4K and ready for install.

Choose RhinoCo for the best in IP and HDCVI surveillance kits, ready for installation.

HDCVI Surveillance Kits: HD over coax packages available in 1.0MP, 2.0MP and 4.0MP.

Professional Series 4.0MP Upgrade HDCVI Kits

- Analogue to 4.0MP over coax upgrade kit, records 4.0MP at 15fps
- Fixed 3.6mm lens, true WDR (120dB), 50m IR domes (40m bullet), IP67 weather rated, HD/SD dual video output cameras
  *12VDC upgrade kit only. Camera PSU & coaxial cabling not included

4.0 MEGAPIXEL

9x greater image resolution vs analogue

| CVR4PROPACK (4CH, 2TB) | CVR8PROPACK (8CH, 4TB) | CVR16PROPACK (16CH, 8TB) |

Professional Series 2.0MP Upgrade HDCVI Kits

- Analogue to 2.0MP over coax upgrade kit, records 2.0MP at 15fps
- Fixed 3.6mm lens, true WDR (120dB), 30m IR domes (40m bullet), IP67 weather rated, IK10 domes, HD/SD dual video output cameras
  *12VDC upgrade kit only. Camera PSU & coaxial cabling not included

Full HD 1080

5x greater image resolution vs analogue

| CVR4PACK6 (4CH, 1TB) | CVR8PACK6 (8CH, 2TB) | CVR16PACK6 (16CH, 4TB) |

Compact Series 1.0MP Complete HDCVI Kits

- Complete HDCVI kits: 720p/15fps recording & surveillance HDDs
- 1.0MP 50m infrared, full metal, IP67 rated mini dome cameras
- 1.0MP 20m infrared, full metal, IP67 rated mini bullet cameras
- Includes all camera cabling, power supplies & power splitters

(8 channel DVR)

HD 720P

2x greater image resolution vs analogue

| CVR4COMPACK (4CH, 1TB) | CVR8COMPACK (8CH, 2TB) | CVR16COMPACK (16CH, 4TB) |

Contact us: (02) 9671 6711 or sales@rhino.com.au • **Purchase online:** www.rhino.com.au • **All prices exclude GST**

IP Surveillance Kits: Built-in-PoE network CCTV packs in 2.0MP, 4.0MP, 6.0MP & 8.0MP.

Professional Series 8.0MP Complete IP Kits

- 8.0MP kits with built-in PoE & pre-installed surveillance HDDs
- Fixed 4mm lens, true WDR (120dB), 50m IR domes (40m bullet), H.265 support, microSD slot, IP67 rated, built-in mic dome cams
- All required CAT5, HDMI cabling and power supplies included

4K ULTRA HD

20x greater image resolution vs analogue

NVR4PROPACK3-8M	NVR8PROPACK6-8M	NVR16PROPACK6-8M
(4CH, 8.0MP, 4TB)	(8CH, 8.0MP, 8TB)	(16CH, 8.0MP, 12TB)

Professional Series 6.0MP Complete IP Kits

- 6.0MP kits with built-in PoE & pre-installed surveillance HDDs
- Fixed 3.6mm lens, true WDR (120dB), 50m IR domes (40m bullet), H.265 support, microSD slot, IP67 rated, built-in mic dome cams
- All required CAT5, HDMI cabling and power supplies included

6.0 MEGAPIXEL

15x greater image resolution vs analogue

NVR4PROPACK3-6M	NVR8PROPACK6-6M	NVR16PROPACK6-6M
(4CH, 6.0MP, 4TB)	(8CH, 6.0MP, 8TB)	(16CH, 6.0MP, 12TB)

Professional Series 4.0MP Complete IP Kits

- Full HD 4.0MP kits with built-in PoE & pre-installed surveillance HDDs
- Fixed 3.6mm lens, true WDR (120dB), 50m IR domes (40m bullet), H.265 support, microSD slot, IP67 rated, built-in mic dome cams
- All required CAT5, HDMI cabling and power supplies included

4.0 MEGAPIXEL

9x greater image resolution vs analogue

NVR4PROPACK3-4M	NVR8PROPACK6-4M	NVR16PROPACK6-4M
(4CH, 4.0MP, 2TB)	(8CH, 4.0MP, 4TB)	(16CH, 4.0MP, 8TB)

Watchguard™ Compact Series 2.0MP Complete IP Kits

- Full HD 1080p kits with built-in PoE & pre-installed surveillance HDDs
- Fixed 3.6mm lens, true WDR (120dB), 50m IR domes (40m bullet), microSD slot, IP67 rated, built-in mic dome cams
- All required CAT5, HDMI cabling and power supplies included

Full HD 1080

5x greater image resolution vs analogue

NVR4COMPACK2	NVR8COMPACK2	NVR16COMPACK
(4CH, 1TB)	(8CH, 2TB)	(16CH, 4TB)

Compact IP Series: Affordable, high resolution NVRs with PoE in 4, 8, and 16 channels.

4K ULTRA HD — *1 x HDD 80Mbps 4 x PoE*

Watchguard™

Compact 4CH NVR

- Records 8.0MP (3840 x 2160), up to 80Mbps
- Built-in 4 port PoE switch, H.265 support
- 1 x SATA up to 10TB, 1 x HDMI, 1 x VGA
- Remote view configuration via QR code

**NVR4COM2
(4CH, 4 x PoE)**

4K ULTRA HD — *1 x HDD 80Mbps 8 x PoE*

Watchguard™

Compact 8CH NVR

- Records 8.0MP (3840 x 2160), up to 80Mbps
- Built-in 8 port PoE switch, H.265 support
- 1 x SATA up to 10TB, 1 x HDMI, 1 x VGA
- Remote view configuration via QR code

**NVR8COM2
(8CH, 8 x PoE)**

Hurry! Limited Stock! — *2 x HDD 200Mbps 16 x PoE*

Watchguard™

Compact 16CH NVR

- Records 5.0MP (2560 x 1920), up to 200Mbps
- Built-in 16 port PoE switch, H.264 support
- 2 x SATA port up to 12TB, 1 x HDMI, 1 x VGA
- 4/2 Alarm I/O, remote view config. via QR code

**NVR16COM
(16CH, 16 x PoE)**

Professional IP Series: Ultra HD NVRs with PoE, available in 4, 8, 16, 24 and 32 channels.

4K ULTRA HD — *2 x HDD 200Mbps 4 x PoE*

VIP VISION

Professional 4CH NVR

- Records 8.0MP (3840 x 2160), up to 200Mbps
- Built-in 4 port PoE switch, H.265 support
- 2 x SATA up to 20TB, 1 x HDMI, 1 x VGA
- 4/2 Alarm I/O, QR code remote config.

**NVR4PRO3
(4CH, 4 x PoE)**

4K ULTRA HD — *2 x HDD 320Mbps 8 x PoE*

VIP VISION

Professional 8CH NVR

- Records 12.0MP (4000 x 3000), up to 320Mbps
- Built-in 8 port PoE switch, H.265 support
- 2 x SATA up to 20TB, 1 x HDMI, 1 x VGA
- 4/2 Alarm I/O, QR code remote config.

**NVR8PRO6
(8CH, 8 x PoE)**

4K ULTRA HD — *4 x HDD 320Mbps 16 x PoE*

VIP VISION

Professional 16CH NVR

- Records 12.0MP (4000 x 3000), up to 320Mbps
- Built-in 16 port PoE switch, H.265 support
- 4 x SATA up to 40TB, 2 x HDMI, VGA, eSATA
- 16/6 Alarm I/O, RS232/485, QR code config.

**NVR16PRO6
(16CH, 16 x PoE)**

NEW **4K ULTRA HD** — *4 x HDD 320Mbps 24 x PoE*

VIP VISION

Professional 24CH NVR

- Records 12.0MP (4000 x 3000), up to 320Mbps
- Built-in 24 port PoE switch, H.265 support
- 4 x SATA up to 40TB, 2 x HDMI, VGA, eSATA
- 16/6 Alarm I/O, RS232/485, QR code config.

**NVR24PRO6
(24CH, 24 x PoE)**

4K ULTRA HD — *4 x HDD 320Mbps 16 x PoE*

VIP VISION

Professional 32CH NVR

- Records 12.0MP (4000 x 3000), up to 320Mbps
- Built-in 16 port PoE switch, H.265 support
- 4 x SATA up to 40TB, 2 x HDMI, VGA, eSATA
- 16/6 Alarm I/O, RS232/485, QR code config.

**NVR32PRO16P2
(32CH, 16 x PoE)**

4K ULTRA HD — *4 x HDD 320Mbps No PoE*

VIP VISION

Non-PoE NVRs in 16CH and 32CH

- Records 12.0MP (4000 x 3000), up to 320Mbps
- External PoE required, H.265 support, QR code
- Alarm I/O, HDMI/VGA, eSATA, RS232/485

**NVR16PRO6NP (16CH,   NVR32PRONP2 (32CH,
2 x SATA, 1 x RJ45)   4 x SATA, 2 x RJ45)**

Ultimate IP Series: High functionality NVRs for large premises, in 32, 64 & 128 channels.

VIP vision

Ultimate Series NVRs

- Record up to 12.0MP resolution (4000 x 3000), beyond 4K/Ultra HD
- 8 x SATA (32CH) and 16 x SATA (64/128CH); hot-spare/swap support
- 384Mbps incoming bandwidth to handle large number of inputs
- High performance surveillance with Intel® Core™ processors
- RAID profiles support for HDD optimisation and redundancy
- Live view in Ultra HD (3840 x 2160); multi-screen display support
- Alarm I/O with programmable relay outputs, RS232, RS485 and eSATA
- Gigabit interface: 2 x RJ45 ports (32CH); 4 x RJ45 & 2 x optical (64/128CH)

4K ULTRA HD

8 x HDD 384Mbps 32CH

4K ULTRA HD

16 x HDD 384Mbps 64/128CH

NVR32ULTNPV2
(32CH, No PoE)

NVR64ULTNPV2
(64CH, No PoE)

NVR128ULTNPV2
(128CH, No PoE)

Network Essentials: Power 60W cameras via PoE with our new Hi-PoE network switches.

DIN Rail Mountable

8 Port Gigabit SFP port

Gigabit Hi-PoE SFP ports

Rack Cabinet Mountable

VIP vision

8 Port PoE+ Unmanaged Switch

- 8 x 100 Mbps PoE+ Ethernet ports
- 1 x 1000 Mbps Ethernet port
- 1 x SFP port (1000 Base-X)
- Up to 100 metre PoE range
- All ports: ≤30W, Total: ≤93W
- DIN rail mountable unit

VSPOE-SW8
(8 port)

VIP vision

8 Port Desktop Hi-PoE Unmanaged Switch

- 8 x 100 Mbps PoE+ Ethernet ports
- 2 x 1000 Mbps Ethernet ports
- Up to 250 metre PoE range
- Port 1: ≤60W (Hi-PoE)
- Port 2-8: ≤30W, Total: ≤96W
- Desktop Ethernet switch

VSPOE-SWA8G
(8 port)

VIP vision

16 Port Rackmount Hi-PoE Managed Switch

- 16 x 100 Mbps PoE+ Ethernet ports
- 2 x 1000 Mbps Ethernet ports
- 2 x SFP ports (1000 Base-X)
- Up to 250 metre PoE range
- Port 1-2: ≤60W (Hi-PoE),
  Port 3-16: ≤30W, Total: ≤240W

VSPOE-SWA16
(16 port)

VIP vision

24 Port Rackmount Hi-PoE Managed Switch

- 24 x 100 Mbps PoE+ Ethernet ports
- 2 x 1000 Mbps Ethernet ports
- 2 x SFP ports (1000 Base-X)
- Up to 250 metre PoE range
- Port 1-2: ≤60W (Hi-PoE),
  Port 3-24: ≤30W, Total: ≤240W

VSPOE-SWA24
(24 port)

VIP vision

PoE Midspan & Extender

Extend IP CCTV 300m

- Integrate Midspan/Extenders to extend 3 IP cameras up to 300m (≤ 8W / camera, 100m per extender)
- Facilitates passive PoE power supply cascade
- 60W 10/100/1000M high power midspan for PTZs
- Add up to 3 x 10/100M extenders up to 300m
- Midspan can be substituted for HiPoE switch port
- Midspan wall mount, extender DIN rail kit incl.

VSPOE-MS
(Midspan)

VSPOE-EX
(Extender)

SECURVIEW

Wall/Standing Rackmount Cabinets

Wall Mount & Standing Cabs

- Sizes: 4 ~ 18RU (wall); 12 ~ 42RU (standing)
- Depth: Up to 600mm (wall); 1000mm (standing)
- Tempered glass & steel construction, lockable doors
- Add on power boards, fixed shelves, patch panels, cable managers and more*
- Wall brackets, fan kits and sliding shelves optional
- Cabinets come flat-packed (Contact us for full range)
  * Sold separately

RACKMOUNTCABxF/W

Professional IP Series: Fixed & motorised lens available in 2.0MP, 4.0MP, 6.0MP & 8.0MP.

VIP VISION
Fixed Lens IP Domes

- Avail. in 2.0MP, 4.0MP, 6.0MP & 8.0MP
- Stream up to 4K (3840 x 2160) at 15fps
- H.265 efficient video compression
- Variety of wide/narrow fixed lenses (3.6mm lens approx. 90° H. field of view)
- 50m infrared range & true WDR (120dB) (8.0MP is digital WDR only)
- Built-in microphone; MicroSD slot
- IP67 rated with full metal housing
- Face detection & other IVS features

2.0MP All-metal H.265 — Full HD 1080

4.0MP All-metal H.265 — 4.0 MEGAPIXEL

NEW 6.0MP All-metal H.265 — 6.0 MEGAPIXEL

8.0MP All-metal H.265 — 4K ULTRA HD

VSIPE2MPVDMINIIRCB (2.8 or 3.6mm lens)

VSIPE4MPVDMINIIRCB (2.8, 3.6 & 6mm lens)

VSIPE6MPVDMINIIRC (2.8 or 3.6mm lens)

VSIP8MPVDMINIIRC (4mm lens)

VIP VISION
Fixed Lens IP Bullets

- Avail. in 2.0MP, 4.0MP, 6.0MP & 8.0MP
- Stream up to 4K (3840 x 2160) at 15fps
- H.265 efficient video compression
- Variety of fixed lens options (3.6mm lens approx. 90° H. field of view)
- 40m infrared range & true WDR (120dB) (8.0MP is digital WDR only)
- MicroSD slot up to 128GB
- IP67 rated with full metal housing
- Face detection & other IVS features

Full HD 1080 — **2.0MP All-metal H.265**

4.0 MEGAPIXEL — **4.0MP All-metal H.265**

6.0 MEGAPIXEL — **NEW 6.0MP All-metal H.265**

4K ULTRA HD — **8.0MP All-metal H.265**

VSIP2MPFBMINIIRV3 (3.6mm lens)

VSIP4MPFBMINIIRV2 (3.6mm lens)

VSIPE6MPFBMINIIR (2.8mm lens)

VSIP8MPFBMINIIR (4mm lens)

VIP VISION
Fixed Lens IP Wedge Dome

20m IR Compact IK10 — **4.0 MEGAPIXEL** — **NEW**

- Avail. in 4.0MP in three focal lengths
- Stream 4.0MP (2688 x 1520) at 25fps
- 2.8mm, 3.6mm and 6.0mm lens options
- H.265 efficient video compression
- 20m infrared & true WDR (120dB)
- MicroSD slot up to 128GB
- Built-in microphone
- IP67/IK10 weather/vandal resistant

VSIP4MPVDIRFV2 (2.8, 3.6 or 6.0mm lens)

VIP VISION
Motorised Lens IP Dome

5x Zoom All-metal H.265 — **5x Zoom IK10 rated H.265** — **4.0 MEGAPIXEL**

- Available in flat lens window or IK10 dome styles
- Stream up to 4.0MP (2688 x 1520) at 20fps
- 2.7~13.5mm motorised lens (104~28°), fixed iris
- 50m infrared and true WDR (120dB)
- MicroSD slot up to 128GB
- IP67/IK10 weather/vandal resistant

VSIP4MPVDIRME (4.0MP)

VSIP4MPVDIRMD (4.0MP, IK10 rated)

VIP VISION
Motorised Lens IP Bullet

5x Zoom 60m IR H.265 — **4.0 MEGAPIXEL**

- Stream 4.0MP (2688 x 1520) at 20fps
- 2.7~13.5mm motorised lens (104~28°), fixed iris
- 0.03lux minimum colour illumination @ F1.4
- 60m infrared and true WDR (120dB)
- MicroSD slot up to 128GB
- IP67 weather resistant metal housing

VSIP4MPFBIRMD (4.0MP)

Ultimate IP Series: The best in 4K, low light & analytics in 2.0MP, 6.0MP, 8.0MP & 12.0MP.

NEW

8.0MP 4K@15fps H.265 — 4K ULTRA HD

8.0MP 4K@15fps H.265 — 4K ULTRA HD

8.0MP 4K@15fps H.265 — 4K ULTRA HD — 6.0 MEGAPIXEL — **NEW**

8.0MP 4K@15fps IK10 — 4K ULTRA HD — **NEW**

Ultimate IP Bullets

- Stream 8.0MP (3840 x 2160) 15fps
- 2.7 ~ 12mm motorised varifocal lens with DC auto iris (102°~39°)
- Avail. in 7~35mm model (38°~14°)
- 8 intelligent video functions, incl. face detection, tripwire & intrusion
- H.265, microSD, alarm I/O, audio I/O & video tester output
- 50m smart infrared system & WDR
- IP67 rated with full metal housing

VSIP8MPFBIRM (2.7~12mm lens)
VSIPE8MPFBIRM-Z (7~35mm lens)

Ultimate IP Dome

- Stream 8.0MP (3840 x 2160) 15fps
- 2.7 ~ 12mm motorised varifocal lens with DC auto iris (102°~39°)
- 8 intelligent video functions, incl. face detection, tripwire & intrusion
- H.265 video compression support
- MicroSD slot up to 128GB and built in microphone
- 50m smart infrared & digital WDR
- IP67 rated with full metal housing

VSIP8MPVDIRME (2.7~12mm lens)

Ultimate IP Domes

- Stream 8.0MP (3840 x 2160) 15fps
- Stream 6.0MP (3072 x 2048) 20fps
- 8.0MP: 2.7 ~ 12mm motorised lens with DC auto iris (102°~39°)
- 6.0MP: 2.7 ~ 13.5mm motorised lens with DC auto iris (91°~27°)
- 8 intelligent video functions, incl. face detection, tripwire & intrusion
- H.265, microSD, built in microphone
- 50m smart infrared system & WDR
- IP67 rated with full metal housing

VSIPE6MPVDIRMG (6.0MP)
VSIPE8MPVDIRMG (8.0MP)

Ultimate IP Vandal Domes

- Stream 8.0MP (3840 x 2160) 15fps
- IK10 polycarbonate dome model
- 2.7 ~ 12mm motorised varifocal lens with DC auto iris (102°~39°)
- Avail. in 7~35mm model (38°~14°)
- 8 intelligent video functions, incl. face detection, tripwire & intrusion
- H.265, microSD, alarm I/O, audio I/O & video tester output
- 50m smart infrared system & WDR
- IP67 rated with full metal housing

VSIPE8MPVDIRM (IK10, 2.7~12mm)
VSIPE8MPVDIRM-Z (IK10, 7~35mm)

Full HD 1080

2.0MP Low Light Analytics — Full HD 1080

VSIP2MPFBIRLV2

VSIP2MPVDIRLV2

2.0MP Ultra Low Light IP Cameras

- Huge 1/1.9" CMOS sensor for light capture
- 0.002 Lux at F1.53 min. colour illumination
- Image stabilisation & intelligent scene control
- Stream 2.0MP / 1080p (1920 x 1080) at 50fps
- 4.1 ~ 16.4mm motorised lens with DC auto iris
- 8 intelligent video functions, incl. face detection
- 50m smart infrared system & true WDR (120dB)
- H.265, microSD, alarm/audio I/O, tester output, IP67

4K ULTRA HD

12.0MP 4K@25fps Analytics — 4K ULTRA HD

VSIP12MPFBIRMV2

VSIP12MPVDIRMV2

12.0MP Ultimate Series IP Cameras

- Stream 12.0MP (4000 x 3000) at 20fps
- Stream 8.0MP / 4K (3840 x 2160) at 25fps
- Image stabilisation & intelligent scene control
- 4.1 ~ 16.4mm motorised lens with DC auto iris
- 105° ~ 35° adjustable. horizontal field of view
- 8 intelligent video functions, incl. face detection
- H.265, microSD, alarm & audio I/O, tester out, IP67
- 50m smart infrared system & digital WDR

Professional IP PTZs: Compact recessed and surface mount PTZs in 2.0MP and 4.0MP.

2.0MP 12x Zoom IK10

2.0MP 25x Zoom H.265

Full HD 1080

4x Zoom Ø122mm H.264

Full HD 1080

4x Zoom Ø122mm H.265

4.0 MEGAPIXEL

NEW

2.0MP Surface Mount IP PTZ

- Stream 2.0MP at 25fps (1920 x 1080)
- 5.1~61mm motorised lens (59° ~ 5.2°)
- True WDR (120dB), audio & alarm I/O
- Endless 360° pan, -2~90° tilt
- MicroSD slot up to 128GB; IP66 & IK10

VSIP2MPPTZV2

2.0MP Recessed IP PTZ

- Stream 2.0MP at 25fps (1920 x 1080)
- 4.8~120mm motorised lens (59° ~ 2.4°)
- 500°/s fast, endless 360° pan, 0~90° tilt
- Ultra low light colour (0.005lx), true WDR
- Audio & alarm interface, IK10 dome

VSIP2MPPTZCV3

Compact IP PTZ Domes

- **Compact PTZ with a small footprint of only Ø122mm**
- 2.7~11mm motorised lens (112.5°~30°), microSD slot (128GB)
- 355° panning, 0~90° tilt, true WDR (120dB), IP66/IK10 rated body
- Video analytics including face detect, tripwire & intrusion
- Stream 2.0MP at 25fps, H.264   • Stream 4.0MP at 25fps, H.265

VSIP2MPPTZMINI (2.0MP, H.264)   **VSIP4MPPTZMINI (4.0MP, H.265)**

Panoramic IP Series: 180° field of view cameras with analytics & panoramic infrared.

6.0MP 3 Sensors 30m IR

8.0MP 4 Sensors 30m IR

8.0MP 4 Sensors 30m IR

Panoramic IP Bullets & Dome

- **In 6.0MP bullet, 8.0MP bullet and 8.0MP dome**
- Multiple image sensor & lens panoramic system
- 8.0MP: Stitched image 4096 x 1800 (H:180°, V:80°)
- 6.0MP: Stitched image 4096 x 832 (H:180°, V:44°)
- Face detection, people counting, heat map & more
- Multiple LED 180° 30m panoramic infrared system
- H.265, MicroSD slot, digital WDR (6.0MP: true WDR)
- Alarm and audio inputs and outputs
- IP67 weather and IK10 vandal rated housings

VSIP6MPPA   **VSIP8MPPA**   **VSIP8MPPAD**

Fisheye IP Series: 360° field of view cameras to transform your IP surveillance installs.

12.0MP H.265 10m IR

5.0MP 360° View IK10

360° IP Fisheye Domes

- **Available in 12.0MP and 5.0MP models**
- Stream up to 12.0MP (4000 x 3000) at 25fps
- 5 image dewarp incl. ePTZ, panoramic and multiple split views; ceiling/wall/surface modes
- MicroSD slot, alarm & audio I/O, IK10 housing
- **12.0MP:** 1.98mm circular fisheye lens (360°), 10m 360° infrared, IP67/IK10, H.265, video analytics including face detection
- **5.0MP:** 1.42mm circular fisheye lens (360°), electronic day/night, H.264, IK10 only

VSIP12MPFEIRV2 (IK10/IP67, 12.0MP)   **VSIP5MPFE (IK10 only, 5.0MP)**

HD over coax made easy.

Take advantage of thousands of analogue upgrade jobs with amazing deals on 2.0MP, 4.0MP & 8.0MP HDCVI DVRs.

Professional HDCVI DVRs: Save on all Securview Victory Series professional HDCVI DVRs.

Take advantage of thousands of analogue upgrade jobs with Securview HDCVI DVRs

- Amaze with up to 20x D1 resolution
- Fast installs using existing coax cable
- Supports clients' existing cameras
- Easily perform multi-stage upgrades
- No downtime during transition
- Low cost upgrade path to Ultra HD
- Perfect for upgrades on a budget
- Removes any IP CCTV complexity

Analogue D1 (0.4MP)

5 x Analogue Resolution — Full HD 1080

9 x Analogue Resolution — 4.0 MEGAPIXEL

20 x Analogue Resolution — 4K ULTRA HD

Professional 2.0MP HDCVI DVRs

Full HD 1080

- Available in 4, 8 and 16 channel models
- Records 2.0MP (1920 x 1080) at 15fps
- HDCVI, HDTVI, AHD, analogue inputs via BNC
- Add IP inputs up to 5.0MP up to 96Mbps (16ch)
- SATA ports support 10TB HDDs; 1 x HDMI, 1 x VGA, alarm I/O, face detection, QR code config.

CVR4V6
(4CH, 1x SATA)

CVR8V6
(8CH, 2x SATA)

CVR16V6
(16CH, 2x SATA)

Professional 4.0MP HDCVI DVRs

4.0 MEGAPIXEL

- Available in 4, 8 and 16 channel models
- Records 4.0MP (2560 x 1440) at 15fps
- HDCVI or analogue input support via BNC
- Add IP inputs up to 5.0MP up to 96Mbps (16ch)
- SATA ports support 10TB HDDs, 1 x HDMI (up to 4K), 1 x VGA, face detection; QR code config.

CVR4PRO
(4CH, 2x SATA)

CVR8PRO
(8CH, 2x SATA)

CVR16PRO
(16CH, 2x SATA)

Professional 8.0MP HDCVI DVR

4K ULTRA HD

- 4K / 8.0MP video quality over coaxial cable
- 20x greater image resolution than D1 analogue
- Records 4K / 8.0MP (3840 x 2160) at 15fps
- 8 x HDCVI or analogue inputs via BNC
- Add 4 x IP inputs up to 8.0MP/48Mbps
- 2 x SATA up to 20TB, 1 x HDMI (up to 4K output), 1 x VGA, face detection & QR code config.

CVR8PROU
(8CH, 2x SATA)

Contact us: (02) 9671 6711 or sales@rhino.com.au • **Purchase online:** www.rhino.com.au • **All prices exclude GST**

Compact HDCVI Series: 1.0MP/720p Victory Synergy DVRs available in 8 and 16 channels.

1.0MP Synergy 1 x HDD

Watchguard™
Compact 8CH HDCVI DVR

- Records 1.0MP (1280 x 720) at 15fps
- HDCVI, HDTVI, AHD, analogue input support
- Add up to 2 x IP inputs up to 5.0MP
- 1 x SATA up to 4TB, 1 x HDMI/VGA, QR code

**CVR8EV3
(8CH, 720p)**

1.0MP Synergy 1 x HDD

Watchguard™
Compact 16CH HDCVI DVR

- Records 1.0MP (1280 x 720) at 15fps
- HDCVI, HDTVI, AHD, analogue input support
- Add up to 2 x IP inputs up to 5.0MP
- 1 x SATA up to 4TB, 1 x HDMI/VGA, QR code

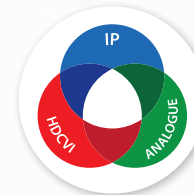**CVR16EV3
(16CH, 720p)**

Cross-Compatibility Guide
Easily identify which cameras support our high definition video over coaxial DVRs.
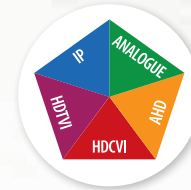
Victory Synergy
DVRs can accept:
- HDCVI, HDTVI, AHD or analogue inputs via rear BNC connection.
- IP inputs via external network infrastructure.

Victory Tribrid
DVRs can accept:
- HDCVI or analogue inputs via rear BNC connection.
- IP inputs via external network infrastructure.

Large Scale HDCVI DVRs: Professional Series 32CH and Ultimate Series 16CH systems.

2.0MP Synergy 8 x HDD · Full HD 1080

SECURVIEW VICTORY SERIES
Professional 32CH HDCVI DVR

- **Victory Synergy DVR with 2.0MP HDCVI support**
- Records 2.0MP (1920 x 1080) at 15fps
- 32 x HDCVI, HDTVI, AHD, analog input via BNC
- Substitute BNC for up to 32 x IP inputs up to 5.0MP/128Mbps
- 8 x SATA up to 80TB, eSATA, DVD burner (optional)
- 2 x HDMI outputs, 1 x VGA output, 1 x TV (BNC)
- 2 x RJ45 ports, eSATA, RS485/232, 16/1 audio I/O
- 16 channel alarm input / 6 channel relay output
- Face detection & remote view via QR code config.

**CVR32V3
(32CH, 2.0MP)**

4.0MP Synergy 8 x HDD · 4.0 MEGAPIXEL

SECURVIEW VICTORY SERIES
Ultimate 16CH HDCVI DVR

- **Victory Synergy DVR with 8.0MP/4.0MP HDCVI support**
- **Records 4K / 8.0MP (on channel 1 & 9 only) at 12fps**
- **Records 4.0MP (2560 x 1440) at 15fps**
- 16 x HDCVI, HDTVI, AHD, analog input via BNC
- Substitute BNC for up to 64 x IP inputs up to 12.0MP/256Mbps
- 8 x SATA up to 80TB, eSATA, DVD burner (optional)
- 2 x HDMI (1 x up to 4K output), 1 x VGA, 1 x TV (BNC)
- 2 x RJ45 ports, eSATA, RS485/232/422, 16/1 audio I/O
- 16 channel alarm input / 6 channel relay output
- Face detection, people counting & smart search

**CVR16ULT
(16CH, 4.0MP)**

HDCVI Encoder & Decoder: Extend HDCVI surveillance systems to displays over 300m.

Integration Overview

Output from DVR via HDMI — **HDCVI Encoder**

Extend display over coax up to 300m (1080p)

Output via HDMI/VGA/Composite — **HDCVI Decoder**
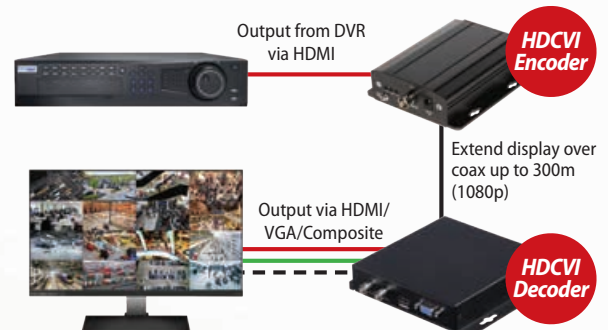
SECURVIEW VICTORY SERIES
HDCVI Encoder & Decoder

- Extend CCTV to spot monitors over coaxial cable; split to VGA, HDMI, composite & inline HDCVI
- HDCVI & HDMI feed to monitors over coax.

**VSCVIDECODER
(HDCVI to HDMI/VGA/Composite)**

**VSCVIENCODER
(HDMI to HDCVI)**

Analogue to Ultra HD.

A wide range of HDCVI camera models to help you create exceptional HD video over coax analogue CCTV upgrades.

SECURVIEW VICTORY SERIES   **Watchguard™**

Compact HDCVI Series: Affordable fixed lens surveillance available in 1.0MP and 2.0MP.

Watchguard™

Compact HDCVI Bullets

- Available in 1.0MP and 2.0MP
- 1080p Full HD 2.0MP (1920 x 1080)
- 720p HD 1.0MP (1280 x 720)
- 3.6mm fixed lens across the range
- IP67 weather resistant, metal body
- HDCVI/composite switchable
- 20m infrared range

VSCVI1MPFBIRV2
(1.0MP, 72° view)

VSCVI2MPFBIRV2
(2.0MP, 83° view)

IP67 All-metal 20m IR

IP67 All-metal 20m IR

HD 720P

Full HD 1080

Watchguard™

Compact HDCVI Domes

- Available in 1.0MP and 2.0MP
- 1080p Full HD 2.0MP (1920 x 1080)
- 720p HD 1.0MP (1280 x 720)
- 3.6mm fixed lens across the range
- IP67 weather resistant, metal body
- HDCVI/composite switchable
- 50m infrared range

VSCVI1MPDIRV4
(1.0MP, 72° view)

VSCVI2MPDIRV4
(2.0MP, 83° view)

IP67 All-metal 50m IR

IP67 All-metal 50m IR

HD 720P

Full HD 1080

Professional HDCVI Series: High performing fixed lens surveillance in 2.0MP and 4.0MP.

SECURVIEW VICTORY SERIES

Fixed Lens HDCVI Bullets

- Available in 2.0MP and 4.0MP
- Stream up to 4.0MP (2560 x 1440)
- Select models in 3.6mm & 2.8mm lens
- 40m infrared and true WDR (120dB)
- 2 x video outputs: HDCVI & composite
- Up to 700m transmission (RG59 coax)
- IP67 weather resistant, metal housing

2.0MP All-metal 40m IR

4.0MP All-metal 40m IR

Full HD 1080

4.0 MEGAPIXEL

VSCVI2MPFBIRV4
(2.0MP, 90° view)

VSCVI4MPFBIR / 2.8
(4.0MP, 79° / 100° view)

SECURVIEW VICTORY SERIES

Fixed Lens HDCVI Domes

- In 2.0MP and 4.0MP, in 2 dome styles
- Stream up to 4.0MP (2560 x 1440)
- Select models in 3.6mm & 2.8mm lens
- Up to 50m infrared and true WDR (120dB)
- 2 x video outputs: HDCVI & composite
- Up to 700m transmission (RG59 coax)
- IP67 weather rated; IK10 model available

2.0MP IK10 Rated 30m IR

4.0MP IK10 Rated 30m IR

4.0MP All-metal 50m IR

Full HD 1080

4.0 MEGAPIXEL

4.0 MEGAPIXEL

VSCVI2MPVDIRV2
(2.0MP, 90° view)

VSCVI4MPVDIR2.8
(4.0MP, 100° view)

VSCVI4MPDIR / 2.8
(4.0MP, 79° / 100° view)

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12   **Contact us:** (02) 9671 6711 or sales@rhino.com.au • **Purchase online:** www.rhino.com.au • **All prices exclude GST**

Professional HDCVI Series: Motorised varifocal lens surveillance in 2.0MP and 4.0MP.

SECURVIEW VICTORY SERIES

Motorised Lens HDCVI Bullets

- Available in 2.0MP and 4.0MP
- Stream up to 4.0MP (2560 x 1440)
- Motorised lens 2.7~12mm, fixed iris
- 60m infrared and true WDR (120dB)
- 2 x video outputs: HDCVI & composite
- Up to 700m transmission (RG59 coax)
- IP67 weather resistant, metal housing
- Dual power support: 12VDC or 24VAC

2.0MP Dual Power 60m IR — Full HD 1080

4.0MP Dual Power 60m IR — 4.0 MEGAPIXEL

VSCVI2MPFBIRMV2
(2.0MP, 99° ~ 37°)

VSCVI4MPFBIRM
(4.0MP, 98° ~ 26°)

SECURVIEW VICTORY SERIES

Motorised Lens HDCVI Domes

- In 2.0MP and 4.0MP, in 2 dome styles
- Stream up to 4.0MP (2560 x 1440)
- Motorised lens 2.7~12mm, fixed iris
- Up to 60m infrared and true WDR (120dB)
- 2 x video outputs: HDCVI & composite
- Up to 700m transmission (RG59 coax)
- IP67 weather rated; IK10 model available
- Dual power support: 12VDC or 24VAC

2.0MP Dual Power Low Light — Full HD 1080

4.0MP Dual Power 30m IR — 4.0 MEGAPIXEL

4.0MP Dual Power 60m IR — 4.0 MEGAPIXEL

VSCVI2MPVDIRMV3
(2.0MP, IK10)

VSCVI4MPVDIRM
(4.0MP, IK10)

VSCVI4MPVDIRME
(4.0MP)

Ultimate HDCVI Series: Low light & 4K / Ultra HD HDCVI surveillance in 2.0MP & 8.0MP.

SECURVIEW VICTORY SERIES

Ultra Low Light HDCVI Cameras

- **Large 1/2.8" CMOS sensor for light capture**
- **0.005 Lux at F1.4 min. colour illumination**
- Stream Full HD 2.0MP (1920 x 1080)
- 2.7~12mm motorised lens (95~36°), auto iris DC
- 2 x BNC video outputs: HDCVI & composite
- Infrared 100m (bullet) / 50m (dome), true WDR
- Audio interface & 1 / 1 alarm input / output
- Dual power support: 12VDC or 24VAC
- Up to 700m transmission (RG59 75-3 coax)
- On-camera zoom / focus adjustment
- IP67 rated metal housings; IK10 vandal dome

Full HD 1080

2.0MP Dual Power Low Light — Full HD 1080

VSCVI2MPFBIRM100M

VSCVI2MPVDIRM50M

SECURVIEW VICTORY SERIES

4K / 8.0MP HDCVI Cameras

- **Large 1/2" CMOS sensor for high resolution**
- **Stream Ultra HD / 8.0MP (3840 x 2160)**
- 3.7~11mm motorised lens (112~46°), auto iris DC
- 2 x BNC video outputs: HDCVI & composite
- Infrared 100m (bullet) / 50m (dome), true WDR
- Audio interface & 2 / 1 alarm input / output
- Dual power support: 12VDC or 24VAC
- Up to 700m transmission (RG59 75-3 coax)
- On-camera zoom / focus adjustment
- IP67 rated metal housings; IK10 vandal dome

4K ULTRA HD

8.0MP Dual Power Low Light — 4K ULTRA HD

VSCVI8MPFBIRM

VSCVI8MPVDIRM

Specialty HDCVI Series: High quality PTZ, Fisheye & Pinhole cameras for coaxial installs.

SECURVIEW VICTORY SERIES

NEW · WDR 30x Zoom Low Light · Full HD 1080 · 4.0 MEGAPIXEL

Ultimate HDCVI PTZ Dome

- **Available in 2.0MP and 4.0MP models**
- Endless 360° panning; -15~90° tilt range
- Alarm & audio I/O; HDCVI/comp switchable
- Up to 700m transmission (RG59 coax)
- IP66 rated metal body; incl. right angle kit
- **2.0MP:** Stream 2.0MP (1920 x 1080), 30x zoom (68°~2.4°), 150m IR, true WDR, Ultra low light colour (0.005lx at F1.6)
- **4.0MP:** Stream 4.0MP (2592 x 1520), 30x zoom (60°~2.2°), 100m IR, true WDR, 0.05lx low light performance

VSCVI2MPPTZIRV2 (2.0MP, 150m IR) **VSCVI4MPPTZIR** (4.0MP, 100m IR)

SECURVIEW VICTORY SERIES

NEW · WDR 25x Zoom Low Light · Full HD 1080 · 4.0 MEGAPIXEL

Professional HDCVI PTZ Dome

- **Available in 2.0MP and 4.0MP models**
- Endless 360° panning; -15~90° tilt range
- Alarm & audio I/O; HDCVI/comp switchable
- Up to 700m transmission (RG59 coax)
- IP66 rated metal body; incl. right angle kit
- **2.0MP:** Stream 2.0MP (1920 x 1080), 25x zoom (59°~2.4°), 150m IR, true WDR, Ultra low light (0.005lx at F1.6)
- **4.0MP:** Stream 4.0MP (2592 x 1520), 30x zoom (60°~2.2°), 100m IR, true WDR, 0.05lx low light performance

VSCVI2MPPTZIRBV2 (2.0MP, 25x zoom) **VSCVI4MPPTZIRB** (4.0MP, 30x zoom)

SECURVIEW VICTORY SERIES

4.0MP 360° View WDR · 4.0 MEGAPIXEL

HDCVI Fisheye Dome

- Stream up to 4.0MP (2560 x 1440)
- 1.18mm circular fisheye lens (360°)
- Electronic day/night; true WDR
- 2 x video outputs: HDCVI & composite
- Up to 700m transmission (RG59 coax)
- IK10 vandal resistant full metal housing

VSCVI4MPFE (4.0MP)

SECURVIEW VICTORY SERIES

NEW · 2.0MP Wide Angle Covert · Full HD 1080 · **NEW**

HDCVI Pinhole Cameras

- Stream up to 2.0MP, electronic day/night
- Strong low light colour <0.05lx@F2.0
- **PIR Cam:** 2.0MP camera, 2.8mm lens (100.5°), dual tech PIR sensor, digital WDR
- **Pinhole Cam:** 2.0MP camera, 3.6mm lens (92°), true WDR, compact design

VSCVI2MPPIRC (PIR + Camera) **VSCVI2MPPH3.6** (Pinhole Camera)

HDCVI Accessories: Create reliable analogue upgrades with the Securview Victory Series.

SECURVIEW VICTORY SERIES

UTC Video Output Controller

- Easily switch compatible cameras between coaxial transmission technologies without need for OSD or using HDCVI DVR / tester
- Simple plug and play operation, light up buttons
- Switch between HDCVI / HDTVI, AHD & analogue
- Use with most Watchguard HDCVI & Securview Victory Series HDCVI cameras with switchable video output
- 2 x AAA battery powered, batteries included

Easy In-line Use

VSSELECT101

SECURVIEW VICTORY SERIES

HDCVI Video Isolator

- Solve image interference caused by ground loops
- 75Ω BNC male to female
- 100MΩ insulation resistance
- 800V isolation voltage
- 600V ESD contact discharge
- 4KV 10/700us surge protection
- 400mm cable length

VSGLI

SECURVIEW VICTORY SERIES

Ethernet over Coax Extenders

NEW

- Extend Ethernet/Power from PoE switch over coax
- Range includes transmitter, receiver & converter
- Extend over coax up to 400m@100Mbps and up to 1000m@10Mbps (using RG59 coax)
  *Transmitter & receiver sold separately

NEW · *Extend Up to 1000m*

VSEOC-ATX (Transmitter) **VSEOCPAIRV2**
VSEOC-ARX (Receiver) **(2 x Converters)**

SECURVIEW VICTORY SERIES

HDCVI Balun Pair

- Transmit HDCVI or composite video over CAT5e or CAT6 Ethernet cable
- 400m@720p max.
- 250m@1080p max.
- UTP terminal block

VSBALHDP (Balun Pair)

SECURVIEW
1080p & 720p 10.1" LED Monitors

- **Display Securview Mobile Series surveillance cameras in native 1080p resolution**
- 10.1" LED monitors, ideal for mobile surveillance
- VGA, HDMI, composite, BNC & USB inputs
- Includes monitor stand, base & BNC display cable
- **LCD10FHD:** 1920 x 1200 resolution (16:10), 75x75 VESA support, 5ms delay, 12VDC/2A
- **LCD10SD:** 1280 x 800 resolution (16:10), 75x75 VESA support, 12ms delay, 12/24VDC/2A

**LCD10SD
(720p resolution)**

**LCD10FHD
(1080p resolution)**

NEW

**10.1"
75x75 VESA
4 Inputs**

Full HD 1080
HD 720P

4G, WiFi & VoIP

HUAWEI
4G Modem Router with WiFi

- Fast LTE CAT4 connections of up to 150Mbps*
- 4 x Gigabit (1000M) Ethernet ports for LAN/WAN
- 250m WiFi coverage, support for 32 devices
- 1 x USB printer/flash storage; 1 x RJ11 for VoIP
- 4G: FDD 700/900/1800/2100/2600; TDD 2300Mhz
- 3G UMTS B1/B8 1900/2100Mhz & GSM bands

**VSWAN4GHW
(4G SIM not incl.)**

Uninterruptible Power Supplies: Add install value & protect footage against power loss.

**2~6ms
1x 12V7Ah
2 Socket**

**2~6ms
2x 12V9Ah
4 Socket**

**0ms
2x 12V9Ah
3 Socket**

SECURVIEW
600VA Line Interactive UPS

- 360W / 600VA, 2 sockets, 0.6 power factor
- Rapid 2 ~ 6ms power transfer delay time
- 1 x 12V 7Ah battery, 15min backup (120W load)
- Protect against overload, over-charge, ESD; battery mode, low power & fault alarm alerts **UPS-A600-L**

SECURVIEW
1500VA Line Interactive UPS

- 900W / 1500VA, 4 sockets, 0.6 power factor
- Rapid 2 ~ 6ms power transfer delay time
- 2 x 12V 9Ah battery, 30min backup (120W load)
- Protect against overload, over-charge, ESD; battery mode, low power & fault alarm alerts **UPS-A1500-L**

SECURVIEW
1000VA Smart Online UPS

- 900W / 1000VA, 3 sockets, 0.9 power factor
- Instant 0ms power transfer delay time
- 2 x 12V 9Ah battery, 45min backup (120W load)
- Improved stability over line interactive models; warning alarm, overload/charge, ESD. **UPS-B1000-O**

Long Range Wireless: A variety of access points for high performance wireless networks.

Dual Band UniFi Indoor Access Point

- Simultaneous dual band antennas 2.4GHz / 5GHz
- Up to 183m range, 450Mbps (2.4GHz), 867Mbps (5GHz)
- Easily power access point via 24V passive PoE

5GHz PowerBeam Long Range Access Point

- High performance 27dBi 5GHz antenna, +25km range, passive PoE
- 10/100/1000M, 30° tilt adjustment, includes radome shield
- Ideal for long-range point-to-point/multi-point applications

5GHz LiteBeam & Nanostation Access Points

- Ideal for outdoor point-to-point/multi-point applications
- **LiteBeam:** 120° 16dBi 5GHz antenna with passive PoE (1000M)
- **NanoStation:** 43° 16dBi 5GHz antenna with passive PoE (100M)

**183m
2.4/5GHz
Indoors**

**25km
Long Range
5GHz**

**120°
Outdoors
5GHz**

**15km
Outdoors
5GHz**

**WT2-UAPACLR
(UniFi)**

**WT5-UPBAC5
(PowerBeam)**

**WT5-ULB
(LiteBeam)**

**WT5-UNS
(NanoStation)**

Smart. Safe. Secure.
Seagate Surveillance-Optimized Storage

Seagate SkyHawk™ Surveillance HDDs

- Available in 1TB, 2TB, 3TB, 4TB, 6TB 8TB and 10TB models
- Optimised for DVRs & NVRs, SkyHawk™ surveillance drives are tuned for 24x7 workloads in capacities up to 10TB.
- Equipped with enhanced ImagePerfect™ firmware, SkyHawk helps to minimise dropped frames and downtime with a workload rating 3x that of a desktop drive.
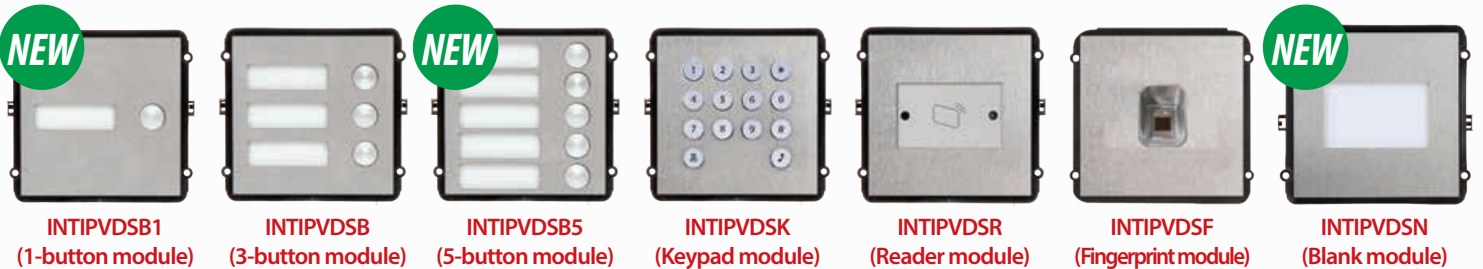
Scalable intercom systems.

From single dwelling to multi-tenant buildings & apartments, deliver professional results with VIP Vision IP intercoms.

Multi-tenant Series: Scalable, modular intercom systems for multi-dwelling buildings.

Multi-tenant IP Intercom Series

- **System calls individual monitors, ideal in duplexes, hotels, etc.**
- **Build systems from 1~20 door stations & 1~100 monitors**
- **Camera master module supplies power to the slave modules**
- Tailor systems with a range of intercom door station modules
- 1.0MP low-light door station camera with backlit name plate
- Access and configure modules through door station web interface
- Multiple button modules designed to fit a variety of applications
- Add multiple access options including keypad, card & biometric
- Compatible with residential monitors (INTIPMOND)
- Variety of surface and flush mount housing layouts

Add up to 100 Rooms

Unlock a 2nd Door

INTIPVDSC
(Camera Master Module)

Flush & surface mount kits from

INTIPDM (RS485 Door Expander)

NEW
INTIPVDSB1
(1-button module)

INTIPVDSB
(3-button module)

NEW
INTIPVDSB5
(5-button module)

INTIPVDSK
(Keypad module)

INTIPVDSR
(Reader module)

INTIPVDSF
(Fingerprint module)

NEW
INTIPVDSN
(Blank module)

Apartment Series: Large scale, SIP compatible intercom systems for project applications.

Do you have a large scale intercom project in the works? We can help.

NEW

Ask us about the **VIP Vision Apartment Series** range of IP intercom solutions, with SIP compatibility, central management and support for installations up to 1000 indoor monitors and 20 door stations.

Contact your sales representative or email:

projects@rhinoco.com.au

Contact us: (02) 9671 6711 or sales@rhino.com.au • **Purchase online:** www.rhino.com.au • **All prices exclude GST**

Residential Systems: Create residential intercoms with WiFi, PoE & remote view/unlock.

1.0MP WiFi / PoE 125° view

NEW

2.0MP IP65 / IK08 140° view

1.3MP IK07 / IP54 120° view

7" Panel WiFi & PoE Alarm I/O

WiFi IP Door Station

- 1.0MP low-light door station camera with 2.2mm fixed lens (125° view)
- Connect to monitor easily via WiFi
- Power via PoE; Ethernet adapter incl.
- IP65 rated weather (front glass only)
- Surface mount; matte black ABS
- 2 x door relays, 2 x alarm, 1 x RS485
- NFC card reader; easy operation

**INTIPRDSDB
(WiFi)**

WiFi IP65 IP Door Station

- 2.0MP low-light door station camera with 1.9mm fixed lens (140° view)
- Connect to monitor easily via WiFi
- Power via PoE; Ethernet adapter incl.
- IP65 rated weather (front glass only)
- Surface mount; aluminium body
- 1 x door relays, 2 x alarm, 1 x RS485
- 2 x buttons; NFC card reader

**INTIPDDS2
(WiFi, 2.0MP)**

IK07 IP Door Station

- 1.3MP low-light door station camera with 2.8mm fixed lens (120° view)
- IP54/IK07 weather/vandal resistant
- Surface mount rain-shield box incl.
- Optional flush mount box avail.
- 2 x door relays, 2 x alarm, 1 x RS485
- Easy single button operation
  * Does not support WiFi

**INTIPRDSVW
(Incl. rain shield box)**

WiFi Intercom Monitors

- 7" capacitive touchscreen intercom monitor (1024 x 600)
- Omni-direcitonal microphone Connect easily via WiFi or Ethernet
- Elegant gloss finish in white with silver trim or black with gold trim
- 6 alarm inputs & 1 output, 1x RS485
- Power via PoE or 12VDC

**INTIPMONDW (white)
INTIPMONDB (black)**

Residential Intercom Kit: IP monitor & door station with remote view ready to install.

Smartphone not included.

Monitor Available in Black

Connect via WiFi or Ethernet

Complete WiFi IP Intercom Kit

- WiFi support door station and intercom monitor for ease of installation
- Includes mounting bracket & connectors if cable installations is preferred
- Easily connect to existing networks; integrate multiple devices quickly
- Stylish & intuitive WiFi indoor intercom monitor, 7" capacitive touchscreen
- Up to 32GB storage via removable microSD slot on monitor

**INTIPRKITD
(Door station, white
monitor & 30m CAT5)**

**INTIPMONDW/B
(Additional monitor)**

2-Wire Intercom Systems: Upgrade to IP intercoms using existing 2-wire infrastructure.

Smartphone not included.

Includes Rain Shield Box

2-Wire Residential Intercom Systems

- Utilise existing 2-wire infrastructure to upgrade old intercoms or door bells
- 7" touch monitor & IK07 flush mount door station + 1.0MP low-light camera
- Add network controller: Connect to LAN/Internet for full system remote view, including live view, snapshots, remote unlock & more (PSU included)
- Integrates with most door strikes; 24V PSU included with network controller

**INTIPNC2W
(Network Controller)**

**INTIPRDSVW2W
(2-Wire Door Station)**

**INTIPMONFB2W
(2-Wire Monitor)**

ENSA™
Efficiency and security.

Our LED lighting range combines energy savings and security, enabling you to build well-lit, safe and sustainable spaces.

LED Flood Lighting: Incredible results with our range of flood lights from 20W to 960W.

110lm/W 20~200W NSW ESS

130lm/W 240~960W 5000K

NEW

ENSA™
LFL-B Series: Performance LED Floods

- In 20W, 30W, 50W, 70W, 100W, 150W and 200W models
- Exceptional luminous efficacy (+100lm/W), 50,000hrs lifespa
- Range is accepted for use in the NSW Energy Savings Scheme
- High performance in a slimline, aluminium, IP65 rated chassis
- Rectangular 100° beam angle and >80 colour rendering index
- In warm & cool white colour temperatures (3000K/5000K)
- Perfect for residential, commercial and industrial environments

LFL-B20-C/W (20W, 2200lm)	**LFL-B30-C/W** (30W, 3300lm)	**LFL-B50-C/W** (50W, 5500lm)	**LFL-B70-C/W** (70W, 7700lm)
LFL-B100-C/W (100W, 11000lm)	**LFL-B150-C/W** (150W, 16500lm)	**LFL-B200-C/W** (200W, 22000lm)	

ENSA™
LFL-D Series: High Power LED Floods

- In 240W, 360W, 480W, 720W and 960W models
- Exceptional luminous efficacy (+130lm/W), 50,000hrs lifespan
- Modular lighting elements with superior heatsink for thermal efficiency
- Rectangular 60° x 100° beam angle and >80 colour rendering index
- Available in cool white colour temperature (5000K)
- Ideal in large scale applications: sporting facilities, carparks, etc.
- Ask us about LED lighting simulation and project quote assistance

LFL-D240-C (240W 31,200lm)	**LFL-D360-C** (360W 46,800lm)	**LFL-D480-C** (480W 62,400lm)
LFL-D720-C (720W 93,600lm)	**LFL-D960-C** (960W 124,800lm)	

LED Sensor Flood Lighting: Energy efficient, passive infrared motion sensor lighting.

ENSA™
Motion Sensor LED Floods

- In 20W, 30W and 50W with PIR motion sensors
- Sensor flood detects motion in a 12m 140° arc
- Adjustable light sensing, motion sensitivity and on-time delay (5s ~ 5min) settings
- Excellent efficiency; 50,000hrs rated lifespan
- Wide 120° beam angle; in 5000K cool white only
- Metal IP65 rated weather resistant chassis
- Adjustable U-shape mount, 180° of motion

85lm/W PIR Sensor IP65
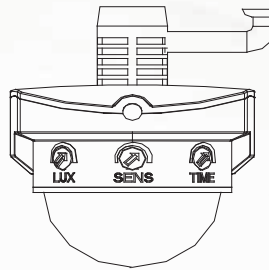
LFL-C20-CS (20W, 1700lm) **LFL-C30-CS** (30W, 2550lm) **LFL-C50-CS** (50W, 4250lm)

High Bay Lighting: Efficient industrial LED lighting for mounting up to 15m in height.

ENSA™
Professional LED High Bay Lighting

LHB-A Series (Traditional Style High Bay)
- In 120W or 200W, in standard or 0~10V driver*
- Accepted for use in NSW Energy Saving Scheme
- +100lm/W with >80 colour rendering index
- Exceptional 50,000hrs rated LED lifespan
- Available in 6500K cool white colour temperature
- 60° aluminium reflector, eyelet & 3-pin AC plug; IP20
  * 0~10V driver model optional, sold separately

LHB-C Series (UFO Style High Bay)
- Available in 100W, 150W or 200W models
- Incredible 130lm/W luminous efficacy, >80 CRI
- Exceptional 50,000hrs rated LED lifespan
- Compact design with IP65 weather rated body
- Available in 5500K cool white colour temperature
- 60° beam angle, metal eyelet and 3-pin AC plug

100lm/W 60° Beam NSW ESS

130lm/W 60° Beam UFO Style

NEW

LHB-A120-CW (120W, 12500lm) **LHB-A200-CW** (200W, 20000lm)

LHB-C100-C (100W 13,000lm) **LHB-C150-C** (150W 19,500lm) **LHB-C200-C** (200W 26,000lm)

Panel Lighting: Re-energise office spaces with low glare panel lights in 36W and 48W.

ENSA™
1200 x 300mm Low Glare LED Panel Lighting

- Low Unified Glare Rating for high productivity work lighting
- Range is accepted for use in the NSW Energy Savings Scheme
- High efficiency 90lm/W, in 6000K cool white colour temperature
- Wide 110° beam angle, high >80 CRI, 30,000hrs rated lifespan
- Recessed / T-bar compatible; avail. with surface or hanging mount
- Ideal for replacing twin fluorescent battens in troffers/tile ceilings

90lm/W Low Glare NSW ESS

LPL-A36-CW (36W, 3300lm) **LPL-A48-CW** (48W, 4300lm) **LPL-AH** (Hanging mount) **LPL-AS** (Surface mount)

LED Sensor Batten Lighting: IP65 weather rated battens in sensor & emergency models.

ENSA™

140° Microwave 90lm/W

S Series: IP65 LED Battens

- In 18W (1350lm) & 36W (3240lm) models
- Light & microwave motion sensor control light
- On/off mode only (100% -> 0% brightness)
- Set on-time duration & motion sensitivity
- Wide 140° beam angle, 50,000hrs LED lifespan
- IP65 rated weather resistant enclosure

LEDBT18WS (18W, 600mm)   **LEDBT36WS (36W,1200mm)**

ENSA™

Microwave 2-Stage Dim NSW ESS

S2 Series: IP65 LED Battens

- **Accepted for use in NSW Energy Saving Scheme**
- In 18W (1600lm) & 36W (3000lm) models
- Light & microwave motion sensor control light
- Adjustable 2 stage dim (100% -> Dim -> Off)
- Wide 120° beam angle, 35,000hrs LED lifespan
- IP65 rated weather resistant enclosure

LEDBT18WS2 (18W, 600mm)   **LEDBT36WS2 (36W,1200mm)**

ENSA™

Emergency 2-Stage Dim NSW ESS

SE Series: Emergency LED Battens

- **Accepted for use in NSW Energy Saving Scheme**
- In 18W (1600lm) & 36W (3000lm) models
- Light & microwave motion sensor control light
- 2hrs up-time backup battery, AS2293.3 app.
- Wide 120° beam angle, 35,000hrs LED lifespan
- IP65 rated, set on-time & motion sensitivity

LEDBT18WSE (18W, 600mm)   **LEDBT36WSE (36W,1200mm)**

LED Oyster Lighting: Smart oyster lighting in standard, sensor & emergency models.

ENSA™

Standard & Intelligent LED Oyster Lighting

- In standard, sensor, and sensor+battery backup models
- Models feature 120° beam angle & 30,000hrs rated lifespan
- Each model is available in cool & warm white colour temps.
- **Standard model:** 16W, 1200lm, no sensors or battery, features vandal and weather resistant IP66/IK10 body
- **Sensor model:** 16W, 1200lm, microwave motion sensor, on-time delay & daylight sensor, IP44 rated body
- **Sensor+Battery model:** 10W, 700lm, microwave motion sensor, on-time delay & daylight sensor, 1 x 7.2V 1800mAh NiMH battery, IP44 rated body
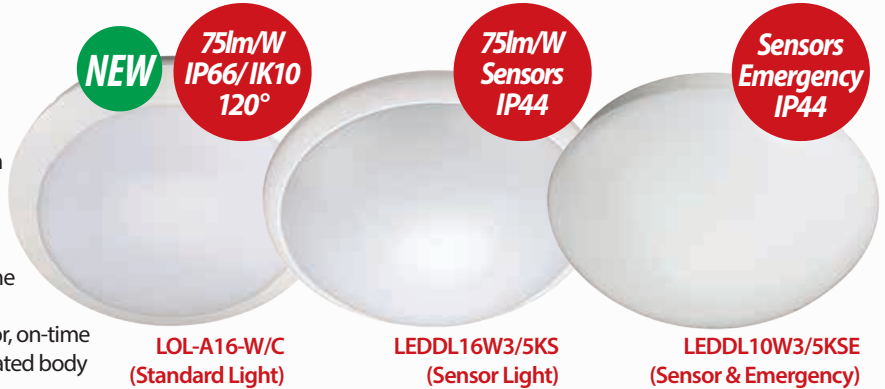
NEW

75lm/W IP66/IK10 120°

75lm/W Sensors IP44

Sensors Emergency IP44

LOL-A16-W/C (Standard Light)   **LEDDL16W3/5KS (Sensor Light)**   **LEDDL10W3/5KSE (Sensor & Emergency)**

Canopy Lighting: NSW ESS accepted lighting for garages, workshops & petrol stations.

ENSA™

Professional LED Canopy Lighting

- **Approved for use in the NSW Energy Saving Scheme**
- High efficiency +100lm/W, available in natural white 4500K
- 90° x 90° square beam angle for even light distribution
- 30,000 hours rated LED lifespan, <3% decay after 6,000hrs
- IP65 rated dust and weather resistant housing
- Canopy light includes kits for surface and recessed mounts:
  Surface housing: 320 x 320mm footprint
  Recessed housing: 400 x 400mm / Cutout: 320 x 320mm
- Ideal in garages, workshops & petrol stations

100lm/W NSW ESS IP65

LCL-B150-N (150W, 15500lm)

IDEAL FOR SHOPFITTING, PROJECTS & MORE

Shopfit Downlights: Wide range of fixed & adjustable LED downlights to fit any application.

ENSA
Adjustable Body Downlights

- Dimmable: 10W, 12W, 15W, 25W, 35W & 45W
- 3000K warm & 6000K cool white colour temp.
- Key lighting, focused beam angle 30° ~ 45°
- +70lm/W and 35,000 hours rated LED lifespan
- -20° ~ +20° lateral tilt, incl. driver & plug

LDL-BD10-AC/W (10W, Ø75mm cut)
LDL-BD12-AC/W (12W, Ø80mm cut)
LDL-BD15-AC/W (15W, Ø90mm cut)
LDL-BD25-AC/W (25W, Ø110mm cut)
LDL-BD35-AC/W (35W, Ø145mm cut)
LDL-BD45-AC/W (45W, Ø160mm cut)

Specialty Adjustable Body Downlights

- Dimmable 10W & 12W standard & deep recessed styles
- 3000K warm & 6000K cool white colour temperatures
- Deep recess hides LED array/glare in circle or ellipse hole
- +65lm/W and 35,000 hours rated LED lifespan
- -20° ~ +20° lateral tilt, incl. driver & plug

20° Beam Recessed Ellipse
LDL-BC10-AC1/W1 (10W, Ø80mm cut)
20° Beam Recessed Circle
LDL-BC10-AC2/W2 (10W, Ø80mm cut)
60° Beam Standard 65lm/W
LDL-BC12-AC/W (12W, Ø80mm cut)

Fixed Body Downlights

- Available in dimmable 9W, 15W, 20W & 30W models
- 3000K warm & 6000K cool white colour temperatures
- 95° (9W), 36° (15W), 75° (20W), 108° (30W) beam angles
- +70lm/W and 35,000 hours rated LED lifespan

LDL-BD9-FC/W (9W, Ø95mm cut)
LDL-BD15-FC/W (15W, Ø120mm cut)
LDL-BD20-FC/W (20W, Ø165mm cut)
LDL-BD30-FC/W (30W, Ø195mm cut)

LED Tube Lighting: Standard and sensor LED tubes for easy upgrade light installations.

ENSA
T8 Standard LED Tubes

- In 2ft (600mm), 4ft (1200mm) & 5ft (1500mm) models
- 100+lm/W efficacy, LED lifespan up to 30,000 hours
- Light weight, safe, full polycarbonate tube design
- Frosted diffuser for soft light eliminates LED glare
- Single ended AC input, incl. LED starter

100lm/W 2ft, 4ft, 5ft Retrofit
Includes LED Starter

LTU-A9-CW (9W, 900lm)
LTU-A18-CW (18W, 1800lm)
LTU-A22-CW (22W, 2200lm)

ENSA
T8 Motion Sensor LED Tubes

- Compound energy savings with LED sensor tubes
- Available in 2ft (600mm) and 4ft (1200mm) models
- 80+lm/W efficacy, LED lifespan up to 50,000 hours
- 8m radius PIR sensor, 120° beam angle, >80 CRI
- Light features 60 sec on-time delay after last detected motion, then dims to 30% brightness
- Single ended AC input, incl. LED starter

2ft & 4ft Microwave 30% Dim
Includes LED Starter

LTU-C9-CS (9W, 750lm)
LTU-C18-CS (18W, 1800lm)

Motion Sensor Switches: Add light sensing, motion sensing & on-time delay to any light.

ENSA Motion Sensor Switches

- Available in PIR, microwave & dusk/dawn switches
- Adjustable daylight sensing threshold, motion sensor sensitivity & on-time delay
- Available in IP65 rated models (ENSA-PS1 and ENSA-MS6)

12m 180° Arc PIR Detect
ENSA-PS1 (IP65, Wall mount)
4m x 20m Box PIR Detect
ENSA-PS2 (IP20, Corridor)
6m Radius PIR Detect
ENSA-PS3 (IP20, Recessed)
15m 180° Microwave Detect
ENSA-MS6 (IP65, Wall mount)
Ø16m Microwave Detect
ENSA-MS2 (IP20, Ceiling)
8m 180° Microwave Detect
ENSA-MS3 (IP44, Wall mount)
IP44 Dusk/Dawn
ENSA-LC1 (IP44, Wall clip)