



WATCH OVER INTERNET!



Monitor Not Included

Complete 4 Channel Watchguard H.264 DVR and Camera Kit with 500GB HDD

This high resolution surveillance package is ideal for a home or small business wanting to set up a digital surveillance system with network and remote access. The kit features H.264 Video Compression Technology, real time live display, recording rates of 704x576 (25fps), 704x288 (50fps), 352x288 (100fps), USB and Network backup functions as well as 4 x 15M IR Cameras with a resolution of 480TVL. The system includes a 500GB HDD.

Package Includes



4 x Day / Night Weatherproof Colour Cameras

This is an outdoor camera with 15M IR range. It has 14 in-built IR LEDs, giving the camera high visibility and clarity in both day and night applications. The weatherproof outdoor housing is Standards Approved, rated IP67, and is very easy to install.

Image Sensor	1/3" Colour CCD image sensor
Horizontal Resolution	480 TVL
Lens	f3.6mm@F2.0
Minimum Illumination	0.3 Lux@F2.0, 0 Lux (IR on)
Power	12VDC
Dimensions	116.13(L) x 60(W) x 79.58(H)mm



1 x 4 Channel H.264 Digital Video Recorder

- Advanced H.264 video compression
- Recording rates: 704 x 576 (25fps), 704 x 288 (50fps), 352 x 288(100fps)
- 500GB hard drive
- VGA & Composite Video BNC out
- Easy to operate - just like a VCR
- IR remote
- Can be connected to a PC for remote viewing
- Real time live display
- USB / network backup

Video Compression Format	H.264
Recording Resolutions	704 x 576, 704x288, 352x288
Max. Recording Frame Rate	100FPS Global
Max. Display Frame Rate	100FPS 'Real - Time Display'
Backup Methods	Network Remote & USB Backup.
Hard Drive Bays	1 x SATA HDD (1TB Capacity)
Network Functionality	Live Monitoring, Remote Playback, File Backup, Remote Configuration



4 x Camera Connection Cables

- Pre-terminated combined DC power & video (2 x10m, 1x 20m, 1x 30m)



1 x Monitor Connection Cable

- Allows you to connect the BNC monitor output from the DVR to the RCA video input on your TV / VCR



2 x Switch Mode Low Voltage Power Supplies

- 1 x 3Amp 12VDC supply for use with the power split cable to power all cameras
- 1 x 2Amp 19VDC power supply for use with the DVR
- Advanced switch mode technology



1 x Power Split Cable

- Allows you to connect all 4 cameras to 1 power supply



1 x Network Cable (Optional Use)

- Allows you to connect the LAN port on the DVR to your PC or network to facilitate remote viewing or backup functions

Part No.

DVR4ENTPACK3

REPLICA (DUMMY) SECURITY PRODUCTS



Professional Outdoor Replica CCTV Camera With Weatherproof Housing

This realistic looking replica CCTV camera acts as a deterrent to would be criminals. It has a weatherproof outdoor housing and the dummy camera has a red flashing LED. The kit comes with two high-visibility warning stickers, and includes all necessary hardware. No cables are required for operation, making installation very easy.

Part No.
VSCD420F



Professional Indoor Replica CCTV Camera

- True professional appearance
- Stylish design
- Dummy camera with replica auto iris lens
- 2 x high visibility warning stickers
- Installation hardware included
- No wiring needed
- Camera includes flashing red LED (optional use. Requires 2 x AAA batteries)
- Wall mounting bracket with tilt / swivel adjustment

Part No.
VSCDFF



Professional Indoor/Outdoor Replica Infrared CCTV Camera

- True professional appearance
- Stylish design
- Modelled on popular day/night weather proof cameras now commonly used in the CCTV industry
- Camera includes flashing red LED - (optional use. Requires 2 x AA batteries)
- 2 x high visibility warning stickers
- Installation hardware included
- No wiring needed
- Wall mounting bracket with tilt / swivel adjustment

Part No.
VSCD50F



Professional Indoor Replica CCTV Dome Camera

- True professional appearance
- Dummy dome camera with lens
- 2 x high visibility warning stickers
- Installation hardware included
- No wiring needed
- Camera includes flashing red LED (optional use. Requires 2 x AA batteries)

Part No.
VSCDFF



Dummy Home Alarm Kit

Imitation home alarm kit
 Realistic appearance outdoor siren / strobe
 Deters criminals
 Simple installation
 Supplied with UV-resistant warning labels & mounting hardware

Part No.

DUMMYHA



European Style Dummy Home Alarm Kit

European style
 Imitation home alarm kit
 Realistic appearance outdoor siren / strobe
 Deters criminals
 Simple installation
 Supplied with UV-resistant warning labels & mounting hardware

Part No.

TSSDHA



Alarm Warning Stickers (4 pack) A4 Size

Pack contains 4 A4 sized Alarm Warning Stickers.
 2 x Rear Adhesive Stickers for use on flat surfaces
 2 x Front Adhesive Stickers for use on interior windows

Part No.

VSCDSA

PROFESSIONAL BACK TO BASE MONITORED WIRELESS ALARM SYSTEMS FOR HOME OR OFFICE

The Watchguard™ Digital Series is a true revolution in monitored back to base alarm systems. Utilising a compact main control unit with inbuilt communication dialer and advanced wireless component technology means installation is very simple. The wireless design allows you to expand or relocate any of the systems at anytime. They are truly "plug & secure" systems, without any complicated programming or cabling. See below and over page for full system features, operation and expansion details. Remote programming software download available.

MAIN FEATURES:

- Expandable up to 8 individual zones
- Easy to install & operate
- Around the clock 24hr protection
- Connects to existing phone line
- Automatically communicates with back to base monitoring centres
- Contact ID Protocol

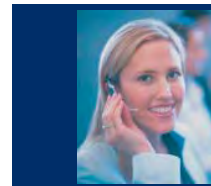
HOW THIS SYSTEM WORKS:



When smoke, intruder or help signal is detected, an alarm signal will send to the communication dialer



This is the "brain" of the system, when an alarm code is received from the Movement Sensor, Smoke Sensor or Panic Button, the communication dialer automatically connects to your monitoring centre via your phone line & transmits the detailed alarm activation data in (Contact ID Format). The in-built alarm siren will also sound, but can be disabled if used as a "Hold-up Button".



Alarm Monitoring Centre

The communication dialer connects to your monitoring centre and they will notify security, police, fire or medical services when an emergency arises. Please contact your preferred monitoring service provider to discuss their individual monitoring service plans, notification method and charges.



You will also receive notification of the alarm event: "Hello John. This is Sally from the monitoring centre. Your alarm system at 3 Main Street Springville has been activated at 11:14am by the smoke sensor in your master bedroom."



Professional Grade Back To Base Monitored Wireless Alarm System for Home or Office

The WGDIGITAL is a high-quality, anti-intruder professional grade monitored security system. Once installed, simply use the remote control button to arm the system before you leave your premises. If movement is detected after the system has been armed, the communication dialer will transmit the detailed alarm activation data (Contact ID Format) via phone line to your monitoring centre for appropriate response action to be taken.

System Includes:

- 1 x Main Control Unit - Communication Dialer
- 2 x Wireless Movement Sensors - Designed to detect the body movement of an intruder inside your premises.
- 2 x Code Hopping Remote Controls - Allows you to easily arm and disarm the system or activate the panic facility from virtually anywhere around your premises.
- 1 x Power Supply & 1 x Phone Connection Lead - Contact ID Protocol

Part No.
WGDIGITAL



Professional Grade Back To Base Monitored Wireless Fire Detection System for Home or Office

The WGSMOKE is a high-quality, monitored wireless fire detection system which is quick and easy to install and operate. When smoke is detected not only will the smoke sensor's in-built siren sound, but the alarm siren built into the main control unit will also sound in unison. The communication dialer will transmit the detailed alarm activation data (Contact ID Format) via phone line to your monitoring centre for appropriate response action to be taken.

System Includes:

- 1 x Main Control Unit - Communication Dialer
- 2 x Wireless Smoke Sensors - AS/NZS 3786:1993. Designed to detect the presence of smoke inside your premises using gas ionisation technology. In-built siren & low battery warning.
- 1 x Power Supply & 1 x Phone Connection Lead - Contact ID Protocol

Part No.
WGSMOKE



Professional Grade Back To Base Monitored Wireless Emergency Duress System

The WGEDS is a system which in the case of emergency or duress is manually activated by pressing the wireless panic button to alert your monitoring centre. Once a button is pressed detailed alarm activation data in (Contact ID Format) is immediately sent via your phone line to your monitoring centre for appropriate response action to be taken. Up to 8 individual emergency buttons can be used with your Watchguard Emergency Duress System and each button can be individually identified by the monitoring centre (i.e. Grandma's button, Grandpa's button...etc).

Includes:

- 1 x Main Control Unit - Communication Dialer
- 2 x Wireless Emergency Panic Buttons - Designed with the elderly or invalid person in mind. Large rubber button. Nylon lanyard included. Splashproof. Dipswitch coding. Operating range up to 100m (line of sight)
- 1 x Power Supply & 1 x Phone Connection Lead - Contact ID Protocol

Part No.
WGEDS

WIRELESS ALARM SYSTEMS WITH 2-WAY COMMUNICATION VIA SMS MESSAGING

NEW!



**Ideal for Home, Business,
Marine or Caravan!**



Watchguard SMS 2010 Alarm System

The Watchguard SMS 2010 is a true revolution in monitored home & mobile security systems. It has been designed specifically to provide simple installation and maximum protection at an affordable price. It can be used across a range of applications, including caravans, boats, building sites etc. or anywhere where a portable, self-monitored alarm is required. It is a sophisticated system, utilising the latest in GSM communication and wireless alarm technology. The Watchguard SMS 2010 communicates to your mobile via a GSM mobile phone network. A suitable SIM Card is required (not included). The SIM Card enables 2-way communication via SMS text messaging between you and your alarm.

How The System Works:

Plug & Play Setup: Security has never been so easy to install. After mounting the movement detectors in the zones to be monitored and mounting the external siren in a prominent position, simply plug the alarm module into the power pack (or connect 12VDC), turn the power key to on and you are ready to go!

Arm The Premises: Use your Remote Control to arm the Watchguard Wireless Alarm System to secure your premises. When body movement is detected in the premises, the sensors will send a message to the alarm module.

8 Zone Alarm Module with Built in GSM Modem: This is the brain of the system. When it receives the message from the Wireless Movement Sensors, it automatically sends your reported alarm to your designated mobile(s) as an SMS. The internal siren will also sound, helping repel the intruder.

Alarm Notification: The Watchguard SMS 2010 alarm module communicates to your mobile phone via GSM. When triggered, the module sends a detailed SMS of the reported alarm to your designated mobile(s). A voice message may also be sent to a landline telephone, where supported. Up to 5 people can be notified.

Package Includes:

- 1 x 8 Zone Alarm Controller Unit with built in quad band GSM modem
- 2 x Wireless PIR movement sensors
- 2 x 2 Button Code Hopping remote controls
- 1 x 12V DC Power Supply for the alarm controller unit
- 1 x Compact External Siren with Strobe

*Receive SMS Alerts
from your alarm!*



Part No.
WGSMS2010

WIRELESS ALARM SYSTEMS



Watchguard Wireless Home or Office Alarm System

The Watchguard alarm is a complete stand-alone security system, which is ideal for the home or business owner wanting an affordable security system without a monitoring service. It is very reliable and extremely easy to install and operate. If the alarm is triggered, both the external and internal sirens will sound to repel intruders.

- Feature packed 8 zone security system (can be expanded using the range of Watchguard wireless accessories incl. reed switches and smoke sensors)
- Easy wireless installation
- 2 x quality wireless passive infrared detectors
- 2 x high security code hopping remote controls with lithium batteries
- Emergency panic function via remote control
- Backup battery & mains power adaptor
- Powerful external siren with flashing blue strobe
- Has the same appearance as security industry standard alarm systems
- High frequency internal siren to repel intruders

Part No.
WGUARD



Watchguard Fire & Theft - Complete Burglary & Fire Detection System for Your Home or Office

The Watchguard Fire & Theft is a complete burglary and fire detection system suitable for your home or office. When the system detects the body movement of an intruder, or senses smoke inside your building, the alarm will activate both the internal siren as well as the external siren with flashing blue strobe. The system is very easy to use and install.

- Latest supervised wireless detector & code hopping remote technology
- Feature packed security system with simple wireless installation
- AS3786 approved wireless gas ionisation smoke sensor
- Can be expanded using the range of Watchguard wireless accessories reed switches & smoke sensors
- High frequency internal siren to repel intruders
- Professional grade, high quality components
- Emergency panic function via remote
- Backup battery & mains power adaptor
- Powerful external siren with flashing blue strobe

Part No.
WGUARDFT



Budget Wireless Home Alarm System

This is an Entry Level Wireless Alarm System designed for use in a residential setting where the owner is wanting a basic security system without external monitoring.

The kit can be installed in three easy steps:

- 1. Mount the siren in a suitable position & plug in power adapter.
- 2. Mount the wireless detector.
- 3. Press the remote control to arm or disarm the system.

The Watchguard Sentinel includes:

- 2 x Remote controls to arm/disarm the alarm and panic function
- 1 x Wireless PIR sensor to detect movement up to 12m.
- 1 x Powerful outdoor siren and strobe to deter intruders

The system can be expanded with the range of Watchguard products, including smoke detectors, reed switches, PIR sensors and additional remotes.

Part No.
WGSENTINEL

WIRELESS ALARM ACCESSORIES



Wireless External Siren

- Wireless external siren with flashing blue strobe and backup battery
- 10m of cabling pre-terminated for 'plug & secure' installation
- Includes low voltage plugpack
- Sends tamper, low battery & supervision signals

Part No.
WSIREN



Wireless Solar Siren

- Wire-free operation
- No cable required
- In-built solar panel to charge internal battery
- 40 days of continuous operation without sunlight once charged
- Incorporates powerful 105dB/M siren & blue strobe light
- High capacity 6V 1.2Ah sealed acid rechargeable battery
- Tough polycarbonate housing
- In-built tamper switch to activate siren in case of unauthorised removal
- Weatherproof for outdoor use

* Also available with interface transmitter for use with other alarm control panels (See WSSOL-WSUTX)

Part No.
WSSOL

Wireless Solar Siren & Interface Transmitter



This system allows the Watchguard™ WSSOL solar siren to be used with most brands of alarm panels. The solar siren simply mounts to any external wall and the interface transmitter is connected to the siren output on your control panel. When the siren output is activated your solar siren will sound in unison and when the panel's siren output stops the cancel signal is sent to the solar siren.

40 Days
continuous operation
without sunlight

- Compatible with most brands of alarm control panels
- 40 day continuous operation without sunlight once charged
- Powerful 105dB/M siren & blue strobe light
- Inbuilt solar panel to charge high capacity 6V 1.2Ah acid battery
- Tough polycarbonate weatherproof housing for outdoor use

Part No.
WSSOL-WSUTX



Wireless Supervised PIR Detector

- Dual Edge™ PIR Sensor Technology
- 12m detection range
- Compact & elegant design with swivel bracket for easy installation
- Intelligent power saving mode
- Up to 3 years life from 2 x CR2450 lithium batteries
- Selectable pulse count

Part No.
PIRW3



Wireless Supervised Reed Switch/Universal Transmitter

- Used on doors and windows
- Also has inbuilt terminals for use as universal transmitter
- Up to 5 years life from 2 x CR2450 lithium batteries

Part No.
WREEDI



Wireless Supervised Smoke Detector AS/NZS 3786:1993

- Gas Ionisation type
- Inbuilt piezo siren
- 9 volt alkaline battery
- Audible low battery warning

Part No.
SMODETW



Wireless Supervised PIR Detector (Outdoor)

- Fully sealed UV resistant housing for outdoor use
- 4 selectable coverage patterns (wide angle 10m, curtain 10m, long range 20m & vertical curtain 3m)
- 9 volt alkaline battery provides approx. 1 year life
- Communicates alarm, low battery & supervision signals
- Works with all of our Universal Receivers & Alarms
- High quality TAKEX sensor
- Made in Japan

Part No.
PIRWOD



Wireless Mini Numeric Keypad White

- Allows arm / disarm, home mode & panic functions
- Backlit rubber buttons
- Only 45 x 55 mm
- Code Hopping Technology
- Wall mount or portable
- Selectable 4 digit PIN number

Part No.
WKP



Large Wireless Numeric Keypad

- Large conventional size wall mountable keypad with flipdown front cover
- Allows arming & disarming of your system via PIN number
- 9 volt battery powered
- User programmable 4-digit PIN code
- Low battery indicator
- Back lit keys for night time illumination
- Weatherproof for indoor or outdoor use (under cover)
- For use on WGDIGITAL only

Part No.
WKPL



Personal Emergency/Panic Pendant

- Two internal switches meets new standard compliance for hold up buttons
- Designed with the elderly or invalid person in mind
- Large easy push rubber button
- Nylon lanyard included allows it to be worn safely around the neck
- Splashproof design
- Dipswitch coding

Part No.
WPANIC



Wireless Emergency Duress "Mushroom" Button

- Large industrial grade switch
- Inbuilt fixed code transmitter
- LED indicators for activation and low battery
- Optional external power supply

Part No.
MBTX



NEW!

Auto Tracking Day and Night Camera with inbuilt PIR Motion Sensor

New from Watchguard, this Auto Tracking PIR Camera is a revolutionary combination product ideal for use in industrial, commercial or residential applications. The CCTV camera and in-built PIR motion sensor allow it to follow a subject across a 180° range. What sets the VSTRACKCAM apart from other products is that the subject only needs to be within the whole 180° surveillance zone for the camera to begin tracking, making it much more effective at detecting potential burglars, shoplifters or trespassers. To accomplish this, the camera has three built-in surveillance modes: Track and Follow Object, Fixed Surveillance on specified area and Regular panning scan of surveillance area.

The product is contained in an IP44 ABS resistant housing and includes an anti-tamper switch for greater tamper protection.

Features:

- Anti-Tamper Switch
- Built-in relay out video trigger for DVR or Alarm
- Day and Night Operation
- Very easy to use - can be set up in minutes
- Utilises three dual-element PIR sensors with the latest dual-thermostat protection
- Built-in High Gain Mic
- Three Surveillance Modes
 - Tracks and Follow an object
 - Fixed surveillance on a specified area
 - Regular panning scan of the surveillance area



Part No.
VSTRACKCAM

UNIVERSAL TRANSMITTERS & RECEIVERS



NEW!

4 channel version now available!

2 Channel Transmitter / Receiver Set - 433.92 MHz

This product is designed to be simple and easy to use. It has simple wiring connections and can be used in a variety of applications. Primarily, this product can be used to remote control your car, garage door, home alarm system, or your electric gate. The number of items to which you can interface is almost endless. The unit is supplied with 2, dual button remote controls which have an operating range of approximately 100 metres (line of sight subject to environmental conditions). The remote controls for this unit operate using code hopping technology. This is otherwise known as anti code grabbing or anti scanning type. This leading-edge technology prevents unauthorised copying of your remote control. This technology sends a unique and different code each time any of the remote control buttons are pressed.

- 1 second (momentary) negative outputs for each channel
- Separate latched negative output for channel 1
- Flashing 12V LED output for channel 1, i.e.- flashes when the button is pressed, stops when it is pressed again
- Can store up to 15 remote controls in total
- Up to 100m radio frequency range (line of sight)

Suitable for use with:

Electric garages / gates	Vehicle central locking
Home security systems	To replace your old, large & low security remotes

Part No.
RCX
RCX4



Universal Transmitter / Receiver Set for Alarm Control Panels - 433.92 MHz

This 8 Channel wireless narrow-band UHF 433.92MHz receiver / transmitter set will allow you to add remote on/off & panic functions to your alarm panel. It will also allow you to add up to 4 wireless sensors to your existing hardwired alarm panel. The unit is supplied with 2 x remote controls which have an operating range of approximately 100 metres (line of sight - subject to environmental conditions).

- Code hopping remote control technology
- Remote functions include arm / disarm & panic
- Ability to quickly add or erase detectors from your system
- 4 wireless DETECTOR zones available
- Wireless detector supervision output
- Low battery warning output
- Detector tamper warning output
- Intelligent detector learning program to prevent accidental code duplication
- Memory recall function to identify individual detectors ending low battery or tamper codes
- Wireless detectors available include PIR's, reed switches, smoke sensors & panic buttons

Suitable for use with WIRELESS:

PIR Movement Detectors	Magnetic reed switches
Panic / duress buttons	Smoke sensors

Part No.
KISSRX



4 Channel Multi-Function Receiver / Transmitter Set - 433.92 MHz

The RXPROR4 is an advanced multi-purpose 4-channel narrow-band UHF receiver / transmitter set with fully programmable relay outputs (1 amp rating). It is supplied as standard with 2 x code hopping, 4 button remote controls with long life lithium batteries. It can be used to add Watchguard wireless alarm accessories to virtually any alarm panel or device.

- Up to 200m radio frequency range (line of sight)
- All outputs are individually programmable to suit almost any application (momentary, latched, timed or pulsed)
- Up to 5 high security code hopping remotes (anti-scan, anti-code grabbing) can be used
- Power supply requirement: 12VDC @ 500mA
- Compatible with Watchguard wireless alarm detectors
- Up to 4 wireless detectors can be used
- Supports detector low battery, supervision & tamper signal outputs
- Step by step programming via remote control & indication via feature and channel LED's

Suitable for use with:	Add wireless alarm sensors to any device	Most devices that allow remote on / off operation
To replace your old, large & low security remotes	Electric garages / gates	Home security systems

Part No.
RXPROR4



4 Channel RF Receiver - 433.92MHz

The RXENF4 is a 4 Channel RF Receiver with 4 independently programmable output modes. When used with the TXENF4 4-Button Wireless Transmitter, this receiver can be used to control a variety of home automation devices, such as garage door openers, lights, motorised gates, lifts, or other devices, by remote control. The in-built 'Mode Switch' buttons allows for easy programming/re-programming of the channels. The receiver has 4 LEDs, one per channel, which indicate RF reception, learn mode, transmitter cleared and output type.

Features:

- Antenna transmission range of 150m (Can be extended to up to 350m with the use of the RXENF4ANT Dipole Antenna)
- RXENF4ANT External Antenna plugs directly into receiver PC Board.
- Mode switch for easy transmitter learning.
- Each receiver channel can learn the codes of 15 different transmitter buttons on a first-in, first-out basis.
- Codes are stored safely in EEPROM for up to one year in case of power loss.
- Four Form-C Dry Relay Contact (N.O./N.C./Common) Outputs. Each output rated 10 Amps at 24 VDC.
- 4 Separate Channels / 4 Output Modes Each:
 - Timed Momentary (1, 2, 3, 4, 5, 10, 30, 60 sec.)
 - Toggle (On/Off)
 - Latch (Output stays on until manually reset)
 - Continuous or Validity (Output for as long as signal is received)
- *All outputs are independently controlled. (i.e. Channel 1 can be toggle, Channel 2 can be one second momentary, etc.)

Part No.
RXENF4



Extended Range "Dipole" Type Antenna for RXENF4

This flexible antenna is used to extend the transmission range of the RXENF4 wireless receiver an additional 300m (Open air, LoS). The antenna easily plugs into a connector on the receiver, no extra wiring is required.

Part No.
RXENF4ANT

NEW!

4 Button Code-Hopping Hand-Held Transmitter - 433.92MHz

This 4-Button Code-Hopping Hand-Held Wireless Transmitter works in conjunction with the RXENF4 Wireless Receiver to allow you to remote control garage doors, alarm panels and home automation functions.



- Extremely durable: Rubber buttons help eliminate electrostatic discharge damage. Gold-plated battery clips and contact points extend the life of the transmitter.
- The transmitter has an operating range of 150m (Open air, Line of Sight)
- Uses anti-code grabbing technology for greater security
- Over 68 Billion possible transmitting codes

*Transmitter Belt Clip Holster also available (TXENF4HOLDER)

Part No.

TXENF4

TXENF4HOLDER

WIRELESS MINI ALARMS

Ideal for the elderly, as an emergency button or for general security.



Calls up to 3 people when the button on the remote control or main unit is pressed

Wireless Help/Panic Alarm With Automatic Phone Dialer

This Help/Panic alarm with telephone dialer and RF key fob allows you to record a 10 second help message and store 3 prefixed telephone numbers of your choice. When the button on the main unit or remote is pressed it will dial the 3 preset telephone numbers. When the receiver answers the phone they will hear the recorded message and can take appropriate action. In addition, they have the option to open a two-way hands free conversation between the caller and the receiver. You can have up to 3 remotes and each one can be used up to a distance of 50m from the main unit.

Features:

- Auto dialer, up to 3 programmable telephone numbers with a maximum of 16 digits each.
- Record a personal 10 second message
- Detection Area: Max 50m long, LoS
- Easy to program
- Two-way hands free voice communication
- Use Radio 433.92MHz AM Super heterodyne receiver

Part No.

WGWHAD

Personal Alarm - 130dB loud siren

This personal alarm, also known as a personal attack or duress alarm, offers you basic protection and peace of mind. Our 130dB personal alarm is designed to draw attention to any crisis. The alarm is activated when the alarm pin is removed from the alarm body. The alarm is compact enough to fit in your pocket or handbag.



- Pull wrist cord to activate
- 130dB loud siren
- Light weight

Part No.

WGPA A



Standalone Wireless Motion Sensor Alarm

Standalone wireless motion sensor alarm, ideal for home, garage or caravan. Can be activated or deactivated by a radio remote control from up to 30m away. Sits on any surface, with no mounting required

- 130dB ultra-loud alarm
- PIR sensor detects motion up to 7m
- Can be mounted on walls or simply placed on any flat surface
- Radio remote control activates & deactivates the alarm at a range of up to 30m

Part No.

WGWMSA

FIRE SAFETY PRODUCTS

Vinyl Pouch Fire Blanket



- Approved to Australian Standard AS3504 + Standards Mark
- Ideal for use on cooking oil and stove top fires
- A compact and easy to use household fire blanket
- Essential for kitchens, where 2 out of 3 home fires start
- Manufactured from 100% Woven Glass Fibre
- Handy Vinyl Pouch allows wall hanging
- Release tapes act as handles when blanket is unfolded

Available in
- 1.8m x 1.8m
- 1.0m x 1.0m



Part No.

WGFB1.0VP

WGFB1.8VP

Photoelectric Smoke Alarm



Photoelectric Smoke Alarms consist of a light emitting diode and a light sensitive sensor. The presence of suspended smoke particles in the chamber scatters the light, which is detected, setting off the alarm. Photoelectric technology is superior to ionisation technology in detecting the visible smoke produced by smouldering fires, which most commonly occur in homes.

- Latest Photoelectric Technology
- Built-in test button
- Battery missing indicator
- Non-radioactive technology
- Extra loud alarm (sound over 85dB)



Part No.

WG1SMKP

Ionisation Smoke Alarm Twin Pack



Ionisation alarms detect the presence of large quantities of very small particles entering the ionisation chamber, when in sufficient quantity will cause an alarm to sound. Sufficient quantities of particles are generally only produced by flaming fires or from very hot surfaces. Ionisation alarms are more responsive to fires that start as, or quickly escalate into a flaming stage.

- Ionisation Sensor - sense visible or invisible particles of smoke at the earliest stage
- Easy installation (wall mount bracket & screws included)
- Extra loud alarm (sound over 85dB)



Part No.

WG2SMKI

SMS8



Australian Designed!

*mobile phone not included

8 Zone Alarm Panel & LCD Keypad

The SMS8 is our premier 8 Zone Alarm Panel and LCD Keypad, ideal for use in a home or business. The system is designed to provide personal security monitoring via your mobile phone using SMS Messaging or optional high security 24 Hour back-to-base monitoring. (*Fees Apply)

System reports are sent using the industry standard Contact ID communication protocol. The benefit of using the SMS8 to send these reports is that no SIM card is required - SMS messages are sent via your landline.

The SMS dialer function can be disabled if desired so as to operate as a regular 'dialer' alarm control panel only. The system is designed to be easily programmed, with all programming and setup done via a simple menu-driven system.

Features:

- 8 Hardwired Zones
- One button "Quick Arming" plus "Home Arming" for arming only certain areas - ie: at night you can have the sensors in living areas armed, but those in the bedrooms disarmed.
- Panic, medical and fire emergency buttons
- Key-switch input
- On board modem with Contact ID protocol for optional back-to-base monitoring
- Supports SMS text messaging of alarm information to two separate mobile phone numbers
- Telephone line fault monitoring

Specifications:

Number of Zones	8 Fully Programmable hardwired zones, including 3 keypad activated EMERGENCY soft zones	Alpha Keypad	User friendly; Menu Driven; Attractive low profile LCD keypad; Add up to 4 keypads
Circuit Type	End of Line Monitoring	Telephone Dialer	Inbuilt
Control Timing	Entry/Exit delay, Siren Time, AC Fail, Phone Line Fail	Digital Communication	Two 16 Digit Phone Numbers
Installer Code	6 Digit; required for all programming	External Output	9.5-14VDC @ 1.5Amps
User Codes	16 (4 Digit) user codes; programmable by master code (user #1)	Outputs	Siren Output - 700mA; Strobe Output - 700mA; Aux. Output - 700mA; Switch Aux Output - 200mA; All electronic fused.
Message Formats	Ademco Contact ID (CID), SMS	Reporting	Dual, split or Back-up
Power Input	16.5VAC	Cabinet Dimensions	Zinc plated CRS 0.8mm steel; 255 x 230 x 67mm (HxWxD)
Standby Battery	12V, 7AH Sealed Lead Acid Battery		



Professional Hardwired Alarm Kit for COMPLETE Home or Office Protection

If you're after a complete Home or Office alarm system, you **NEED** our SMS8KITHW. It contains a premier Watchguard™ 8 Zone alarm panel, internal and external sirens, motion sensors, reed switches and an emergency panic button. These detectors and sirens help protect **ALL** areas of your house by performing functions such as monitoring your rooms for movement, and detecting when door or windows are opened. This gives you greater peace of mind that your home is secure against thieves, burglars and vandals.



- 1 x SMS8 Alarm Control Panel with LCD Keypad
- 1 x Outdoor Siren/ Strobe
- 3 x High Quality PIR Sensors
- 1 x Indoor "Top Hat" Piezo Siren
- 4 x Surface Reed Switches for Doors or Windows
- 1 x Emergency Panic Button
- 1 x 7Ah Sealed Lead Acid Backup Battery
- 1 x 16VAC Power Supply
- 1 x 100m of 4 Core Alarm Cable

Part No.
SMS8
SMS8KITHW

WGAP816

8 Zone Alarm Panel & LCD Keypad Expandable to 16 Monitored Zones

The WGAP816 is a versatile, microprocessor-based, fully featured 8/16 Zone alarm panel, which has two partitions. The alarm panel provides immediate notification of burglary, fire, medical & panic conditions. There is a dedicated panic zone, monitored siren output, auxiliary power outputs and five (expandable to seven) programmable outputs that may be programmed to perform various trigger/switching functions.

Product Features:

- Eight programmable, end of line supervised zone inputs
- 2 Partitions
- Five programmable outputs on alarm panel. Expandable to seven when using Wired Zone Expander module
- Programmable loop response time
- Auto arm/disarm capability per partition and by day of the week. The panel can be programmed to arm/disarm at a pre-determined time
- Optional tamper reporting per zone using double end of line resistors (12k and 4k7)
- Fully programmable digital telephone communicator that supports most industry standard formats.
- Non volatile EEPROM memory retains all program and event log data in the event of a total power failure
- Excellent protection against lightning (provided by specialist "zap tracking" and transient suppressors)
- Fax defeat/answering machine override
- Dual reporting provides for duplicated reporting to two independent central base stations
- 3 quick arm modes
 - Away
 - Stay with no exit delay
 - Stay with exit delay
- 32 user codes
- Dynamic battery self test
- Low battery cut out circuit
- 500 event log
- False alarm reduction features



NEW!

OPTIONAL 8 Zone Expander

Model: WGAPEXPAND

- 8 wired, end-of-line supervised zone inputs
- Optional tamper per zone using double end-of-line resistors
- Programmable loop response time
- Dedicated box tamper input
- Excellent protection against lightning (provided by specialist "Zap Tracking" and transient suppressors)
- Expander supply voltage monitoring



8/16 Zone Hardwired Alarm Kit for COMPLETE Home or Office Protection

If you're after a complete Home or Office alarm system, you **NEED** the WGAP816KIT. It contains a Watchguard™ 8/16 zone alarm panel, internal and external sirens, motion sensors, reed switches, emergency panic button and all necessary power supplies and cabling. These detectors and sirens help protect ALL areas of your house by performing functions such as monitoring your rooms for movement, and detecting when doors or windows are opened. This gives you greater peace of mind that your home is secured against thieves, burglars and vandals.



1 x 8/16 Zone Alarm Control Panel with LCD Keypad

1 x Outdoor Siren/Strobe

3 x High Quality PIR Sensors

1 x Indoor "Top Hat" Piezo Siren

4 x Surface Reed Switches for Doors or Windows

1 x Emergency Panic Button

1 x 7Ah Lead Acid Backup Battery
1 x 100M of 4 Core Alarm Cable
1 x 16VAC Power Supply

Part No.
WGAP816
WGAP816KIT

WGAP1632

16 Zone Alarm Panel & LCD Keypad Expandable to 32 Monitored Zones

The WGAP1632 is a versatile, microprocessor-based sixteen-zone Alarm Panel. There are eight partitions and the panel can be expanded to monitor a total of thirty-two burglary zones through the use of wired zone expanders (Maximum of two). Most features are optional and may be programmed directly through the LCD Alpha-numeric keypad. There is a dedicated Panic zone, monitored siren output, auxiliary power outputs and eight (expandable to twelve) programmable outputs which may be programmed to perform various trigger/switching functions.

Product Features:

- 8 Partitions, 250 user codes, 500 event log
- Programmable loop response time
- RS485 keypad bus supports two 8-zone expander modules, one remote receiver, up to 16 keypads and GSM Communicator
- 16 programmable, end-of-line supervised zone inputs
- Expandable to 32 zones via keypad zones, zone expander modules, zone doubling or wireless expansion
- Optional tamper reporting per zone using double end-of-line resistors (12k and 4k7)
- Auto arm/disarm capability per partition and by day of the week. The panel can be programmed to arm/disarm at a predetermined time
- 8 programmable outputs on Alarm Panel. Expandable to 12 when using Wired Zone Expander module
- Non-volatile EEPROM memory retains all program and even log data in the event of a total power failure.
- Event log, date and time stamped (approx. 700 events - exact number of events is dependant on the timing of the events)
- Up and download using Windows based software, either directly via RS232 or remotely using a modem
- Excellent protection against lightning (provided by specialised "zap tracking" and transient suppressors)
- Fax defeat/ answering machine override
- Dual reporting provides for duplicated reporting to two independent central base stations – or one base station and a cellphone
- Support for secure dial-in functionality using any DTMF phone
- False alarm reduction features
- Optional voice module for voice reporting and DTMF, voice-prompted remote-controlled menu
- Dynamic battery self test



NEW!

OPTIONAL 8 Zone Expander

Model: WGAPEXPAND

- 8 wired, end-of-line supervised zone inputs
- Optional tamper per zone using double end-of-line resistors
- Programmable loop response time
- Dedicated box tamper input
- Excellent protection against lightning (provided by specialist "Zap Tracking" and transient suppressors)
- Expander supply voltage monitoring



16 Zone Hardwired Home Alarm Kit for COMPLETE Home/Commercial Building protection

If you're after complete commercial building protection, you **NEED** the WGAP1632KIT hardwired system. It contains a premier Watchguard™ 16 Zone alarm panel, internal and external sirens, motion sensors, reed switches, emergency panic button and all necessary power supplies and cabling. These detectors and sirens help protect **ALL** areas of your house by performing functions such as monitoring rooms and offices for movement, and detecting when door or windows are opened. This gives you greater peace of mind that your building is secure against thieves, burglars and vandals.



1 x 16 Zone Alarm Control Panel with LCD Keypad



1 x Outdoor Siren/Strobe



3 x High Quality PIR Sensors



1 x Indoor "Top Hat" Piezo Siren



4 x Surface Reed Switches for Doors or Windows



1 x Emergency Panic Button



1 x 7Ah Lead Acid Backup Battery
1 x 100M of 4 Core Alarm Cable
1 x 16VAC Power Supply

Part No.

WGAP1632

WGAP1632KIT

HARDWIRED ALARM ACCESSORIES



SMS8RX Wireless Receiver for SMS8 Alarm Panel

The SMS8RX is a state-of-the-art narrow band wireless receiver, designed to operate with the SMS8 control panel. It has been specifically designed to enable easy installation with a simple 2-wire interface connection and is supplied complete with 2 high security code hopping remote controls. Remote functions include arm, disarm, home mode and panic. It features intelligent wireless detector learning allowing you to quickly add or erase up to 8 detectors from your system including PIRs, reed switches, smoke sensors and panic buttons. Low battery and detector supervision are also on board.

- Code Hopping remote control technology
- Remote functions include arm/ disarm, home arm & panic
- Ability to quickly add or erase detectors from your system
- 8 wireless detector zones available
- Wireless detector supervision
- Low battery warning
- Detector tamper warning
- Intelligent detector learning program to prevent accidental code duplication
- Memory recall function to identify individual sending low battery or tamper codes
- Wireless detectors available included PIRs, internal or external
- Reed switches & smoke sensors
- Compatible with all Watchguard wireless accessories

With
Easy Wire
Serial Interface

Part No.
SMS8RX



NEW!

GSM Backup Module For Intruder Alarm Systems

In case your landline is sabotaged or is out of service, this GSM back-up device enables your security system to communicate with your monitoring centre via the mobile phone network. It utilises a high quality GSM modem and is capable of sending (independently to your panel) its own periodic phone test, phone line failure or low battery message to 4 different receiver station phone numbers, via Contact ID protocol using the GSM network. Both pulse and DTMF dialing are supported and as the unit draws less than 100mA, it can be easily powered directly from your alarm panels 12VDC power supply.

- Backup phone line function: In case of the failure of your PSTN Line, the system simulates a virtual PSTN line over the GSM mobile network.
- Encrypted GPRS-TCP/IP communication
- Default factory setting: If the connected PSTN landline is available, all calls will be made through the PSTN line. If the PSTN line ever fails, all calls will then be made via the GSM Network

Part No.
GSMBU-ZB

Want to receive SMS Alert Messages without having to pay for back to base monitoring?



Allows any panel with a Contact ID format dialer to send SMS messages

Contact ID to GSM SMS Message Text Converter

This is an add-on board that connects to your existing control panel, to convert Contact ID to SMS. It is designed for people who wish to have personal monitoring of their security control panels. This board simply connects onto the existing alarm panels communications port, the 12V supply output and onto the telephone line.

- Allows any panel with a Contact ID format dialer to send SMS messages
- Connects to standard telephone line
- Easy to install
- No SIM card required
- Maximum 16 alarm zones

Part No.
SMSIB

Universal Passive Infrared Movement Sensor

This advanced PIR body heat movement sensor is suitable for indoor use with any alarm control panel. It can detect movement up to 12m away at an angle of 110 degrees from the sensor. The detector features automatic temperature compensation to improve performance when the ambient heat level in a room changes. The adjustable pulse count function enables you to select either normal or reduced detection sensitivity levels for use in harsh environments.

- High quality dual element PIR sensor
- Micro processor controlled
- Auto temperature compensation
- Adjustable pulse count (sensitivity)
- Selectable N.O. or N.C. alarm outputs
- Selectable detection LED indicator ON / OFF
- N.C. case tamper switch

Part No.
PIRHW



Universal Movement Sensor With Triple Technology

This advanced indoor movement sensor can be used with any alarm control panel and incorporates 3 detection technologies designed to prevent false alarms. It is particularly suited for use in harsh environments where using a standard PIR may result in false alarms caused by rapid changes in heat, light levels or from other environmental factors. This triple technology detector requires both the PIR and microwave sensors to both simultaneously detect an intruder (using software signal analysis) before activating the alarm output. Detection range is approx. 12 metres.

- High quality quad element PIR sensor
- Adjustable microwave sensor with auto temperature compensation
- PIR look - down zone
- Selectable N.O. or N.C. alarm outputs
- 3 indicator LED's Green PIR, Yellow MWAVE, Red ALARM
- Selectable detection LED indicator ON / OFF
- N.C. Case tamper switch

Part No.
PIRHWT



Model No:
PIRLHLB

Large Mounting Bracket For PIR Detectors

Suitable for use with:
- PIRHW



Model No:
PIRLHSB

Small Mounting Bracket For PIR Detectors

Suitable for use with:
- PIRHWT

Part No.
PIRLHLB
PIRLHSB



Photoelectric Hardwired Smoke Detector

- Sensor Type: Infrared Photoelectric Diode
- Dust and insect proof
- Detection Range 20m Sq
- 12V DC

Part No.
SMODET15P



Piezo Siren

Repel an intruder from your home by installing this high frequency, super loud siren.

- Connect to the Negative On Alarm output on your alarm system
- Dimensions: 85(W) x 89(D) x 41(H) mm

Part No.
DPS



Flush Mounted Internal Siren

- Emits a high frequency oscillating siren intolerable to the human ear
- Low profile design to mount flush with ceiling
- Repel intruders from your home

Part No.
DPSF



Complete Outdoor Siren - Full Assembled AC/DC Siren, Strobe & Tamper Switch

This product has been specifically designed to save alarm installers time and money. It combines a dual power AC/DC high powered siren, high visibility blue strobe light and tamper switch. It is housed in a moisture and UV resistant attractive industry standard external casing and all cabling is pre terminated.

- Suits all alarm control panels
- No assembly required, saves time & money on installation
- Highly durable, moisture & UV resistant external housing
- Pre-terminated wiring
- High visibility blue strobe
- High powered dual AC & DC Siren
- Tamper Switch
- Includes rear protective cover



Part No.
COS



Compact External Siren With Strobe

European style external siren with integral blue strobe light, piezo siren and tamper switch

Part No.
W24SIREN



Reflex Horn Speaker

- High powered
- For use with most alarm control panels
- Includes mounting base
- Alerts occupants and neighbours of intruders

Part No.
DRHS



Single Tone Siren

- 12V DC
- 115dB single tone siren
- Mainly used with control panels with no internal siren driver

Part No.
S42



Flashing Blue Strobe Light

- Low profile blue strobe light
- Designed for use with external sirens
- Continuous rated xenon tube

Part No.
DSBM

NEW!



Surface Reed Switch (N/O Contact)

High quality Magnetic Surface Reed switch which has Normally Closed/Normally Open Contacts.

Part No.
DSRNONC



High Impact Plastic External Siren Cover

This External Siren Cover has been developed and designed as a replacement for old or damaged siren covers.

Main Features:

- Highly Durable.
- Moisture and UV resistant.
- Designed in Australia.

Part No.
DPSCY



Concealed Reed Switch

- Perfect for mounting in the tops of doors or hidden areas

- Easy "push-in" installation
- Compact design
- Dimensions(mm): 32(L) x 11(Dia.)
- White

Part No.
DCRW



Roller Shutter Reed Switch

- Strong heavy duty cast housing
- Termination contacts via a stainless steel flexible conduit
- N/C contacts

Part No.
DRSR



Large Surface Mount Reed Switch

- Surface mounted reed switch
- Industry standard
- N/C contact with solder terminals
- Dimensions(mm) Reed: 90(W) x 13(H) x 12(D)
- Magnet: 90(W) x 13(H) x 12(D)
- White

Part No.
DSRHDW



Mini Surface Mount Reed Switch

- Compact design surface mount
- Industry standard
- N/C contacts
- Dimensions (mm): Reed - 63(W) x 12(H) x 20(D)
- Magnet - 63(W) x 12(H) x 11(D)
- White

Part No.
DSRLW



On/Off Key Switch

An On/Off keyswitch with 2 keys used for various applications.

2 positions, single pole, single throw changeover switch.

Part No.
2POSSPST



12V 15A Universal Switching Relay

This is a 12V 15A Contact Rated Universal Switching Relay. The relay is contact closed when power is applied.

Part No.
REL01LOOM



Emergency Button Switch

- When pressed will instantly trigger the alarm
- N/C & N/O contacts
- Slimline design
- Dimensions(mm): 23(W) x 76(H) x 15(D)

Part No.
DEBS

NEW!



Dual Button Emergency Switch (N/O Contact)

- Dual button activation virtually eliminates accidental triggering
- Push to Close momentary contact type
- Pre-wired for quick installation
- Sturdy metal case, silver-plated spst contacts
- Rated 1Amp at 25VDC

Part No.
DEBSDUAL

NEW!



8 Zone Wired Expander for the WGAP816 and WGAP1632 Alarm Control Panels

- 8 wired, end-of-line supervised zone inputs
- Optional tamper per zone using double end-of-line resistors
- Programmable loop response time
- Dedicated box tamper input
- Excellent protection against lightning
- Expander supply voltage monitoring

Part No.
WGAPEXPAND

NEW!



Watchguard High Quality LCD Keypad for use with the WGAP816 and WGAP1632 Alarm Panels

Developed for use with the Watchguard WGAP816 and WGAP1632 Alarm Panels, this high quality LCD Keypad easily allows you to program and access your security system's functions and information. The large LCD screen displays menus and messages to inform you of your alarm status/any changes you are making. All the alarm system programming is done via the LCD Keypad. Programmable functions accessed through the keypad include auto-arming, away arming, zone bypassing and setting/changing/allocating user codes.

Part No.
WGAPKP

ELECTRONIC ARTICLE SURVEILLANCE (EAS)

EAS labels & tags are used as anti-theft devices. The tag or label is used with a doorway reader to detect if an item is being removed without authorisation. EAS systems are used mainly in retail stores, data centres, and libraries. When applied to items, the EAS tag / label is capable of activating an audible alarm as it passes through the doorway detector. Because of the anti-theft protection they provide, EAS systems allow more freedom for retail stores to display items that would usually be locked in display cases. This allows the consumer to examine the product more closely before purchasing.



Doorway Readers

Locate the doorway reader at the front entrance of the shop or the cashiers in supermarket. Any product that has an EAS tag attached must be presented to the cashier to deactivate the code; if the EAS tag hasn't been deactivated, when passing through the doorway reader the alarm will sound, in order to notify staff members.

- 1.2m operational width
- Multiple units can be connected to cover wider entry/exit points
- High sensitivity, low false alarm rate
- Anti-disturbance from metal trolleys and touch
- Uses advanced DSP microchip data processing to speed up scanning of EAS tags.
- Two alarm tones: quick and slow
- Three alarm volumes: high, medium and low

Bandwidth	7.7-8.7MHz
Scan Frequency	162, 171, 180, 189Hz (also available in 8.2MHz, 10.5MHz)
Signal sampling rate	21.8us
Operating Range	Soft label 1.2m / Hard tag 1.5m
Alarm Volume	High, Medium, Low
Alarm tone	Quick, Slow
Dimensions	1650 x 340 x 85 mm

Part No.

RFTMAIN1R
RFTMAIN2R



8MHz RF Hard Tag

The RFT hard tag with chrome pin is commonly used in fashion retail shops. The pin is designed to allow the tag to be pinned onto the clothing without damage. To remove, simply place the tag on top of the magnetic detacher, and the pin will release.

- Frequency: 8.2MHz
- Detection range: 1.30m-1.40m

Part No.

RFTHARDTAG



Ink Tag

The ink tag provides double the security for your products. It contains a small amount of highly visible ink, if anyone tries to force the tag off, the ink will spill out. Best suited for use in the clothing industry.

Part No.

RFTINKTAG

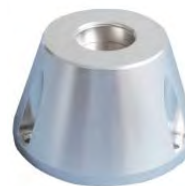


8MHz Adhesive RF Labels

These discrete disposable labels are designed to be placed directly on product packaging. Commonly used on books, electronics and cosmetic products.

Part No.

RFTLABEL



Magnetic Detacher

This magnetic detacher, simply mounts to the retail counter-top. The tags are placed on top of the detacher to safely release them.

Part No.

RFTDETACHER



ENERGY SAVING DEVICES (ENSA)



Energy Saving Master Slave 6 Way Powerboard

This Energy Saving Powerboard contains a special sensor that measures the electrical current running through the Master socket. It then automatically switches the 4 Slave sockets on or off based on the status of the Master. Eg: if your computer is plugged into the Master Socket and your printer, monitor, scanner, etc. are plugged into the Slave sockets, when your PC is turned off, the other equipment will also be switched off. This saves a significant amount of energy and also prolongs the life of your valuable equipment. Furthermore, it will minimise the risk of fire presented by appliances being always left on standby. Ideal for Computers, Audio/ Visual, Workstations, Offices, etc.

This powerboard also features a circuit breaker to protect your electrical wiring and connected devices from electrical overload. This feature cuts off power if more than 2400 watts is in use. To calculate total wattage of connected appliances simply add the wattage stated on each appliance and if the total is less than 2400 Watts, you should not experience an overload problem.

Note: If continual activation of the overload switch occurs, please turn off all devices and isolate the problem source. If the problem persists either replace powerboard or seek the assistance of a licensed electrician to find the fault.

Normal Operating Voltage : 240V A.C. 50Hz 10A 2400W Maximum
 Master Outlet operating range >30W, < 500W
 Combination of Appliances

Part No.
 WGESP6

Makes your alarm sensors 'Dual Purpose' by turning on appliances & lights automatically as well as activating your alarm!



Home Automation / Remote Lighting

This unique product simply replaces the standard light switch in a room. The lights can then automatically be turned on when installed along with a compatible wireless detector, remote control or by an existing alarm sensor that is easily retrofitted with a miniature transmitter. When used in auto mode, if the wireless detector senses movement, a door opening, or perhaps even smoke, the ENSA can automatically turn the lights on for a pre-determined period. By not turning on a room light unless there is activity in the room, and there is insufficient natural lighting this product saves energy. There is also a manual mode of operation, where you can turn the lights permanently on or off as per a normal light switch.

- Low cost solution to the home automation & energy saving control of lighting and other devices (i.e. fans), without the need to install any cable or expensive control boxes.
- Can be used in virtually any home or business for convenience, added security, power bill reduction and of course environmental benefits
- Can be installed in minutes by a licensed electrician without requiring any electrical cabling
- Gives a unique opportunity for the security industry to enhance the function of their alarm systems by making their detectors dual purpose.

Part No.
 ENSA

Energy Saving Automated Wireless Power Point

This unique product simply plugs into your existing power point and allows you to control any mains powered device up to 10A (amps) via a wireless sensing device or remote control. Common applications include connecting a lamp, fan, or air-conditioner and using a radio remote control to be able to turn your appliance on/off from virtually anywhere in your home. Alternatively, you can use a wireless detector to save energy by not turning on connected devices unless there is actually human presence detected or insufficient natural lighting. You can also retro-fit our tiny transmitter to existing alarm detectors making them dual purpose.

- Connect any mains powered device up to 10amps.
- Compatible with all Watchguard wireless sensors
- Easy DIY Installation
- Inbuilt adjustable daylight sensor to allow setting of light level for activation.
- Adjustable timer to allow device to turn off automatically after a set period.
- Can be used with our radio remote controls for simple on/off operation.

Part No.
 ENSAPOWERPOINT



Vehicle Security Products



VEHICLE ALARMS & IMMOBILISERS

Vehicle Alarms & Immobilisers	82
Upgrade Car Alarm Systems	85
Engine Immobilisers	85



VEHICLE ALARM ACCESSORIES

Sirens	86
Vehicle Alarm Accessories	86
Central Locking Kits	87



VEHICLE & PERSONAL TRACKING SYSTEMS

GPS Vehicle Tracker	89
GPS Personal Trackers	89



MOBILE DIGITAL VIDEO RECORDERS

Mobile Digital Video Recorders	90
Mobile Digital Video Recorder Accessories	92



REVERSING KITS, SENSORS & CAMERAS

Vehicle Reversing Kits	93
Vehicle Parking Sensors	93
Vehicle Reversing Cameras	94

NEW Release



Rhino[®] NEW Generation! Rhino RAV3 Car Alarm

Australian Standards Approved Car Alarm and Upgrade in One, inc. 3 Point Engine Immobiliser and Glass Break Sensor

PRODUCT FEATURES

Three automatic immobilisers

For maximum security fuel pump, ignition system and starter motor immobiliser cuts (where possible) are made so the car cannot be started unless it is disarmed via the remote. The system will immobilise 40 seconds after the ignition is turned off or when the alarm is armed.

Intelligent glass break sensor

Detects the sound frequency of breaking glass. It will only trigger the alarm if the shock sensor also picks up an impact. This reduces false alarms.

Intelligent dual stage shock sensor

It gives a warning on a light impact and a full alarm on a heavy impact to the vehicle. It can distinguish between environmental shocks such as trucks or aircraft and a thief attempting to break in. It will auto adjust its sensitivity for the environment on arming.

Data battery back-up siren

A self powered siren that communicates independently with the alarm so it cannot be fooled into turning off like normal battery back-up sirens.

Door, bonnet and boot protection

If the alarm is armed and a door, bonnet or boot is opened the alarm will sound.

Central locking from the remote

The alarm will lock/unlock the doors when the alarm is armed/disarmed.

Two rolling code 4 button waterproof remotes

(If you are not using your car's factory key to operate the alarm).

Turbo timer functions

The RAV3 is designed specifically to work with turbo vehicles. It has two turbo timer options to choose from.

On-board turbo timer – no need to fit an external unit - using the on-board turbo timer is the most secure way to have a turbo timer. The alarm is armed as usual but the car will continue to run for the preset run time of 1, 2 or 4 minutes. If the alarm is triggered during this time the car will shut down and the alarm will sound. It can also be turned off prior to the preset run time via the remote.

Turbo timer interface - link the alarm up with your existing external turbo timer so your car will continue to run on the external turbo timer after the alarm is armed as usual. If the alarm is triggered during this time the car will shut down and the alarm will sound.

NEW Control the alarm with your vehicle's factory key

If your vehicle has a factory key that locks/unlocks the doors your RAV3 alarm may be able to interface with it so the alarm arms/disarms at the same time. Boot release will also work from the factory key (and if the alarm is armed it will disarm). This feature will work with most factory keys.

NEW Courier function

Courier function allows the engine to continue running indefinitely while the system is armed. If the alarm is triggered during this time the car will shut down and the alarm will sound.

Compatible with all Rhino car alarm accessories and sensors

Three year warranty

Also available in a 24-volt version

Part No.
RAV3

CAR ALARMS & ENGINE IMMOBILISERS



Australian Standards Approved Car Alarm and Upgrade in One, inc. 3 Point Engine Immobiliser and Glass Break Sensor

The Rhino RAV3 is one of our top quality Australian Standards Approved car alarm. It has been engineered to the highest specifications to give you the ultimate in car security. The main features which have been developed and incorporated into the RAV3 include:

- Three Automatic Immobilisers
- Intelligent Glass Break Sensor
- Intelligent Dual Stage Shock Sensor
- Data Battery Back-Up Siren
- Door, bonnet and boot protection
- Central locking from the remote
- Turbo Timer Functions
- Alarm control via vehicle factory key
- Courier function

Part No.

RAV3



GTS 12 Volt Backup Battery Car Alarm With 2 Point Immobiliser

The Rhino GTS is a highly featured mid-level car alarm and engine immobiliser. It features code hopping remote technology, a full size backup battery siren and numerous programmable features. The two onboard engine immobilisation relays can be used to cut both your starter motor and fuel pump.

- Backup battery siren
- 2 x Code Hopping remote controls
- 2 stage car body impact sensor
- 2 point engine immobilisation (on board relays)
- Protects doors, boot and bonnet
- Central locking relay outputs for keyless entry

24 Volt Version (Model: GTS24V) - Note: GTS24V siren is non battery backup

Part No.

GTS



Backup Battery Car Alarm & Immobiliser

The Rhino GTR is a well featured mid-level car alarm and engine immobiliser. It is a popular choice for budget minded owners looking for most standard alarm features plus connection to their existing central locking and electric boot for keyless entry. The compact size siren is easy to install in cramped engine bays.

- 2 x Compact size remote controls
- 1 point engine immobilisation (onboard)
- Can protect doors, boot and bonnet
- Car body impact sensor
- Central locking relay outputs for keyless entry
- Current (voltage drop) sensing

Part No.

GTR



Australian Standards Approved Upgrade Car Alarm & Immobiliser With Wireless Keypad

Unfortunately, large numbers of high-risk vehicles are now being stolen by thieves gaining access to the owner's car keys. With the RAKP, even if your car keys are stolen (including possibly your factory remote control) the RAKP can not be disarmed without entering your chosen PIN number. The Rhino RAKP is a variant of the RA Model and is designed primarily for use in modern high theft-risk vehicles with factory remote controls. The inclusion of our special wireless keypad prevents anyone from being able to disarm the alarm and start the vehicle unless they enter the chosen 4 digit PIN number within 20 seconds of opening one of the car doors.

- Auto-Immobiliser: The 3 onboard immobilisation circuits automatically activate 38 seconds after turning the ignition off.
- Auto Arming Alarm (Programmable): If the car ignition is switched off and a door is opened and closed, the alarm can be set to arm automatically.
- Manual Arming: You can also turn the alarm function on manually via your PIN number if you don't want to use the automatic function all the time.
- The wireless keypad uses long-life lithium batteries and has backlit keys for night time illumination.

Part No.

RAKP

RECEIVE SMS ALERT FROM YOUR CAR!



The Rhino RAM



Car Alarm and Immobiliser With 2-Way SMS Mobile Communication via SMS Text Messaging

The Rhino Model RAM is arguably the world's most advanced car alarm system. This system enables 2-way communication between you and your vehicle via a GSM mobile phone. The RAM is a high specification, all-in-one car alarm and immobiliser, with GSM mobile phone communication via SMS Text Messaging (SIM card required).

- 2/3 Point engine immobilisation (2 Onboard Relays and Output)
- Battery backup siren
- Code Hopping remote technology
- All points of entry protection (Doors, Boot, Bonnet)
- Dedicated onboard audio discriminating glass break sensor
- 2 stage shock (impact) sensor with auto adjust
- All black wiring harness
- Negative pulse central locking outputs
- GSM low coverage warning
- 3 SMS controllable negative outputs

The RAM Can Send SMS Messages To Up To 5 Mobiles Advising:

- Alarm activation and cause
- If no response, your RAM will dial specifically programmed number(s)
- Panic / duress activation
- Car low battery warning

By Sending An SMS Message To Your Vehicle You Can:

- Acknowledge receipt of an alarm message
- Remote immobilise the engine
- Remote arm and disarm the system
- Remote unlock the doors

Part No.
RAMV2

UPGRADE CAR ALARM SYSTEMS

'Transformer' Upgrade Alarm System For Vehicles With Factory Keyless Entry



If your vehicle is fitted with a factory remote keyless entry system, and you would prefer not to have a second remote control on your keyring (because your ignition key is part of the factory remote control), then the Rhino Transformer is your system of choice. Whenever you lock and unlock your vehicle with the factory remote, your Transformer alarm will arm/disarm in turn. The Transformer is simply a variant of the RA system with identical features - except there is no need for remotes. The connection of engine immobilisation circuits (up to 3) in addition to the factory immobiliser is optional, but at least 2 must be connected to meet Australian Standards requirements.

- Australian standards approved AS/NZ 3749.1 2003
- Three point engine immobilisation (onboard relays)
- All points of entry protection (doors, boot, bonnet)
- 2 stage pre-alert car body impact sensor with ETS
- Alarm memory (allows recall of the 10 most recent alarm activations in order)
- Visual arming and disarming via indicators (optional)
- Audio discriminating glass break sensor
- Backup battery siren
- All black wiring harness

Part No.
TRANS



* Mobile phone not included



'Transformer SMS' Add-On SMS Paging System For Vehicles With An Existing Alarm

The 'Transformer SMS' adds state-of-the-art 2 way GSM mobile phone communication to your existing factory or after-market car alarm system. If you intend to rely on the existing alarm system fitted in your vehicle, this product enables you to be notified on your mobile phone if the alarm is activated. You can also connect to your existing central locking to allow you to unlock your car from your mobile in case you ever lock your keys in your car!

- Notification of factory alarm activation via SMS text message
- Receive SMS alerts when your car battery is low
- Up to 5 people can be notified upon alarm activation
- Failure to respond to an SMS alert causes the system to ring the primary user to gain maximum attention
- 3 independent negative outputs can be controlled via SMS message these may be used for remote arming or other functions such as opening electric gates, remote immobilisation, etc.
- SMS controlled central locking outputs
- GSM sim card required

Part No.
TSMS

ENGINE IMMOBILISERS

Remote Keyless Entry & Basic Immobiliser System



This product can be used to remote control your existing car central locking and electronic boot release. It has indicator flash outputs and includes a single engine immobilisation circuit. The RCXI can also be used for remote controlling your garage door, home alarm system, or your electric gate.

- Adds remote controlled functionality to existing key operated central locking
- Remote Code Hopping technology
- Operating range of approximately 80 metres
- 1 second (momentary) negative central locking outputs for each channel
- Electric boot release output
- Optional connection to flashing LED, engine immobilisation relay & indicators
- Ultra compact module; Dimensions(mm): 60(W) x 30(D) x 13(H)

Part No.
RCXI

Australian Standards Approved Remote Control 2 Point Engine Immobiliser



The Rhino RES Engine Immobiliser is an Australian Standards Approved System and features passive arming, all black wiring and 2 engine immobilisation circuits. It also has a negative on alarm output on door and ignition activation to allow an optional siren to be connected for basic alarm function.

- Australian standards approved: AS/ NZS 4601:1999
- 2 point engine immobilisation (onboard relays)
- Code Hopping remote technology (anti-scanning, anti-code grabbing)
- Auto immobilisation (passive arming)
- Visual arming and disarming confirmation via blinkers
- Negative pulse central locking outputs
- All black wiring harness
- Insurance approved

Part No.
RES4601V2

JAG 12 Volt Australian Standards Approved Remote Control 3 Point Engine Immobiliser



The Rhino JAG is our top-of-the-range Engine Immobiliser and it's recommended for all high theft-risk vehicles. It is approved to the latest Australian Standard and features 3 onboard engine immobilisation relays plus all black wiring. The additional option of utilising the Rhino wireless keypad means maximum protection for your vehicle.

- Australian standards approved: AS / NZS 4601:1999 / amd1 1:2003
- Insurance approved including specialist insurers
- Three point engine immobilisation (onboard relays)
- Code Hopping remote technology (anti-scanning, anti-code grabbing)
- Auto immobilisation (passive arming)
- Onboard central locking relay outputs
- Optional wireless keypad compatible
- Numerous programmable features plus upgradeable to full alarm system

24 Volt Version Available
(Model: JAG24V)

Part No.
JAGV2

SIRENS



Cabin Piezo Siren - Black

Repel an intruder from the cabin of your vehicle by installing this high frequency, super loud siren under the dash.

- Connect to the Negative on Alarm output on your alarm system
- Dimensions: 85(W) x 89(D) x 41(H)mm

Part No.
DPS



Coded Backup Battery Siren - Suits RA, JAG Only

For use with Rhino RA & JAG only as these systems utilise a special data code signal to switch the siren on and off.

- Power: 12VDC
- All black wiring
- Australian standards Approved
- Dimensions: 105(W) x 110(D) x 80(H) mm

Part No.
BBSC



Mini Coded Backup Battery Siren - Suits RA & JAG Only

For use with Rhino RA & JAG only as these systems utilise a special data code signal to switch the siren on and off.

- Power: 12VDC
- All black wiring
- Australian standards approved
- Dimensions: 55(W) x 65(D) x 72(H) mm

Part No.
MINIBBSC



Universal Siren Battery Backup - Suits GTS

Universal replacement siren for most brands of car alarm. Used in Rhino GTS Car Alarm.

- Colour wiring harness
- Negative & positive trigger inputs
- Override keyswitch
- Dimensions: 105(W) x 11(D) x 80(H) mm

Part No.
SBB



Universal Mini Backup Battery Siren - Suits GTR & RSA

Universal replacement siren for most brands of car alarm. Used in Rhino GTR & RSA Car Alarms.

- Power: 12VDC
- Used in Rhino GTR & RSA car alarm
- Negative & positive trigger inputs
- Override keyswitch
- Dimensions: 55(W) x 65(D) x 72(H) mm

Part No.
MINISBB

VEHICLE ALARM ACCESSORIES



Ultrasonic Sensors For Detecting Body Movement Inside A Hardtop Vehicle

For detecting body movement inside the cabin of a hardtop vehicle. Easy to connect to most alarms via negative output trigger wire.



- Ultra compact sensors
- Frequency: 40 kHz crystal locked
- Adjustable sensitivity
- 12V DC

Part No.
UD6



Microwave Detector For Detecting Body Movement In A Soft-Top / Convertible Vehicle

For detecting body movement inside the cabin of a soft-top / convertible vehicle. Can be hidden behind non-metallic surfaces.

Part No.
UD5



Ultra Bright Flush-Mount 5.0mm 12V DC Flashing LED Light

Ultra bright flush-mount red flashing LED light for 'alarm armed' indication.

- 12V DC
- Diameter : 5 mm

Part No.
FL5



Digital Tilt Sensor With 3 Dimensional XYZ Axis Movement Sensing Technology

Designed to help protect your wheels / detect tow away. This device detects if your car is tilted by more than a couple of degrees. Unlike mercury switches, it does not matter if your car is parked on a slope. The sensor saves in memory the angle position of your car when your alarm is armed & monitors for any changes.

Part No.
TILTSENSE2



Automatic Electric Window Lifter

Automatically closes 2 power windows when your alarm is armed (2 units required for a 4 door vehicle)

- Dimensions: 70(W) x 115(D) x 27(H) mm

Part No.
GLU400



Electric Boot Release Motor

Add convenience to your car that is not fitted with an electric (push button) type boot / hatch release.

- Compact design
- Solenoid dimensions: 70(W) x 115(D) x 27(H) mm

Part No.
DL105

NEW!



2 Stage Vehicle Impact Sensor

Designed to detect any shocks or impacts to your vehicle. The 2 stage system provides a warning alert if a light impact is detected, and outputs to the alarm if a heavy impact is registered.

- 2 stage for more accurate detection
- Prewired female plug
- Adjustable sensitivity with LED test indicator

Part No.

SHOCK2S



PIN409



PIN410



PINSW

Pinswitches

Used to detect the opening of a vehicle bonnet, boot or doors.

- Available Versions:

- Standard Pinswitch (PIN409) - 35(W) x 53(L)mm
- Right Angled Pinswitch (PIN410) - 45(W) x 60(L)mm
- Metal Pinswitch (PINSW) - 5(W) x 65(L)mm

- PIN409 and PIN410 are adjusted by cutting the pin
- PINSW is adjusted via the screw thread

Part No.

PIN409

PIN410

PINSW



Van Sliding Door Switch

For use when installing central locking on vehicles with sliding doors such as passenger & commercial vans.

- Female switch dimensions: 82(W) x 34(D) x 15(H) mm
- Male switch dimensions: 70(W) x 26(D) x 52(H) mm

Part No.

VANSW



40 Amp 5 Pin Changeover Relay

Commonly used for adding engine immobilisation circuits and connecting electric boot release motors to your system. Also used for central locking interfacing when vehicle does not have regular negative pulse inputs and your alarm / immobiliser also does not already have onboard central locking relays.

Part No.

40ARELAY

40ARELAY-24

NEW!



Differential Pressure Sensor

The differential pressure sensor detects minute or major changes in the internal pressure of a car; when the alarm is armed, the sensor uses the internal pressure as a baseline. Any changes to this pressure - like breaking a window or prying open a door - result in the sensor detecting the change and triggering the alarm.

- High and Low Frequency Tuners

Part No.

PRESSENSE



Dual Zone Microwave Detector

Can be used to give a warning to anyone coming too close to your vehicle & to trigger the alarm if there is movement inside the cabin. Can be hidden behind non-metallic surfaces.

- Compatible with most alarms
- Tri-colour test LED
- Negative trigger output wires
- Detects perimeter approach & internal movement
- Dimensions: 83(W) x 80(D) x 20(H) mm

Part No.

MDDZ

CENTRAL LOCKING KITS



Heavy Duty Central Locking Kits

Add security and convenience to your car that is not already fitted with central locking. Can be key operated or connected to any car alarm or immobiliser with central locking outputs for remote keyless entry. This high quality door central locking kit is ideal for use in both modern and older vehicles which require high torque motors for activating stiff door locking mechanisms.

Kit Includes:

- 1 x control module with negative lock / unlock pulse inputs
- 2 x 5 wire master actuator / door lock motors
- 2 x 2 wire slave actuator / door lock motors
- Full wiring harness & motor mounting hardware

* Kit Available in:

- 4 Door Locking Kit (Model No: CLKHD)
- 2 Door Locking Kit (Model No: CLKHD2D)
- 24Volt Version (Model No: CLKHD24V)

Part No.

CLKHD

CLKHD2D

CLKHD24V



Central Locking Kit - Cable Lock Adapter

Use this adapter kit for vehicles fitted with cable type lock actuators.

Part No.

CLKHDCABLE



Heavy Duty Central Locking Motor - 5 Wire

Individual Central Locking 5-Wire Master Drive Motor

Part No.

DLHD101



Heavy Duty 2-Wire Central Locking Slave Motor

Individual Heavy Duty 2-Wire Slave Central Locking Motor

Part No.

DLHD102



Have You Ever Needed To Know Where Your Vehicle Is Right Now or Where It Has Been?

With RhinoTracks™ you can affordably locate & track your own vehicle to within 20 metres*, in virtually real-time, from anywhere in the world where you have access to the Internet. Unlike most other retail tracking products, the RhinoTracks™ service allows you to track your own vehicle at any time and find out where it is and where it has been. A major advantage for fleet management applications is that no expensive hardware or software is required.

Access to the RhinoTracks™ service is based on a low-cost monthly subscription service which is paid quarterly. RhinoTracks™ subscription plans include access to the RhinoTracks™ website and your SIM data plan. Please contact your RhinoCo Distributor for pricing and service terms.

Device	Arden	Thursday, 12 November 2009 12:46:34 PM	0 km/h
Type	Heavy	Thursday, 12 November 2009 12:46:55 PM	0 km/h
Date	2009-11-12	Thursday, 12 November 2009 12:47:16 PM	0 km/h
		Thursday, 12 November 2009 12:47:36 PM	26 km/h
		Thursday, 12 November 2009 12:48:02 PM	54 km/h
		Thursday, 12 November 2009 12:48:17 PM	25 km/h

After logging into the Rhino Tracks website, you can select "View Live" or "History" to check on your vehicle. Currently, we are at "History" mode.

Google™ Maps** displays the "Streetview" of the vehicle's "current position" at the recorded time frame. "Streetview" can also be viewed full screen.

Using Google™ Maps, the data shows the vehicle's routine, position, location, speed, date and time frame.

The basic functions featured in all the GPS Trackers include:

- Support for numerous GPS applications such as vehicle location, remote monitoring, remote navigation, fleet management, anti-theft and real-time tracking.
- Provides accident and travel history records.
- Convenient, flexible, temporary Geofence setting.

* Provided your vehicle is within your selected mobile phone network carriers GSM coverage, GPS satellites are operational & the vehicle is not undercover.

** Google Earth is the trademark of Google Inc. The download and use are subject to applicable terms and conditions of Google Inc. RhinoCo Technology is in no way affiliated or associated with Google Inc. or any of its subsidiaries

VEHICLE & PERSONAL TRACKING SYSTEMS



NEW!

Personal GPS Tracking System with Voice Function

The RHINOTRACKS-PTS personal tracking system includes the standard GPS tracking functions as well as voice functionality. The unit has a built-in microphone and speaker, with the ability to program phone numbers onto the speed dial buttons (via the computer software) for more efficient communication. More advanced functions of the unit include Help and SOS report sending, as well as a Self-Geofence option. The unit is charged through a portable docking station, and a full battery will provide more than 4 days standby operation.

Part No.
RHINOTRACKS-PTS



NEW!

Standard GPS Vehicle Tracker

The RHINOTRACKS-ST5 is our standard GPS Vehicle Tracker, designed to keep you informed of where your vehicle is and where it has been. The system includes the standard GPS tracking functions, and comes with a GPRS and GPS antenna. *Suitable for 12 or 24 VDC Vehicles

Part No.
RHINOTRACKS-ST5



NEW!

Available By Special Order

Wind Powered Tracking System with built-in GPS and GSM Antenna for Trucks, Trains and Trailers

This unique wind powered GPS tracking system utilises an independent wind power generator to charge and power the unit, removing the need to connect an external power supply. This makes the product ideal for mounting on the top of a trailer, truck or container, where it is out of sight from vandals and in a prominent position to capture the wind.

Part No.
RHINOTRACKS-WPT



NEW!

Available By Special Order

Mini Tracker for Container or Covert Tracking

This compact GPS unit includes the standard GPS tracking functions and is powered by an inbuilt 3.6V Lithium battery, with a standby operation time of more than 12 days. The system has been designed to be mounted on the back doors of a truck or container. It has built-in GPS and GSM antennas and has both a motion sensor and magnetic door sensor, to easily detect the status of the container doors. The unit housing has a strong magnetic backing, which makes for simple installation and it includes a tamper switch (with trigger reporting) on the main unit for added protection against vandals.

Part No.
RHINOTRACKS-CTS



NEW!

Available By Special Order

Stand-alone GPS/GPRS/SMS Solar Panel Tracker

The NEW Solar Powered GPS Tracking System is an ideal product for use in logistics applications such as on top of a truck or container. The internal battery is charged by the large photovoltaic Solar Panel, removing the need for an external power source. The unit includes the basic GPS tracking functions, allowing you to locate your vehicle from anywhere in the world where you have an internet connection. The built-in GPS and GSM antenna remove the need for external devices, and the unit's tamper switch (with trigger reporting) provides added protection against vandals.

Part No.
RHINOTRACKS-SPT

The Next Generation Of Driving Recorder Systems

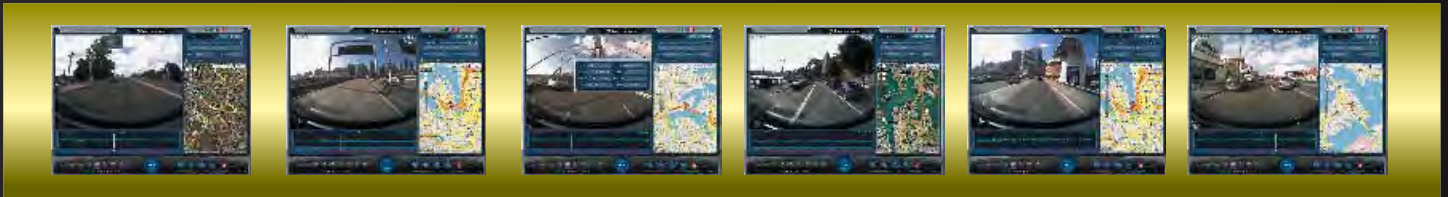
Vehicle Driving Recorder System with Inbuilt GPS Module

The X-Driven is an aesthetically-designed in-car 'Black Box' recorder, developed to help give individual drivers, and larger commuter and transport fleets, added safety, security and peace of mind. It is a high-resolution video camera with in-built microphone, GPS location data logger and G-Force shock sensor. It has been developed to easily attach to the windshield of a motor vehicle. The camera has a wide angle fisheye (150° Horizontal) lens, allowing for optimum visibility across the frontal sides of the vehicle for maximum coverage in case of an unexpected accident. The in-built adjustable shock sensor assists the unit in determining whether the vehicle has been involved in an accident; the pre and post event recording footage is taken to provide thorough coverage of the incident, making it easy for employers or individuals to lodge insurance claims or provide evidence.

User Friendly Software and GUI:

The unit is provided with a 2GB SD Memory card, to not only enable you to begin recording straight out of the box, but to also allow you to install the Footage Viewing Software on your PC. The software is easy to use and very intuitive, allowing you to adjust the various camera settings (such as recording resolution and sensitivity of the shock sensor) to ensure that the system meets your individual requirements.

- Integration with Google Maps™ displays accurate location of vehicle during events, as well as associated GPS data (location, direction, speed)
- Easy to install viewing software allows you to browse and preview the recorded files
- G-Force Shock Sensor Graph shows the degree of impact in three directions (X, Y, Z)



Main Product Features:

GPS Data:

The in-built GPS Module stores the location, speed, direction and all relevant GPS co-ordinates, simultaneously combining the collected data with the captured video, recorded audio and G-Force measurements to produce segmented files stored on the compact SD Card.

Manual Image Storage:

Even without physical impact to a vehicle from an accident, the device will record and save images when the driver manually activates the Emergency button.

Vehicle Operation Information Storage:

The device records and stores certain vehicle motions including sudden acceleration, braking and sharp cornering, as well as back and forth, left and right, up and down vibrations.

Accident Data Replay:

When replaying the accident data on a PC, the software also simultaneously plays the GPS information and vehicle operation information.

Imaging Sensor:

The 1.3 Mega-Pixel CMOS Image Sensor produces high quality images allowing clear identification of the number plate of another motor vehicle in front, up to a full car length, along with all general road signs ahead. The recording resolutions can be adjusted from 320 x 240 (Up to 30FPS) to 640 x 480 (Up to 30FPS) to 1280 x 960 (Up to 5FPS) depending on the user's requirements.

Accident Image Storage:

When an accident occurs, the unit automatically detects the impact through the G-Force shock sensor and records and saves images before and after the incident.

Location Information Storage:

The device records and stores detailed GPS information including the location, time & date, and speed of the accident or event.

Recording:

Single Mode: Recording by shock sensor & emergency button only
Multi-Mode: Auto recording when power on and shock sensor

Camera	1.3MP CMOS Digital Image Sensor	Data Storage	SD Memory Card, Max. Capacity 16GB
Recording Resolution	320 x 240/640 x 480 (Max. 30FPS), 1280 x 960 (Max. 5FPS)	Audio	Internal Microphone (On/Off via software)
Lens	Fisheye D-Mount Lens, 150° Viewing Angle	Emergency	Emergency button for manual activation
GPS	Internal (SiRFIII) Module	Dimensions/Weight	130(H) x 50(W) x 16(D)mm / 110g
G-Force Sensor	Internal 3D G-Force sensor, tri-axis (X,Y,Z)	Power/Consumption	DC12V~24V / 2 Watts

Part No.

MDVR-XD

The Next Generation Of Driving Recorder Systems



Forward Facing View



Internal Driver View

Vehicle and Driver In-Car Recorder System with inbuilt GPS Module

The MDVR-TAXI provides an ideal video surveillance solution for recording driver/passenger behaviour as well as monitoring the driver's general road view. The next stage of in-car GPS video recording systems. The system utilises two video cameras with audio recording, providing you with accurate video evidence in the event of a driver/passenger incident or accident.

The unit includes a bracket to mount the unit to the windshield of the vehicle, out of the driver's field of view. The built-in GPS module provides not only the location of the vehicle, but also the time of the event and the speed of the vehicle. This makes the product ideal not only for assisting in monitoring road emergencies, but for other applications such as tracking that deliveries are being made and that drivers are performing in a safe manner.

The two internal 1/4" CMOS cameras capture clear images when the car is driving or stationary (when power is supplied). Simply remove the SD memory card from the unit and connect to your Windows™ PC for viewing using the Smart Viewer Software.

Main Product Features

Dual Cameras:

Unlike other in-car recorders which may only monitor the road, the MDVR-TAXI utilises two CMOS cameras to monitor both the front and the inside of the vehicle, whilst the simultaneous high quality Audio Recording ensures that you get the most accurate footage of any events which may occur. The dual cameras allow you to gain accurate evidence in the event that the car is in an accident, but also allow you to monitor whether drivers are acting in a safe manner.

Image Recording:

When an accident occurs, the unit will automatically detect the impact through the Triaxial G-Force shock sensor and begins recording. Each recording session lasts for 20 seconds (10pre-event, 10 post event).

Event Information Storage:

All recorded footage can be backed up from the device onto an SD memory card (maximum capacity 32GB) to enable viewing of the footage through the PC Smart Viewer.

GPS Data:

The in-built GPS Module monitors and records the vehicle location, speed and time of any events which may occur. The recorded GPS Data is overlain on the footage when viewed in the Smart Viewer, providing you with all the necessary information every time you access the footage.

Image Quality:

Each of the CMOS cameras records at 15FPS at a resolution of 640 x 480 (VGA), allowing it to provide the best images when playing or searching footage.

Smart Viewer Software:

The Smart Viewer PC Software allows you to review all recorded footage. The software has a user accessible interface and multiple intelligent functions which assist you in finding the footage you require. These functions include Zooming, Searching, Printing, Data Backup, Security, Management, Frame by Frame searching in detail and GPS data overlay to show vehicle location and direction during the footage.

Camera	1.4" CMOS Digital Image Sensor	Data Storage	SD Memory Card, Max. Capacity 32GB
Recording Resolution	640 x 480 (VGA). Each camera operates at 15FPS	Audio	16 Bit PCM (8 Kbps)
Lens Angle	120° (Front), 170° (Indoor)	Emergency	Emergency button for manual activation
GPS Module	Internal (SiRFIII) Chipset	Dimensions/Weight	100(H) x 60(W) x 30(D)mm / 100g
G-Force Sensor	Triaxis Digital Acceleration Sensor	Power/Consumption	DC12V~24V Input/ 5V Output
Smart Viewer Functions	Zoom, Search, Print, Data Backup, Security, Management	Recording Time	20 Secs (10 secs Pre-event/10 secs post-event)

Part No.

MDVR-TAXI

MOBILE DIGITAL VIDEO RECORDERS



* Hard Drive Not Included

4 Channel Mobile Digital Video Recorder with GPS Receiver

The NEW Rhino 4 Channel Vehicle Mobile Digital Recorder with GPS Receiving Unit is the ideal product for a number of applications, including:

- ▪ Monitoring driver behaviour
- ▪ Proving deliveries have been made
- ▪ Providing video evidence in the event of an accident.
- ▪ GPS Vehicle Tracking

The unit includes an A/V Input loom to allow you to connect up to 4 cameras to the device (For recording views such as front view, rear view, driver view, passenger/cargo view). The recorded footage is stored on the removable 2.5" Hard Drive, and can be backed up via USB.

The functionality of the unit can be increased through the use of optional accessories, such as a Driver Action Detecting Box (To provide notifications when turn signals are used, when brakes are applied, when doors are opened and other similar functions)



* Monitor Not Included

Part No.
MDVR-GPSV2



MDVR-GPS Shock-resistant Security Housing

- 8 Internal Rubber Shocks
- Lockable Flip-down Doors
- Rear Exhaust Fan

Part No.
MDVR-GPS-HOUSING



MDVR-GPS External Signal Box

Provides system information on the MDVR-GPS, including power, record, alarm and GPS fix status. An emergency panic switch is also provided. Useful when the MDVR-GPS unit has been installed out of reach from users.

Part No.
MDVR-GPS-SIGBOX



MDVR-GPS Wireless LAN Server

Allows streaming of camera footage over a wireless ethernet network. Unit contains RCA video and audio connections as well as dual wireless antennas.

Part No.
MDVR-GPS-WLAN



MDVR-GPS LAN Server

Allows streaming of camera footage over an ethernet network. Unit contains RCA video and audio connections as well as a RJ45 socket.

Part No.
MDVR-GPS-LAN



MDVR-GPS 2.5" Hard Drive Tray

Spare hard drive tray for MDVR-GPS.

Part No.
MDVR-GPS-HDDTRAY



MDVR-GPS USB Hard Drive Dock

USB Hard Drive Dock for MDVR-GPS. Allows users to directly connect their hard drive(s) to a computer for playback and archiving.

Part No.
MDVR-GPS-USBDOCK

“WATCHOUT!!”

FOR UNSEEN OBSTACLES!

Help see what's behind you in your
BLIND SPOTS when reversing



VEHICLE REVERSING KITS

VEHICLE PARKING SENSORS



Rearview Mirror with 4.3” TFT-LCD Inbuilt Monitor & Number Plate Camera Kit

This kit contains all you need to enable safe reversing with confidence, virtually eliminating blind spots. The Monitor/Mirror simply fastens over your vehicles existing rear view mirror and the camera is mounted above your Number plate. When reverse gear is selected, a colour video image is instantly displayed on the in-built 4.3” TFT LCD screen.

- Video display turns on automatically while reversing
- Inbuilt 4.3” colour TFT-LCD screen
- Monitor resolution: 480x 234 pixels
- Anti-glare blue glass mirror
- Secondary video input available
- Power: 12VDC (10W maximum power consumption)

Camera:

- 8 x infrared LED's offer enhanced night time operation
- Easily mounts above your number plate
- 110Deg. horizontal viewing angle
- Power 12VDC 200mA

Part No.

VSDS-RVM4.3



4 Channel Reversing Sensor Kit with ‘Audible Alert’

This device is designed to aid drivers by detecting physical objects when reversing or parking. When reversing, the advanced ultrasonic sensors will detect obstacles within 1.5 metres from the rear of your vehicle.

- Detection Range - 0.2 ~ 1.5m
- 4 x Ultrasonic Sensors - 40KHz
- Digital Control Box
- Speaker for audible alert
- 12 Volt DC - 20~200mA

Part No.

REVERSE4B

WARNING: Both reversing cameras and parking sensors are designed only as an aid to drivers. They should never be considered as a substitute for normal driver responsibility. Proper driving technique and use of mirrors whilst reversing should always be observed by the driver.

VEHICLE CAMERAS



Flush Mounted Bumper Camera with Infrared LEDs

This Reversing Camera simply mounts directly into your vehicle's rear bumper and once connected to one of Rhino's In-Vehicle LCD Monitors will display a clear colour image.

- 10 x infrared LEDs offer enhanced night time operation
- Easily mounts directly into the rear bumper of your vehicle
- 90Deg. horizontal viewing angle
- Compatible with Rhino's full range of in-vehicle LCD display monitors or any other LCD display
- Power 12VDC >=200mA

Part No.
VSDS-BUMPCAM



Number Plate Mounted Colour Reversing Camera with Infrared LEDs

This Reversing Camera simply mounts above your number plate and once connected to one of Rhino's In-Vehicle LCD Monitors will display a clear colour image.

- 8 x infrared LEDs offer enhanced night time operation
- Easily mounts above your number plate
- Camera can be tilted up and down to provide the best view
- 110° Horizontal Viewing Angle
- Compatible with Rhino's full range of in-vehicle LCD display monitors or any other LCD Display
- Power 12VDC >=200mA

Part No.
VSDS-NPCAMKIT



Ultra Small Wing Mount Reversing Camera

Ultra compact camera for mounting inside / outside the vehicle - such as above your number plate

- 130° Horizontal Viewing Angle
- Dimensions: 24 (L) x 19 (Dia.) mm

Part No.
VSMT-MINICAM



10m Video & Audio Cable for Truck Camera

This is a 10m RCA (Video and Mono Audio) cable for the VSMT-Truck Cam.

Part No.
VSRVM-CBL10



Truck Reversing Camera With Infrared LEDs & Microphone

Suitable for mounting inside rear windscreen (eg.4WD) or externally on a truck or van body.

Infrared LEDs offer enhanced night time operation.

- 1/4" SHARP image sensor
- 420 TVL horizontal resolution
- 500(H) x 582(V) pixels
- Up to 30M IR range
- Effective illumination = 0.000Lux/F1.2(LED on)
- Fixed 2.8mm lens
- 120 Deg. view angle

Part No.
VSMT-TRUCKCAM

Please check our website for the latest product release!

The screenshot shows the RhinoCo Technology website. At the top, it says 'RhinoCo Technology Electronic Security & Communication'. Below that is a login section with fields for 'Email' and 'Password'. A 'Product Range' section lists various categories like 'Home and Business Alarm', 'Fence-Circling', 'Emergency Products', and 'Car Alarms'. A large banner for 'exacqvision Pro True Hybrid Network DVR' is featured, with the tagline 'seamlessly mix any combination of Analog / IP / IP Megapixel Cameras'. Below the banner are icons for 'CCTV Surveillance Products', 'Vehicle Security & Safety', and 'Home and Business Alarms'.

WARNING: Both reversing cameras and parking sensors are designed only as an aid to drivers. They should never be considered as a substitute for normal driver responsibility. Proper driving technique and use of mirrors whilst reversing should always be observed by the driver.



Power Supplies, Cables, Connectors & Accessories



BATTERIES & POWER SUPPLIES

Batteries	96
AC / DC Power Supplies	96
CCTV Power Supplies	97
Uninterruptible Power Supplies	100



CABLE, TOOLS, LEADS & CONNECTORS

Cables	100
Tools	101
Leads & Connectors	101



BALUNS & VIDEO PROTECTION EQUIPMENTS

Baluns	103
Video Protection Equipment	104



REMOTE CONTROL & ACCESSORIES

Remote Controls	105
Remote Control Frequency Counter	106
Alarm Padlock	106
Dynamo Torch	106

BATTERIES



CR2450 3V Lithium Battery - Suits PIRW3, WREEDI

Suits:
- PIRW3
- WREEDI

Part No.
CR2450BULK



3V Lithium Battery - Suits RCTX3-T

Suits:
- RCTX3-T

Part No.
CR2025BP



CR2032 3V Lithium Battery

Suits:
- Suits many general purpose remote controls

Part No.
CR2032BP



3V Lithium Battery - Suits GT, GTR, GTS, GTTX, GTSTX, GTRTX, RCTX4-U

Suits:
- GTTX / GTSTX / GTRTX / RCTX4-U

Part No.
CR1616BP



Remote Control Battery - 12V, Type 23A - Suits PTX, GLTX

Suits:
- PTX
- GLTX

Part No.
TX12V

12V DC Sealed Lead Acid Batteries



- 12VDC
- Maintenance free sealed lead acid battery
- Non-spillable construction design
- High quality and high reliability
- Low self discharge characteristic
- Power failure backup battery

Available in 1.2AH and 7AH versions

Part No.
D12V1.2
D12V7



12V 350mA Fully Automatic Sealed Lead Acid Battery Charger

Part No.
PSLEADCHRG

AC / DC POWER SUPPLIES



Switchmode Power Supplies

Available in:
- 5 Volt DC 1 Amp
- 5 Volt DC 500mA
- 12 Volt DC 500mA

Part No.
PS5VDC500MA
PS5VDC1AMP
PS12VDC500MA



Low Voltage AC Plugpack 16V AC 1.5 Amp

- Input - 230-240V AC / 50Hz
- Output - 16V AC / 1.5 Amp
- Lead - 1.8m
- Termination - Bare ends

Part No.
PS16VAC



Power Supply for Commax Video Intercoms

18V DC Power Supply for Commax Video Intercoms

Part No.
PS18VDC



19V 2Amp Power Supply for Watchguard DVR4CHSOV5H264

19VDC power supply for use with the Watchguard DVR4CHSOV5H264.

Part No.
PS19V2A



Switch Mode AC Adaptor 12V DC, 1.5 Amp

- Input - 100-240V AC / 50Hz
- Output - 12V DC / 1.5 Amp
- Lead - 1.8m
- Termination - DC plug

Part No.
PS1500SM



Low Voltage AC Adaptor 24V AC 2.0 Amp

- Input - 240V AC / 50Hz
- Output - 24V AC / 2.0 Amp
- Input lead - 1.8m
- Output lead - 1.8m
- Termination - Bare ends

Part No.
PS24VAC2AMP



Switch Mode Power Supply 12V DC, 5 Amp

- Input 100-240V AC / 50Hz
- Output 12V DC / 5.0 Amp
- Input lead 1.5m
- Output lead 1.8m
- DC Plug Termination

Part No.
PS5000SM

MULTIPLE OUTPUT CCTV POWER SUPPLIES WITH THERMAL SHUTDOWN OVERLOAD & SHORT CIRCUIT PROTECTION

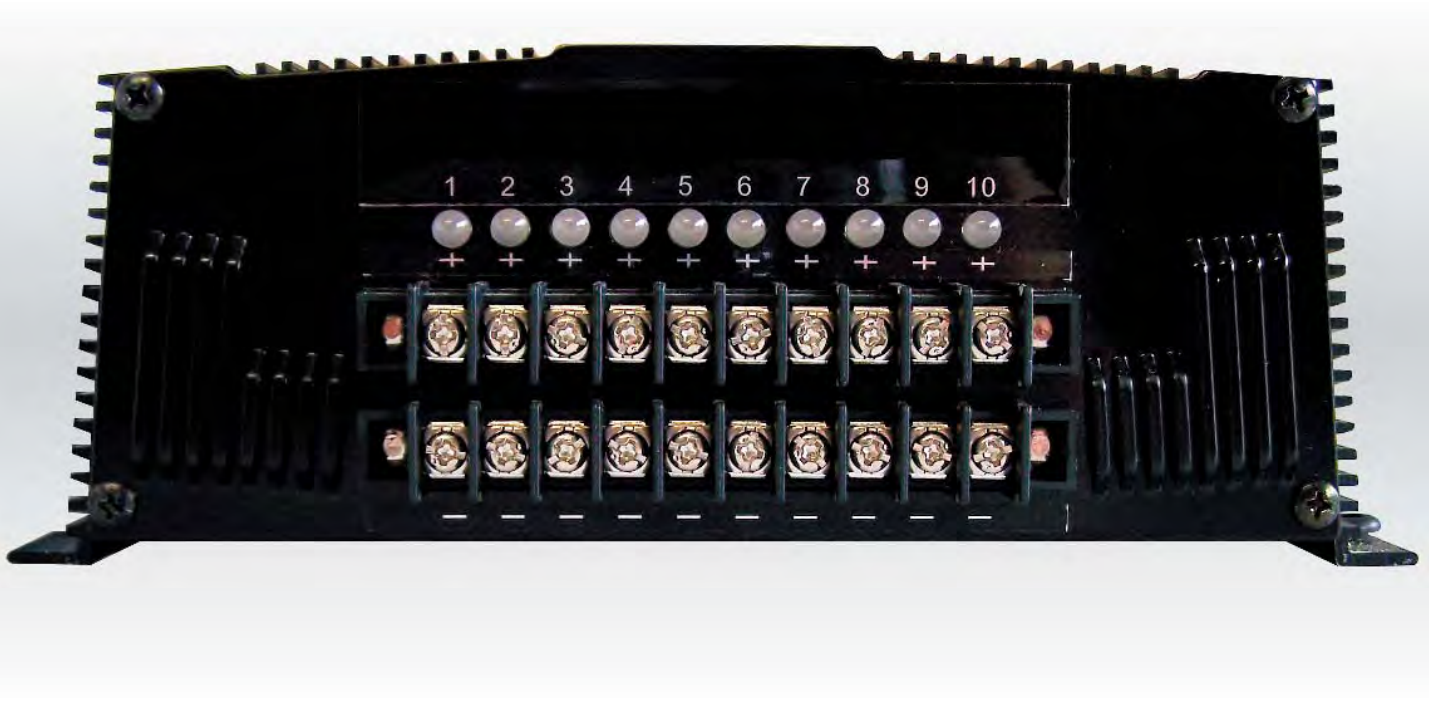
Introducing **THE POWER OF "ROME"** latest range of high quality multiple output CCTV power supplies which have been designed specifically for use in the security industry. They feature thermal shutdown, overload and short circuit protection providing you with peace of mind on your installations. They are available with output voltages of 12V DC & 24V AC and utilise switch mode technology to enable efficient operation and compact design. Each unit is also fitted with individual power status LED's to provide instant visual evaluation of system operation.



12VDC 5Amp 10 Output CCTV Power Supply

- 10 individual outputs 12V DC at 0.35A (0.75A) max each
- Accepts universal inputs of 100-240V 50/60Hz
- Output Power: 5A Max 60W
- 4 LED status indicators for checking and diagnosing each channel
- Green = Power ON
- Red = In Loading
- Dim = In Over Loading
- Off = Power Off or Thermal Shutdown
- Auto reset thermal protection for each channel against output overload and or short circuits
- Max. Current limited with auto fold back function
- Efficient compact design

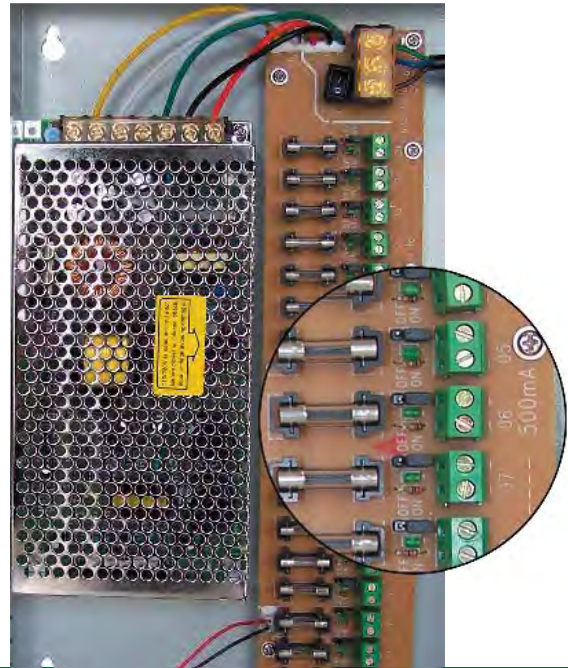
Product Close-up



Part No.
PS12V5A10CH



Product Close-up



12VDC 9Amp 18 Output CCTV Power Supply

- Outputs can be connected parallel for connecting cameras with >500mA draw
- Not suitable for use outdoors
- Efficient compact design
- 18 individual 500mA fused outputs
- Lockable metal housing
- Output Power: 145W
- Input Voltage: 240V AC
- Output Current: 18 x 500mA fused outputs (9Amp Continuous-10Amp Peak)
- Dimensions(mm): 312(H) x 205(W) x 50(D)

Part No.

PS12V10A18CH



12VDC 8Amp 20 Output CCTV Power Supply

- 20 individual outputs 12V DC at 0.4A (0.75A) max each
- Accepts universal inputs of 100-240V 50/60Hz
- Output Power: 8A Max 96W
- 4 LED status indicators for checking and diagnosing each channel
- Green = Power ON
- Red = In Loading
- Dim = In Over Loading
- Off = Power Off or Thermal Shutdown
- Auto reset thermal protection for each channel against output overload and or short circuits
- Max. Current limited with auto fold back function
- Efficient compact design

Product Close-up

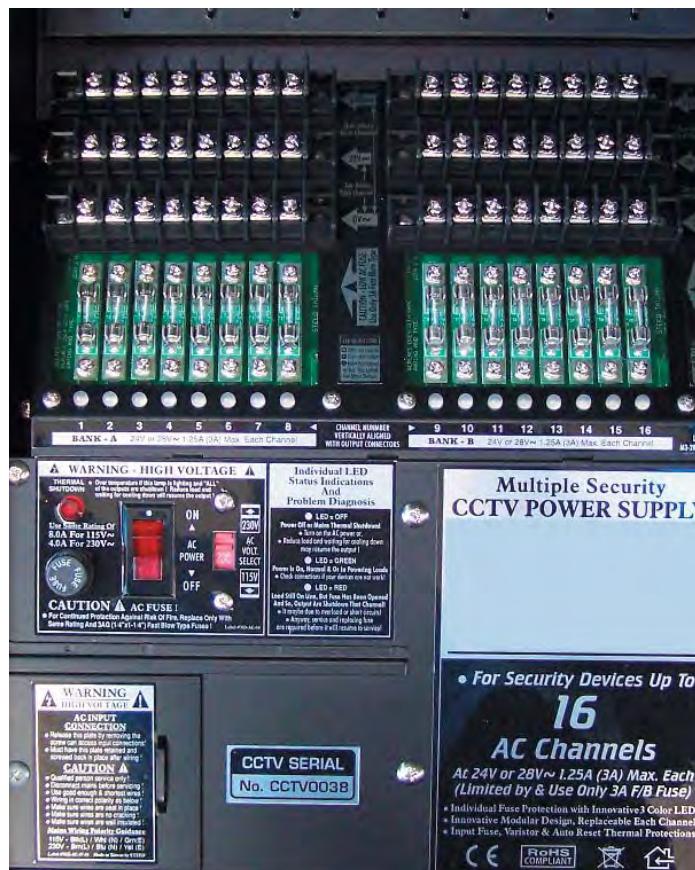


Part No.

PS12V8A20CH



Product Close-up



24V AC 20Amp 16 Output CCTV Power Supply

- 16 individual outputs 24V AC at 1.25A (3.0A) max each
- Lockable metal housing
- Accepts universal inputs of 100-240V 50/60Hz
- Output Power: 20A Max 560VA
- 4 LED status indicators for checking and diagnosing each channel
- Green = Power ON
- Red = In Loading
- Dim = In Over Loading
- Off = Power Off or Thermal Shutdown
- Auto reset thermal protection for each channel against output overload and or short circuits
- Max. Current limited with auto fold back function
- Efficient compact design

Part No.

PS24V20A16CH

24VAC 32Amp 32 Output CCTV Power Supply

- 32 individual outputs 24V AC at 1000mA (2.0Amps) max each
- Accepts universal inputs of 100-240V 50/60Hz
- Output Power: 32A Max 896VA
- Standard 19" Rack Mount Case
- Individual LED indicator each channel
- Individual fuse protection for each channel against output overload and or short circuits
- Thermal fuse fitted in the transformer
- Varistor installed minimizing risks of damage from lightning
- Auto reset thermostat fitted against overheating
- Efficient compact design

Product Close-up



Part No.

PS24V32A32CH

UNINTERRUPTIBLE POWER SUPPLIES



PRO Series Tower UPS

Suitable for standalone DVRs, Workstations and Printers.

- Wide input voltage window
- Boost and buck AVR
- Compatible with generators
- Provides LED and audible alarm function
- Surge protection
- Protection for short circuit and battery low voltage
- Automatic diagnostic on startup

Part No.

UPS600VA
UPS1000VA
UPS1400VA
UPS2200VA



Uninterruptible Power Supply - 700W

UPS1000VAXC - 700W



- Same unit can be used as tower or rack mount

- Hot swappable battery
- Selectable input/output voltage
- RS232 and USB communication
- Built in voltage stabiliser

UPS2000VAXC - 1340W



- Line interactive
- True sine wave output
- Simple control and compact design
- SNMP compatible allowing web control and monitoring
- Generator compatible

UPS3000VAXC - 2100W

Part No.

UPS1000VAXC
UPS2000VAXC
UPS3000VAXC
UPS1000VAXCRM
UPS2000VAXCRM
UPS3000VAXCRM

CABLES



Figure 8 Cable 14 x 0.2mm / 100m Roll

Part No.

DF8C



Figure 8 Cable 24 x 0.2mm / 100m Roll

Part No.

DF8C2



4 Core Cable 4 x 7/0.20mm Stranded 100m Roll

Part No.

D4CC2



6 Core Alarm Cable 6 x 7/0.2mm Stranded 100m Roll

Part No.

D6CC



Full Copper RG59 75Ohm Coax Cable 100m/R

Part No.

DCOAXFC



NEW!

100m Roll Combined Coax/ Power Cable - Black 95% Braiding

- Combined coax/power cable
- 100% copper conductor
- 95% copper braiding
- Fig 8 - (2 x 24/0.2mm Stranded)
- RG59 75 Ohm
- 100m Roll

*Also available in white (DCOAXPWR24FCWP)

Part No.

DCOAXPWR24FCBP
DCOAXPWR24FCWP



100m Roll Combined Coax/ Power Cable - Black 65% Braiding

- Combined coax/power cable
- 100% copper conductor
- 65% copper braiding
- Fig 8 - (2 x 24/0.2mm Stranded)
- RG59 75 Ohm
- 100m Roll

Part No.

DCOAXPWR24FCB



100m Roll Combined Coax/ Power Cable - White 65% Braiding

- Combined coax/power cable
- 100% copper conductor
- 65% copper braiding
- Fig 8 - (2 x 24/0.2mm Stranded)
- RG59 75 Ohm
- 100m Roll

Part No.

DCOAXPWR24FCW

TOOLS



Coaxial Cable Stripping Tool

- Coaxial cable stripper which suits RG58/59/6 cable
- Fitted with 3 blades to suit 4 cable diameters
- This 3 position stripper will strip cable revealing braid, dielectric and centre conductor

Part No.
VSA18

NEW!



7.6 inch Professional Compression Tool

- Adjustable and changeable for waterproof connectors.
- Suitable for F/RCA/BNC RG-59, 6 (4C,5C) waterproof connectors.

Part No.
VSCOMPTOOL



Cable Tester - Tone Generator & Probe

- Features (Probe):
- Sound or illumination and vocal-light indicating for choice.
 - Volume adjusts.
 - Low voltage warning.
- Features(Tone Generator):
- Choose switch of multiple frequency signal and single signal.
 - Syllogistic remote switch applies for control operation mode.
 - Three color pilot light, display circuit polarity,continuity and testing voltage.
 - Red and black test cartridge,standard four wires plug.
 - Fine molding,expedient operation.

Part No.
VSCABLETESTER



Coaxial Connector Cable Crimping Tool with 5 Jaws

- Designed to crimp BNC/TNC connectors to RG58C/U and RG62 coaxial cable as well as the centre pin to the centre conductor
- Insulated handle and tension 6 position adjustment
- Hex sizes: 1.7, 2.5, 5.4, 6.5, 8.2mm

Part No.
TSA50



NEW!

5-in-1 Multi Purpose 12VDC Tester

Although compact in size, this 5-in-1 Multi Purpose 12VDC Tester is an essential product for installers who need to perform troubleshooting tests while installing CCTV surveillance systems. The five tests which the unit can perform are:

1. Voltage Test
2. Load Test
3. Voltage Drop Test
4. PTC Fuse Test
5. Polarity

Part No.
VSVOLTTESTER



Professional Cabling Tool Kit in Sturdy Carry Case

This compact kit has been designed to include the required tools for any cabling installation. It includes:

- 1 x Cable Tester.
- 1 x Crimping Tool for 6P/8P Plugs w/Ratchet.
- 1 x Crimping Tool for Coax 58,59,62,6 w/ Ratchet.
- 1 x UTP/STP Stripper.
- 1 x Coaxial Cable Stripper.
- Hard Plastic Tool Box - 309 x 185mm

Part No.
VSTOOLKIT

LEADS & CONNECTORS



BNC / RCA Adaptors

- BNC to RCA adaptor
- RCA to BNC adaptor

Part No.
VSFB2R
VSFR2B



BNC / 'T' Connector

- BNC - T Connector

Part No.
VSFBTA



NEW!

BNC Connectors

- BNC (Standard compression type)
- Available Models:
- VSFBNC (For RG59U 750 Ohm Coax Cable)
 - VSFBNC3 (With Separate Pin. For RG59 Coax Cable)

Part No.
VSFBNC
VSFBNC3



NEW!

High Quality Compression BNC Plug

- For RG6 Cable

Part No.
VSFBNC6



NEW!

High Quality Compression BNC Plug

- For RG59 Cable

Part No.
VSFBNC59



Inline BNC Connector, Socket to Socket

- BNC Socket to BNC Socket

Part No.
VSFB2B



Twist BNC Connector

- Installer can fix this BNC plug by hand
- More reliable than crimp style

Part No.
VSFBNCTWIST



Connector Strip with Screw Terminals for Distributing Power to Cameras

- One Input
- 8 Outputs
- Polarity Markings

Part No.
VSTBB

RCA Line Plugs



RCA Line Plug Male - Red

Model: VSFRLPR



RCA Line Plug Male - Black

Model: VSFRLPB



RCA Line Plug Male - Yellow

Model: VSFRLPY



RCA Line Socket Female - Red

Model: VSFRLSR

Part No.
VSFRLPR
VSFRLPB
VSFRLPY
VSFRLSR



5-Way Power Splitter

- One DC Power Jack Input
- Five DC Power Jack Outputs

Part No.
DC4CHLOOM



Pre-terminated Combined Power & BNC Video Leads

Pre-terminated cables with no crimping required. Your plug & play solution!

- Please note: The above power / video leads are not suitable for cameras which draw more than 1 Amp of current

Part No.
RCA4CHLOOM10M
RCA4CHLOOM20M
RCA4CHLOOM30M



DC Power Connector Plug

Model: VSFDCP



DC Power Connector Socket

Model: VSFDCPF2.1

Part No.
VSFDCP
VSFDCPF2.1



RCA Extension Leads (3 x RCA to 3 x RCA)

Part No.	Length
RCA315	(1.5m)
RCA330	(3.0m)



Low Voltage Battery Cut-Off

This Low Voltage Battery Cut-Off connects to your 12 or 24VDC power supply or alarm panel and prevents the complete discharge of the backup batteries. The product has an adjustable voltage knob, allowing you to calibrate the voltage cut-off range to suit your requirements, and the Master On/Off switch easily turns On/Off both AC and DC power to the control panel or power supply.

Part No.
VSPOWCUTOFF



Power Converter - Max 36VAC/DC convert to 12VDC Adaptor

- Max 36V AC/DC converted into 12VDC with power adapter connector.
- 1 Amp max. Regulator

Part No.
VSPOWCONVERTER



Replacement 16ch BNC Lead for Platinum Card

This is a replacement 16 Channel BNC lead for Platinum cards.

Part No.
OCTOBNCP



DC Power Plug to Screw Terminal

- DC Plug Dimensions: 5.5 mm Outer Diameter, 2.1mm Inner Diameter.

Part No.

VSDCCABLE

BALUNS



1 Channel Twisted Pair to BNC Video Balun with Power

This device reduces the cost of cabling and eliminates the need for video amplifiers. By utilising UTP (Unshielded Twisted Pair) cable you can transmit all composite video signal sources (bandwidth DC-6MHz) or audio sources (bandwidth 0-15KHz) up to 300 metres away.

Must be used with VSBALCAT54S

Part No.

VSBALCAT54



Female Socket Twisted Pair to BNC Baluns

This device reduces the cost of cabling and eliminates the need for video amplifiers. By utilising UTP (Unshielded Twisted Pair) cable you can transmit all composite video signal sources (bandwidth DC-6MHz) or audio sources (bandwidth 0-15KHz) up to 300 metres away.

Must be used with VSBALCAT54

Part No.

VSBALCAT54S



BNC Female to RJ45 Jack Shielded

This 4 channel video balun TX/RX can connect up to 4 video cameras to a single CAT 5 cable. This is ideal for use in areas where large amounts of cables are required as CAT 5 cable is significantly cheaper than the more traditional coaxial cable. Compatible UTP cables include CAT-5, CAT-6, CAT-7; compatible coaxial cable includes RG-59 and RG-6.

Part No.

VSQC-3427



Quad Video Balun BNC Female Bulkhead Panel Mount

BNC Female to RJ45 Jack Shielded CCTV Balun Quad - Rack Mountable

- Features as per VSQC-3427

Part No.

VSQC-3427RM



Quad Passive Video Balun - RJ45 Jack to 4 BNC Female Connectors

- For both camera side and monitor side.
- Camera/Monitor Connectors: 4 BNC Female.
- Wire Connector: RJ45 Jack.
- Wire required: CAT5, or better.
- Frequency response: DC to 6.5 MHz
- Attenuation: 75 ohm to 100 ohm about 0.4dB
- Impedance: Coax/75 ohm, UTP cable/100 ohm.
- Coaxial Cable: unbalanced, 75 ohm.
- UTP C5: balanced, 24 AWG, 100 ohm.

Part No.

VSQUADBALUN



1 Channel Active Balun, Camera Side

- 1 Channel Active Camera Side Video Balun.
- 12VDC 50mA
- Connector for camera: BNC Male, BNC Female, F Male, F Female, 20cm BNC Male Cable
- Screw Terminal Wire Connector

Part No.

VSBALACTIVE



Single Passive Video/Power/Data Balun

- Video, power and data.
- RJ45 Jack.
- Video: BNC male pigtail.
- Power: DC male and female pigtail.
- Data: 2 wires.

Part No.

VSBALCATPAIR



*Balun Not Included

19" 1RU Quad Video Balun Panel (Unloaded) with Designation Strip

CCTV Quad Balun Blank Panel Accessory with Designation Strip
This 16 port rack panel is used in conjunction with the VSQC-3427RM to create a professional rack mount solution.

Part No.

VSQC-3427RMP



1 Channel Video/Audio Balun

This 1 channel balun TR/TX not only has a BNC socket, but it also comes with 2 RCA sockets for audio transmission support. This device converts video camera cabling and increases transmission distance by converting the signal from coaxial to CAT 5 Cable.

Part No.

VSQC-3424

VIDEO SURVEILLANCE PROTECTION EQUIPMENT



At Last...

Real Protection For All Your Video Surveillance Equipment...

Did you know that it is common for video surveillance equipment such as DVR's, cameras, PTZ controllers, multiplexers & any other devices connected by coaxial cable, CAT5 or Fig 8, to be susceptible to damage caused by lightning strikes, power surges, and earth loops?

These Surge Protectors & Filters protect your surveillance equipment by passing the hazardous voltages to ground and filtering out noise with total galvanic isolation which eliminates earth loops and hum bars.



UTP Data Surge Protection - Terminal Block Simple 'in-out' Surge Protection for PTZ Controllers or Data Wires

- Surge protection attack time: 100ns
- Maximum surge current: 5000A
- Dimensions: 45 X 25 X 25mm
- Weight: 74g

Part No.
VSSPU



Coaxial Surge Protection - BNC Connector Simple 'in-out' Surge Protection for CCTV Cameras

- Surge protection attack time: 100ns
- Maximum surge current: 5000A
- Dimensions: 78mm X 25mm X 25mm
- Weight: 80g

Part No.
VSSPB



UTP Video & Data Surge Protection - RJ45 Connectors Simple 'in-out' Surge Protection for IP Cameras & Network Devices

- Surge protection attack time: 100ns
- Maximum surge current: 50,000A
- Dimensions: 32mm X 45mm X 72mm
- Weight: 105g

Part No.
VSSPR



Ground Loop Isolator

- 75 ohm BNC Male to 75 ohm BNC Female
- Transient Voltage Suppressor: 12 Volts rms
- BNC Male with 100 mm miniature coaxial cable input and BNC Female output
- Isolation Voltage: 750 Volts DC
- Insulation Resistance: >100 M ohm
- Dimension: 50 x 30 x 25 mm

Part No.
VSVSI

REMOTES & FREQUENCY COUNTER



Single Button Remote Control, available in Fixed and Rolling Code

- GLTX - Fixed Code
- The GLTX is used for the Rhino LS and GA car alarms
- GLRLTX - Rolling Code

Part No.

GLTX
GLRLTX



2 Button Remote Controls - Suits RCX, RES4601V2, WGUARDSMS2010

Yellow LED: Code Hopping, suits Rhino RCX and RES4601V2 immobilisers, WGUARDSMS2010

Red LED: Code Hopping, suits Rhino GTS Car Alarm

Green LED: Fixed code suits Rhino GTR Car Alarm

Part No.

GTTX
GTSTX
GTRTX



3 Button Code Hopping Remote with LED Torch Function - Suits JAG, RA & RAM

- 3 button remote With LED torch
- As supplied With Rhino JAGV2, RAV3 & RAMV2 Car Alarm
- Also compatible with Rhino RCX, RES4601V2, WGSMS2010

Part No.

RCTX3-T



4 Button Code Hopping Remote Control for RAV3

- As supplied with the Rhino RA (V3) and Jag (V3) car alarm
- Also compatible with Rhino RCX, RES (4601V2) and WGSMS2010

Part No.

RAV3TX



4 Button Code Hopping Remote - As supplied with Rhino RXPROR4

- As supplied with Rhino RXPROR4. Optional use with Rhino RCX, RES, JAG, RAM, WGSMS2010
- Colour coded buttons with printed numbers to match GTTX / RCTX3-T i.e button 1 on Your RCTX4-U is the same function as button 1 on your GTTX remote

Part No.

RCTX4-U



For your old Car Alarm, Home Alarm, Garage Door or Electric Gate.

UHF Learning Programmable 4 Button Replacement Remote

The Rhino PTX Remote Control can duplicate a majority of fixed code remote controls (not code hopping remotes). Fixed code means that each time the remote control is pressed, the same code is transmitted each time. The PTX remote has four buttons so that it will universally suit most remotes i.e. some remotes have just one button for arming / disarming, where others may have separate buttons for multiple functions. The same code can be copied onto multiple buttons if desired. If your original remote has a function controlled by pressing multiple buttons together, you must duplicate that code to a single button on your Rhino PTX.



- 4 channel programmable remote control
- Many uses including car alarms, home alarms, panic buttons, garage doors...
- Copies most radio frequency fixed code remote controls
- Learns in seconds
- 255-500 MHz adjustable frequency
- Battery included

Part No.

PTX

Frequency Counter for Scanning & Adjusting Remotes



* Remote Control Not Included

RF Remote Control Frequency Counter

This tool is ideal for both home and vehicle technicians to quickly check if UHF remotes are working and re-tune to correct frequency if required.

- Large easy to read display
- Reads 250 ~ 500 MHz
- Power supply included

Part No.
FREQCOUNTER



Universal Air Conditioner Remote

This universal air conditioner remote control can control over 100 different world famous brands of air-conditioners, including Fujitsu, Daikin, Hitachi, Mitsubishi and Samsung.

This remote is the ideal product to replace lost or damaged air conditioner remotes and can control multiple functions including fan speed and air swing direction.

- Features:
- Low power consumption.
 - Long distance transmission range
 - Simple to set up and operate
 - Clear LCD screen, easily shows functions such as temperature and operating mode
 - Elegant and simplistic design.
 - Lightweight (56 grams)
 - Dimensions (mm): 135 (H) x 47 (W) x 23 (D)
 - Requires only 2 x AAA batteries to operate

Part No.
RS10



Waterproof Dynamo Torch

This flashlight doesn't require batteries, it is powered by simply shaking the unit up and down. This battery-less power source makes it a handy tool to have, especially in situations where emergency light may be needed, such as during a power blackout. When shaken, the flashlight is powered from the generation of a magnetic force created by the double copper coil wire within the handle. The torch comes in a transparent waterproof housing, making it suitable for use in a wide range of applications. It can be used underwater to a depth of two metres. The lack of batteries and the associated electronics means that the overall cost of production is lower, bringing you a high quality product for less.

- Waterproof
- Recharge By Shaking
- Light / Flashing Light Function

Part No.
WGDT200L

ALARM PADLOCK

SCARE AWAY THIEVES!

Alarm Padlock

with ear-piercing ultra loud siren when movement or shock is detected!



IDEAL FOR:



IDEAL FOR: Sheds, Gates, Garages, Lockups, Bikes, Toolboxes, Trailers, Caravans, Lawn Mowers, Garden Machinery, etc.

Watchguard 110dB Siren Alarmed Padlock

This Security Alarm Padlock, when armed, emits an ear-piercing ultra loud siren when movement or shock is detected, increasing the chances of scaring away thieves and protecting your valuables. The padlock features a 110db internal siren which sounds if the lock is moved, touched or knocked after it has been armed. The padlock has been manufactured to the highest standards, with a stainless steel shackle and hardened zinc alloy body. The body of the padlock has been powder-coated providing extra corrosion, water and weather resistance. The versatility of the padlock make it suitable for use in any number of applications, including garden sheds, gates, garages, lock-boxes, bikes, toolboxes, trailers, caravans, lawn mowers and garden machinery.

Part No.
WGALPAD



Business Phone Systems



PBX BUSINESS PHONE SYSTEMS

PBX Business Phone Systems 108



PBX PHONE SYSTEMS ACCESSORIES

PBX Phone Systems Accessories 109

COMPLETE BUSINESS PHONE SYSTEM



*** EASY TO USE,
EASY TO PROGRAM**



Digital PBX Keyphone System with 4 x LCD Handsets

System Includes:

- 4 x LCD Display Handsets
- 1 x PBX Central Control Module

Main Features:

- Supports up to 16 handsets and 6 incoming PSTN lines
- Expansion cards available (Voice Mail, Automated Attendant, Automated greeting, Caller ID, Door phone, VoIP trunk / extension)
- Automatic Call Distribution
- Call transfer, Call Forward, Call Park, Call Barring, Call Queuing, Call Override
- Conference Calling
- Do not disturb
- User set alarms
- Least Cost Routing
- Time Based Routing
- Internal or External hold music
- Paging and Intercom
- Distinctive Ring
- Speed and one touch dialing
- Optional external battery backup



Phone Available in Black

Part No.

EASYPBX-PACK4W

EASYPBX-PACK4B

PBX PHONE SYSTEMS ACCESSORIES



White Phone
(Model: EASYPBX-PHONE8W)



Black Phone
(Model: EASYPBX-PHONE8B)

8 Line Digital Keyphone

- 12 programmable flexible function keys
- Two wire installation, fully hands-free
- Displays time, date and phone name on standby screen.
- Can display caller ID with optional expansion card

Part No.

EASYPBX-PHONE8W
EASYPBX-PHONE8B



(Model: EASYPBX-LCARD2)

2 Line Expansion Card

- Provides two additional incoming PSTN ports to your EasyPBX system.
- Can be used in conjunction with part no. EASYPBX-LCARD4 for a total of 8 incoming lines.



(Model: EASYPBX-LCARD4)

4 Line Expansion Card

- Provides four additional incoming PSTN ports to your EasyPBX system.
- Can be used in conjunction with part no. EASYPBX-LCARD2 for a total of 8 incoming lines.

Part No.

EASYPBX-LCARD2
EASYPBX-LCARD4



24 Line Digital Keyphone

- 24 programmable flexible function keys
- Two wire installation, fully hands-free
- Large LCD display with backlight
- Displays time, date and phone name on standby screen.
- Extra function keys may be used as an operators switchboard
- Can display caller ID with optional expansion card

* Phone also comes in Black colour
(Model: EASYPBX-PHONE24B)

Part No.

EASYPBX-PHONE24W
EASYPBX-PHONE24B



Doorstation Interface Card

- Enables the PBX to be connected to a standard door station.
- Provides doorbell, audio and door strike functions.
- Compatible with most 600 Ohm systems.

Part No.

EASYPBX-DPVCARD



Digital Automated Attendant Unit

- Allows for 256 seconds of voice menus
- Fully automated interactive voice response
- Supports up to two concurrent calls
- Supports separate day and night modes
- Multiple units may be stacked to increase call capacity

Part No.

EASYPBX-VACARD



2 Line Analogue Handset Input Card

- Enables standard analogue phone handsets to be connected to your EasyPBX system
- Allows standard phones to make, receive and transfer calls on multiple lines
- Often used with cordless phones to give the PBX system wireless functionality

Part No.

EASYPBX-2SL



Voicemail Expansion Card

- 10 and 20 hour versions available
- Four concurrent sessions
- Supports up to 500 mailboxes
- Voice attendant
- Can be enabled manually or through the PBX time of day setting

Part No.

EASYPBX-VMCARD



Caller ID Expansion Card

- Gives your PBX the ability to detect the numbers of incoming callers
- Passes caller ID through to enabled handsets
- Allows for screening of callers based on phone number
- One card enables up to four incoming lines

Part No.
EASYPBX-IDCARD



LINKSYS VoIP Analogue Telephone Adapter

- Enables legacy PBX hardware for VoIP
- Provides routing and QoS functions, allowing you to share your existing internet connection without sacrificing call quality
- Configuration via a simple web interface
- Includes two standard telephone sockets for phones or fax machines with independent phone numbers
- Compatible with all common telephone features, such as Caller ID, Call Waiting and Voicemail

Part No.
VOIP-VOICEBOX



Serial Interface Expansion Card

- Allows simplified programming through a computer interface
- Can be configured to output station status and call metering data

Part No.
EASYPBX-RS232IF



Australian 606 to US Modular Adapter

- Often used in older buildings
- 6P2W adapter

Part No.
606M2



Voice Over IP Expansion Card

- Four line internal VoIP card - does not occupy your normal PSTN line inputs
- Allows for seamless dial-plan integration between two or more EasyPBX systems at different sites anywhere in the world
- Make free *intraoffice calls and transfers (*Excludes any associated data costs)
- Can register to any SIP based ITSP (ie Engin) to allow for low cost local and international calling
- Can be combined with the Digital Automated Attendant Unit to automatically route calls between offices

Part No.
EASYPBX-VOIPCARD



Telephone Extension Leads

- Flexible multistranded wire
- Fitted with 6P4W modular plugs
- Can be used with the 606 adaptor above
- Available in 1m, 10m, 20m or 30m lengths

Part No.
PHONEEXT1M
PHONEEXT10
PHONEEXT20
PHONEEXT30



2 Port ISDN BRI Card

This 2 port ISDN BRI card gives the PBX the ability to connect to any standard ISDN Basic Rate Interface. IE Telstra NT1.
2 physical ports= 4 logical lines

Part No.
EASYPBX-BRICARD2



3.5mm Male to Male Audio Lead

- Used to connect the EasyPBX system to a standard hold music source (ie radio)
- Length : 1.2m

Part No.
AUDIOCABLE



Access Control



SAMSUNG EZON DIGITAL DOOR LOCKS

PIN Code, Biometric & Card Reading Digital Door Locks & Accessories 112



SAMSUNG EZON INTERCOM SYSTEMS

High Quality Video Intercom Systems & Accessories 114



COMMAX AUDIO & VIDEO DOORPHONE

Audio Phone 116
 Video Phone 116



COMMAX AUDIO / VIDEO PHONE APARTMENTS

Audio Phone Apartments 117
 Video Phone Apartments 117

Are your customers
after **STYLE** and **SECURITY**?



SAMSUNG

EZON

Quality, Reliability & Style...

SAMSUNG EZON DOOR LOCKS



SAMSUNG EZON

Samsung EZON Touch Screen Digital Door Lock (Silver)

Slim and elegant in design with a brush aluminum and tempered glass finish, the Samsung EZON range of modern and sophisticated door locks are ideal for a keyless home. Designed with a digital touch keypad, secure deadbolt locking mechanism, electrostatic discharge prevention, auto and manual locking modes, as well as external emergency battery terminal, SHS-1110 is the premium keyless entry system for professional installers and DIY enthusiasts alike.

Part No.
EZSHS-1110XMS



SAMSUNG EZON

Samsung EZON Touch Screen Sensor Key Door Lock w/ Handles (Black)

Slim and elegant in design with a pearl black and tempered glass finish, the Samsung EZON range of modern and sophisticated door locks are ideal for a keyless home. Designed with a digital touch keypad, secure deadbolt locking mechanism, electrostatic discharge prevention, auto and manual locking modes, an Anti-Panic exit system, as well as external emergency battery terminal, the SHS-5110 is the premium keyless entry system for professional installers and DIY enthusiasts alike.

Part No.
EZSHS-5110XMK



SAMSUNG EZON

Samsung EZON Touch Screen Digital Door Lock (Black)

Slim and elegant in design with a pearl black and tempered glass finish, the Samsung EZON range of modern and sophisticated door locks are ideal for a keyless home. Designed with a digital touch keypad, secure deadbolt locking mechanism, electrostatic discharge prevention, auto and manual locking modes, as well as external emergency battery terminal, SHS-1210 is the premium keyless entry system for professional installers and DIY enthusiasts alike.

Part No.
EZSHS-1210XMK



SAMSUNG EZON

Samsung EZON Touch Screen RF Door Lock w/ Handles (Black)

The Samsung EZON range of intelligent digital door locks blends premium design with safety and security. The SHS-5120XMK utilises Smart card technology, allowing for three methods of entry: PIN, Smart Card or RF Key Tag. The anti-panic system, built-in fire detection sensor, ESD preventative technology and unauthorised entry alarm ensure that you are safe and secure at home.

Part No.
EZSHS-5120XMK



Samsung Ezon Premium Touch Screen Digital Door Lock - with Random Security Coding

Touch the Pride with the Samsung EZON range of digital door locks. The innovative SHS-1320XMK introduces random security coding technology, doubling the security without compromising the style of a digital, keyless lifestyle.

Security and safety are incorporated into the design, with the built-in fire detection sensor, unauthorised entry alarm, random security coding and Electrostatic Discharge (ESD) preventative technology.

Part No.
EZSHS-1320XMK



Samsung Ezon Premium Biometric Door Lock - Mortice Type - w/ Handles

The Samsung EZON SHS-DL22SNF Premium Biometric Digital Door Lock delivers a new level of safety and security to your home or business. The SHS-DL22SNF can be operated via a fingerprint or PIN code.

It incorporates auto/manual selectable locking modes, in-built thermal sensor with emergency alarm, and anti-panic exit system in a stylish, tamperproof alloy body.

Part No.
EZSHS-DL22SNF



Samsung EZON Biometric Door Lock - Rim Type - Blue

The Samsung EZON SHS-DS22BNF is a digital biometric door lock which blends convenience with security without compromise. The innovative fingerprint verification technology ensures the highest security for a reliable access control system.

The SHS-DS22SNF utilises a number of safety features standard across the EZON range, including the 1-touch anti-panic system, emergency alarm in case of door breakage, selectable auto/manual locking modes and low battery warning.

Part No.
EZSHS-DS22BNF



Samsung EZON Biometric Door Lock - Rim Type - Silver

The Samsung EZON SHS-DS22BNF is a digital biometric door lock which blends convenience with security without compromise. The innovative fingerprint verification technology ensures the highest security for a reliable access control system.

The SHS-DS22SNF utilises a number of safety features standard across the EZON range, including the 1-touch anti-panic system, emergency alarm in case of door breakage, selectable auto/manual locking modes and low battery warning.

Part No.
EZSHS-DS22SNF

DIGITAL DOOR LOCK ACCESSORIES



Replacement Touch Keys for Samsung EZON doorlocks

These are spare/replacement touch keys for compatible Samsung EZON doorlocks. Each pack comes with two keys.

Compatible Doorlocks are:
EZSHS-1110XMS
EZSHS-1210XMK
EZSHS-5110XMK

Part No.
EZSHS-ACK100



Replacement RF SmartCards for Samsung EZON doorlocks

These are replacement RF SmartCards for compatible Samsung EZON doorlocks.

Part No.
EZSHS-DAKTX01

SAMSUNG EZON INTERCOM KITS



System Capacity

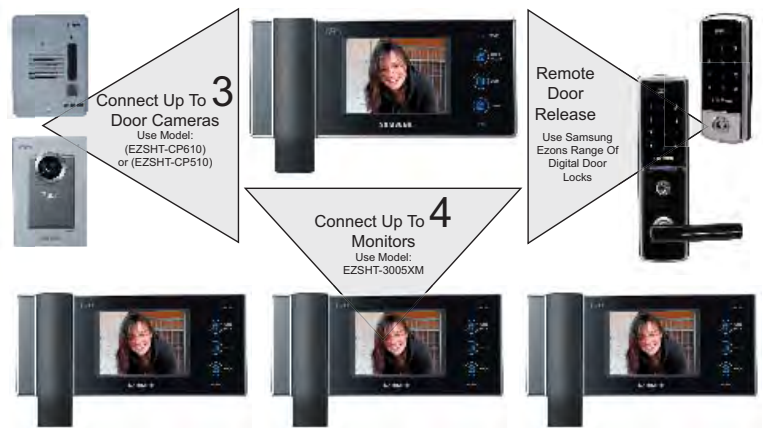
Part No.
EZSHT-3005XA



Samsung EZON 5" Deluxe Intercom System with Camera

The Samsung EZON EZSHT-3005XA is a sophisticated TFT-LCD video door phone designed for the modern home. It incorporates a sleek and slim surface with a sensitive touch pad control system. The system can be expanded to include up to 4 monitors and 3 door cameras for greater home automation. The system features a remote door release function and a security alarm which activates when the magnetic contact sensor is triggered.

Expansion Options:



System Capacity

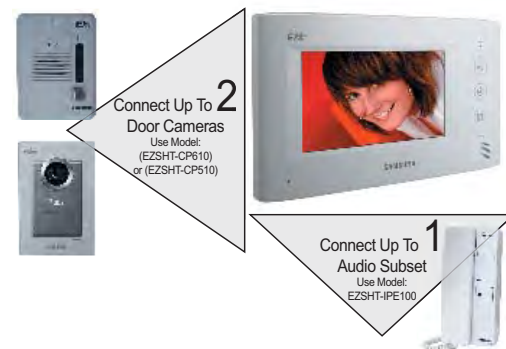
Part No.
EZSHT-3207XB



Samsung EZON 7" Intercom System with Camera

The Samsung EZON EZSHT-3207XB is a slim and stylish TFT-LCD Speakerphone and Door Camera pack designed for the modern home. The system can be expanded up to 2 door cameras for increased functionality. The intercom has remote door release and intercom call functions. Intercom call between a video monitor and a sub audio handset.

Expansion Options:



SAMSUNG EZON INTERCOM ACCESSORIES



Samsung EZON Additional 5" Monitor For Use With EZSHT-3005XA

Additional 5" monitor for use with EZSHT-3005XA

Part No.
EZSHT-3005XM



Samsung EZON Metal Door Station Pinhole Camera

The Samsung EZON EZSHT-CP610 is a metal door station pinhole camera. It has a 1/3" colour pinhole CCD with night vision.

Part No.
EZSHT-CP610



Samsung EZON Plastic Door Station

The Samsung SHT-CN510 is a Deluxe Door Camera designed for use with the Samsung EZON EZSHT-3005 range of Video Door Phones.

Part No.
EZSHT-CN510

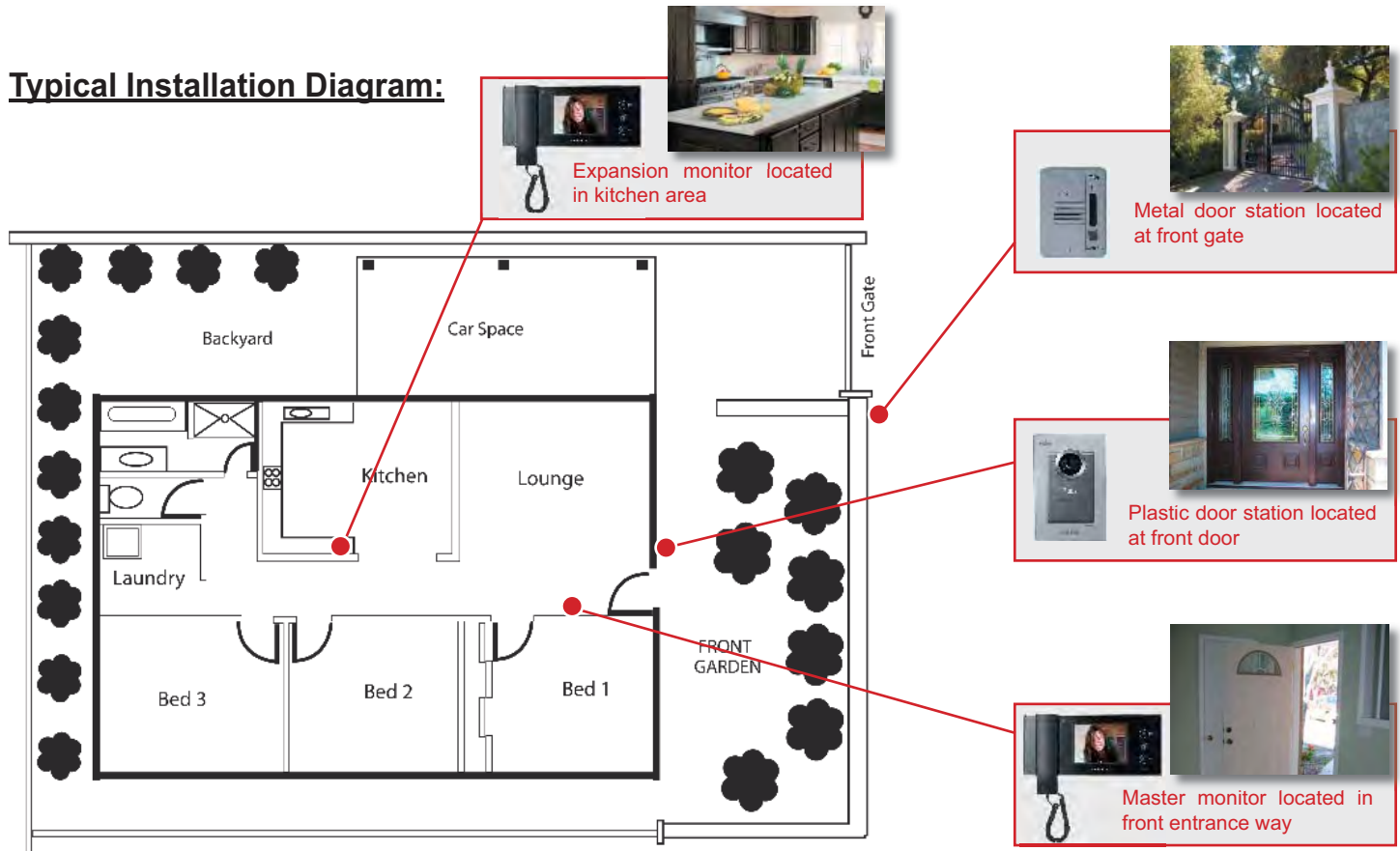


Samsung EZON Intercom Audio Subset

The Samsung IPE-100 is an expandable audio interphone compatible with the EZON 3207 series. It features an intercom call and open door button.

Part No.
EZSHT-IPE100

Typical Installation Diagram:



AUDIO DOORPHONE



Audio Doorphone Kit

- Kit Includes:
- 1 x Handset
 - 1 x Audio Doorphone Station (Plastic Surface Mount)
 - 1 x 12v Power Supply

Additional Components:

- N/A

** Please refer to Commax product guide for full details.



Part No.
INTAKITA



Audio Doorphone Kit with Master and Slave Handset

- Kit Includes:
- 1 x Handset (Master)
 - 1 x Handset (Slave)
 - 1 x Audio Doorphone Station (Aluminium Surface Mount)
 - 1 x 12v Power Supply

Additional Components:

- Handset: Part No:INTDPA01SD

** Please refer to Commax product guide for full details.



Part No.
INTAKITB
INTDPA01SD

VIDEO DOORPHONE



Video Doorphone Kit - Black/White

- Kit Includes:
- 1 x B/W Video Monitor
 - 1 x 64 Image Memory Unit
 - 1 x Audio Handset
 - 1 x Video Door Station (Aluminium Surface Mount)
 - 18V Power Supply

Additional Components:

- B&W Monitor: Part No.INTDPV4HPD
- Audio Handset: Part No.INTDP4VR
- Video Door Station: Part No.INTDRC40BS

** Please refer to Commax product guide for full details.



System Capacity

Part No.
INTVKITA
INTDPV4HPD
INTDP4VR
INTDRC40BS



Video Doorphone Kit - Colour 4" Monitor

- Kit Includes:
- 1 x 4" Colour Video Monitor
 - 1 x Image Memory Unit
 - 1 x Audio Handset
 - 1 x Video Door Station (Aluminium Flush Mount)
 - 18V Power Supply

Additional Components:

- 4" Colour Monitor: Part No.INTCDV4HCD
- Audio Handset: Part No.INTDP4VR
- Video Door Station*: Part No.INTDRC4CA

** Please refer to Commax product guide for full details.



System Capacity

Part No.
INTVKITB
INTCDV4HCD
INTDP4VR
INTDRC4CA



Video Doorphone Kit - Colour 5" LCD

- Kit Includes:
- 1 x 5" Colour Video Monitor
 - Hands Free Operation
 - 1 x Audio Handset
 - 1 x Video Door Station (Aluminium Surface Mount)
 - 18V Power Supply

Additional Components:

- Colour Monitor: Part No.INTCDV50A
- Audio Handset: Part No.INTDP4VR
- Video Door Station*: Part No.INTDRC40CS

** Please refer to Commax product guide for full details.



System Capacity

Part No.
INTVKITC
INTCDV50A
INTDP4VR
INTDRC40CS



Video Doorphone Kit - Colour 7" LCD + CCTV

- Kit Includes:
- 1 x 7" Colour LCD Video Monitor
 - Hands Free Operation
 - 1 x Video Door Station (Aluminium Surface Mount)
 - 1 x Surface Mount Digital Control Station
 - 1 x 15m Infrared CCTV Camera
 - 2 x 18V Power Supplies
 - 1 x 12V Camera Power Supply

Additional Components:

- 7" Colour LCD Monitor: Part No.INTCAV71B
- Video Door Station: Part No.INTDRC40S
- CCTV Camera: Part No. VSTP9361RAV

System Capacity



Monitors Cameras

** Please refer to Commax product guide for full details.

Part No.
INTVKITD
INTCAV71B
INTDRC40CS
VSTP9361RAV

APARTMENTS



Apartment Audio Intercom Kit - For 8 Units

APARTMENT AUDIO INTERCOM (DIGITAL PUSH BUTTON TYPE) 8 UNIT KIT

Kit Includes:
1 x 8 Button Master Door Station
1 x Audio Handset
12V Power Supply

Additional Components:
Audio Handset: Part No.INTDPKSS

* Also available door station for up to 16 units (Please call)

** Please refer to Commax product guide for full details.



System Capacity

Part No.

INTAPTAKITA
INTDPKSS

VIDEO DOORPHONE APARTMENTS



Apartment Black/White Digital Video Intercom - Max 32 Units

APARTMENT VIDEO INTERCOM (DIGITAL PUSH BUTTON TYPE) 5 DOOR ENTRIES + MAX 32 UNITS

Kit Includes:
- 1 x 8 Button Master Door Station
- 1 x 24 Button Expander Door station
- 1 x B/W Video Monitor
- 1 x Audio Handset
- 24V Power Supply

Features:
- B/W Video Apartment Digital Intercom System
- Indoor unit address set by dip-switches
- Standard 2 common entry connection
- Private Door Station connectible

Additional Components:
- B/W Video Monitor: Part No.INTAPV4CMD/2
- Audio Handset: Part No.INTAP2RS

** Please refer to Commax product guide for full details.



System Capacity

Part No.

INTAPTVKITA
INTAPV4CMD2
INTAP2RS



Apartment Black/White Digital Video Intercom - Max 240 Units

APARTMENT VIDEO INTERCOM (DIGITAL KEYPAD TYPE) 5 DOOR ENTRIES + MAX 240 UNITS

Kit Includes:
- 1 x B/W Digital Keypad Door Station
- 1 x B/W Wall Mount Indoor Monitor
- 1 x 4 Output Video Distributor
- 24V Power Supply
- 18V Power Supply

Features:
- Multi Entry Apartment B/W Video System
- Digital Key Pad Type Door Camera for up to 6 Entries + 240 Room Units
- B/W Wall Mount Indoor Monitor, Dip Switch for Unit Address
- Audio Handset(Optional)
- Private Door Station connectible
- 4 Wire System
- 24V DC Regulated

Additional Components:
- B/W Monitor: Part No.INTAPV4CMD/2
- Audio Handset: Part No.INTAP2RS
- B/W Digital Keypad Door Station: Part No.INTDRC240

** Please refer to Commax product guide for full details.



System Capacity

Part No.

INTAPTVKITB
INTAPV4CMD2
INTAP2RS
INTDRC240

Apartment Colour Digital Video Intercom - Max 8 Units

APARTMENT VIDEO INTERCOM (DIGITAL PUSH BUTTON TYPE) 5 DOOR ENTRIES + MAX 32 UNITS

Kit Includes:
1 x 8 Button Colour Door Station
1 x 4" Colour Video Monitor
18V Power Supply
12V Power Supply

Additional Components:
B/W Video Monitor: Part No.INTCDV4HCD

** Please refer to Commax product guide for full details.



System Capacity

Part No.

INTAPTVKITC
INTCDV4HCD

RhinoCo Technology's Terms & Conditions of Sale

1. DEFINITION

The expression "The Company", when referred to in these Terms and Conditions, refers to CORNICK PTY LTD ABN 74 001 621 610.

2. GENERAL

These Terms and Conditions of Sales apply to the sales of goods and services manufactured or supplied by The Company.

Any order received by The Company is deemed to be an order incorporating these Terms and Conditions and no variation or cancellation of any of these Terms and Conditions shall be binding on The Company unless assented to by The Company in writing.

Each order placed by the customer shall be & be deemed to be a representation by it, made at the time that it is solvent & able to pay all of its debts as & when they fall due. Failure to pay The Company in accordance with these terms shall be & be deemed to be conclusive evidence that the customer had no reasonable grounds for making the representation hereof & that the representations were unconscionable, misleading and deceptive.

3. ACCEPTANCE

Any quotation by The Company is not to be construed as an offer or obligation to sell and The Company reserves the right, at its option, to accept or reject any orders received.

4. PRICES

All prices charged/quoted shall be The Company's prices ruling at the date of despatch. Verbal quotations are subject to written confirmation which will be given when requested. All goods are sold and all prices are quoted FOB ex-works The Company unless otherwise specified. The Company reserves the right at any time to make reasonable adjustments of prices in relation to fluctuations in The Company's cost of labour, material, goods or transport and also in relation to any changes in currency exchange rates or duty which affect The Company's costs for imported goods.

Unless expressly noted all prices charged/quoted are exclusive of GST. All government imposts of GST or any equivalent as separately itemised on The Company's invoices are to the customer's account.

5. CANCELLATION OR VARIATION

A contract may, at The Company's option, be terminated in the event of insolvency of the purchaser or the purchaser being placed in liquidation, whether voluntarily or otherwise. A purchaser may only vary an order if such variation is accepted by The Company in writing and any variation or cancellation may only occur on terms which will provide for The Company to be indemnified by the purchaser against any loss or damages. Cancellations will attract a cancellation fee and must be at least 90 days prior to current due delivery date. No cancellation will be accepted on indented products. Re-schedules must be at least 45 days prior to the current due delivery date and any item may be deferred only once, up to a maximum of 90 days from the original requested date.

6. PACKING

Unless otherwise indicated prices include standard cases or packing.

7. DELIVERY

Unless otherwise stated in writing the price quoted is ex The Company's store where stocked. Where delivery is requested beyond this point The Company may, at its discretion, agree to act as agent for the purchaser in this matter and all costs for cartage and insurance will be for the purchaser's account.

8. TERMS OF PAYMENT

Cash on Delivery otherwise expressly agreed to in writing. The Company reserves the right to deliver and invoice any item or items comprising the whole or part of any order. Failure of The Company to deliver any part of an order shall not entitle the purchaser to repudiate the contract.

9. CLAIMS

The following conditions relating to the return of goods for credit apply to all goods returned for this purpose.

9.1 Goods returned must be accompanied by a Delivery Docket stating original invoice number, date of purchase and reason for return.

9.2 Non-standard equipment made to special order cannot be credited under any circumstances.

9.3 Inward freight packing and delivery charges are the responsibility of the purchaser.

9.4 Goods will only be accepted for credit to the extent of that wrongly or over-supplied.

9.5 All returns must be in good order and condition, unused and in original packaging. No claims by the purchaser need be recognised unless made in writing within fourteen days after delivery of the goods to the purchaser.

No claim for damage or resultant expense direct or indirect in respect of any goods shall in any case exceed the invoice price of the goods in respect of any damages or expense shall arise. All damage or expense over and above such invoice shall be the responsibility of the purchaser.

10. RISKS

Risk in the goods purchased shall, unless otherwise agreed in writing, pass to the purchaser upon delivery of the goods to the purchaser or his agent or to a carrier commissioned by the purchaser.

11. PATENTS

To the best of The Company's knowledge goods sold to the purchaser will not infringe any patent, trade mark, registered design or copyright of any third party but The Company shall in no circumstances be liable to the purchaser in respect of any such infringement constituted by the sale or use of the goods.

12. PERFORMANCE AND REPRESENTATION

Any figures or estimates given for performance of goods are based upon The Company's experience and are such as The Company would expect to obtain on test. But The Company will only accept liability for failure to obtain the figures or estimates given when such figures or estimates are guaranteed in writing within specified margins. The purchaser acknowledges that neither The Company nor any person purporting to act on its behalf has made any representation or given any promise or undertaking which is not expressly set out in the contract whether as to the fitness of the goods for any particular purpose or any other matter.

13. CONDITIONS AND WARRANTIES

All conditions and warranties expressed or implied by statute, the common law equity trade custom or usage or otherwise howsoever are hereby expressly excluded to the maximum extent permitted by law. Where so permitted the liability of The Company for a breach of a condition or warranty that cannot be excluded is limited (at The Company's option) to the replacement or repair of the goods or the supply of equivalent goods or the cost of replacing or repairing the goods or of acquiring equivalent goods. The Company shall not be liable in any way whatsoever for indirect or consequential loss or damage whatsoever (whether based on tort or contract or otherwise). It is a condition of this contract that the purchaser shall not use the goods for the installation in or in association with aircraft. Goods are not authorised for use in life support devices, systems intended for surgical implant into the body or for applications intended to support or sustain life or where the failure of the product would ordinarily create a situation where personal injury or death is likely to occur. In the event the goods are so incorrectly used, The Company shall be exempt from all liability whatsoever and the purchaser hereby indemnifies The Company in respect of any claims, demands, suits or proceedings whatsoever resulting from such misuse of the goods. The Company warrants its products to be in conformance with its own plans and specifications and to be free from defects in materials and workmanship under normal use and service for 12 months from the date stamp control on the product, or for products not having a date stamp, for twelve months from the date of original purchase unless the installation instructions or catalogue sets forth a shorter period, in which case the shorter period shall apply. The Company's obligation shall be limited to repairing or replacing, at its option, free of charge for materials or labor, any part which is proved not in compliance with The Company's specifications or proves defective in materials or workmanship under normal use and service. The Company shall have no obligation under this Limited Warranty or otherwise if the product is altered or improperly repaired or serviced by anyone other than The Company. For warranty service, return transportation prepaid, to 9 Hannabus Place McGraths Hill NSW 2756 Australia.

There are no warranties, expressed or implied, of merchant ability, or fitness for a particular purpose or otherwise, which extend beyond the description on the face hereof. In no case shall The Company be liable to anyone for any consequential or incidental damages for breach of this or any other warranty, express or implied, or upon any other basis of liability whatsoever, even the loss or damage is caused by its own negligence or fault. The Company does not represent that the products it sells may not be compromised or circumvented; that the products will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the products will in all cases provide adequate warning or protection. Customer understands that a properly installed and maintained alarm system may only reduce the risk of a burglary, robbery, or fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result.

Consequently, The Company shall have no liability for any personal injury; property damage or other loss based on a claim the product failed to give any warning. However, if The Company is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, The Company's maximum liability shall not in any case exceed the purchase price of the product, which shall be the complete and exclusive remedy against The Company. This warranty replaces any previous warranties and is the only warranty made by The Company on this product. No increase or alteration, written or verbal, of the obligations of this Limited Warranty is authorised.

14. TITLE TO GOODS

14.1 Notwithstanding delivery of the goods to the purchaser, until the purchaser has effected full payment for the Goods and any other goods previously supplied by The Company:

- legal title to the Goods will remain with The Company;
- the risk in the Goods will pass to the purchaser on delivery to the purchaser or its agent;
- the relationship between The Company and the purchaser will be fiduciary;

11.2 The Purchaser will:

- hold the Goods as bailee for The Company;
- keep the goods separate from other goods; and
- label the goods so that they are identifiable as the goods of The Company;

14.3 With The Company's consent (which is given) the purchaser is at liberty to sell the Goods, in the ordinary course of the purchaser's business, provided that the money from the sale will:

- be held in a separate account in trust for the vendor;
- not be mingled with other money; and
- not be placed into an overdrawn account

14.4 The purchaser is not an agent of The Company in any sale of the Goods by the purchaser.

14.5 After the happening of an Event of Default, the vendor may without demand retake possession of the Goods and may without notice sell the Goods on such terms and in such a manner as it determines and will be entitled to deduct all expenses incurred. For the purposes of recovering possession and without limiting the generality of the foregoing, the purchaser irrevocably authorises and licenses The Company and its servants and agents to enter any premises where any Goods may be stored and to take possession of the Goods.

15. RECOVERY OF COSTS

The customer will pay to The Company any costs and expenses incurred by it or its solicitors, legal advisers, mercantile agents and other parties acting on The Company's behalf in respect of anything instituted or being considered against the customer whether for debt, possession of any goods or otherwise.

16. FORCE MAJEUR

The Company will not be in default or in breach of any contract with the customer by as a result of Force Majeur. Force Majeur means beyond the reasonable control of The Company and includes any strike or lockout either directly or indirectly by any supplier of goods or services.

17. LEGAL CONSTRUCTION

Except as may be otherwise agreed by The Company, the contract shall be governed by the laws of the State of NSW.

Fax Order Form

Fax your order to: 02 4577 4885



Customer Details:

Company: _____
 Contact: _____
 ABN No. _____
 Postal Address: _____

 State: _____ Post Code: _____
 Phone: _____ Fax: _____
 Mobile: _____
 Email: _____

Order No. _____

Payment Details:

- Account - A/C # _____
- Cheque / Money Order
- Direct Deposit
- Mastercard
- Visa
- Amex - (Surcharge Applies)

Delivery Details:

- Express Post (Up to 3kg only)
- Road Freight (Std Road Freight Charges Apply)
- Pick Up - Location:
 - McGraths Hill
 - Haberfield
 - Villawood
 - Wollongong
 - Your Nominated Freight Carrier

On all pick up items sales staff will call to confirm availability & pick up times

Company: _____
 Phone: _____
 Account Code: _____
 Delivery Address: _____

 State: _____ Post Code: _____

Card No. _____

Exp Date: __ / __

Card Holders Signature: _____

 (Please Note: Credit card charges may apply)

Special Instructions: _____

Part No.	Description	Qty	Unit Price	Total Price

**Please Fax to RhinoCo Technology on
02 4577 4885**

Total Order Value	\$
Delivery	\$
GST	\$
ORDER TOTAL	\$

Please photocopy and use this page as often as required to order your products



INTERNATIONAL HEADQUATERS AND BRANCHES



AUSTRALIA HEAD OFFICE

Address: 9 Hannabus Place McGraths Hill
NSW 2756, Australia
Phone: (+61) 2 4577 4708
Fax: (+61) 2 4577 4885
Email: sales@rhino.com.au

HABERFIELD BRANCH

Address: 223 Ramsay Street
Haberfield NSW 2045, Australia
Phone: (+61) 2 9716 0444
Fax: (+61) 2 9799 2024

VILLAWOOD BRANCH

Address: 71 Middleton Road
Villawood NSW 2163, Australia
Phone: (+61) 2 9743 8222
Fax: (+61) 2 9743 8590

WOLLONGONG BRANCH

Address: 85 Princes Highway,
Fairy Meadow NSW 2519, Australia
Phone: (+61) 2 4228 8737
Fax: (+61) 2 4228 8736

INTERNATIONAL SALES OFFICES & MANUFACTURING



UK SALES OFFICE

Address: 3B Vernon Drive, Shrewsbury,
SY1 3TF United Kingdom
Phone: (+44) 0845 644 5421
Fax: (+44) 0845 644 5431
Email: sales@rhinoco.co.uk



ITALY SALES OFFICE

Address: 24 Piazza Garibaldi,
98034 Francavilla Di Sicilia (ME) Italy
Phone: (+39) 0942 989241
Fax: (+39) 0942 989241
Email: sales@rhinoco.it



SOUTH AFRICA OFFICE

Address: Route 21 Corp/ Park, Unit c3
Prospect Close, 311 Regency Drive,
Irene Ext 30, South Africa
Phone: (+27) 12345 6626
Email: sales@rhinoco.co.za



NEW ZEALAND OFFICE

Address: 68d Paul Matthews Drive,
Albany, Auckland New Zealand 0751
Phone: (+64) 9 476 8052
Fax: (+64) 9 476 8059
Email: sales@rhinoco.co.nz



CHINA SALES OFFICE

Phone: (+86) 755 837 45889
Email: china@rhino.com.au



KOREA SALES OFFICE

Phone: (+82) 32 833300
Email: korea@rhino.com.au



TAIWAN SALES OFFICE

Phone: (+886) 6355188
Email: taiwan@rhino.com.au

Specifications may vary without notice. Products may vary from illustrations. Prices shown exclude GST and are available to qualified trade/wholesale customers only.

For full terms & conditions of sale please visit our website.

RhinoCo Technology Copyright © 2010 All Rights Reserved. Reproduction in whole or part is prohibited without the written consent of the company.

sales@rhino.com.au - www.rhino.com.au

Australian Inspired Electronic Security – Since 1978