

## RHINOCO TRADE SPECIALS WE ARE HERE TO SUPPORT YOU

CAMERAS - ALARMS - INTERCOMS - ACCESS - LIGHTING SOLAR - BATTERY STORAGE - DISPLAYS - ELECTRICAL













## Unbeatable offers for the professional installer



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RhinoCo Technology is your premier wholesale and distribution company, specialising in CCTV, security, alarms, lighting, electrical and battery systems.

We have branches located across Sydney for local pickups, and with fast Australia-wide shipping, RhinoCo always has you covered.

We are dedicated to your business' success and, by becoming a RhinoCo Technology customer, we promise to share our **over 45 years experience** to help you achieve that success.



### **RhinoCo Technology Locations:**

McGraths Hill Head Office & Support 9 Hannabus Place McGraths Hill, NSW 2756

Haberfield Showroom & Sales Office 223-225 Ramsay Street Haberfield, NSW 2045

**Guildford Showroom & Sales Office** 577 Woodville Road Guildford, NSW 2161

# Take advantage of our over 45 years experience

At RhinoCo, we will do whatever it takes to help you deliver incredible installations that earn you more and bring value to your business.

Leverage our 45 years of industry experience and let us show you how we can inspire your trade business.





#### The best Australian brands.

Succeed using our market leading Australian brands. Choose our well known, unique & protected brands to add value to your installations.









## Industry leading warranty.

RhinoCo backs our brands and products with a leading 4 year or greater warranty on our professional CCTV, alarm, access control and intercoms.





## Providing excellent support.

Save time and effort and get the answers you need with our Australian-based expert technical support team and detailed online knowledge base (Visit http://help.c5k.info).





We're ready to supply you with whatever you need. With our huge national distribution centre filled with stock and same day shipping Australia-wide, we'll make sure you always get what you need for your job.





## Same day shipping.

We ship nationally within one day from our distribution centre, with same day delivery for the Sydney Metro area.





## Same day trade approval.

Sign up with your ABN and relevant license(s) and we'll immediately set you up with a trade account and dedicated sales representative.

# Ready to supply you for your next installation





### Here to save you time.

Get to your next job or finish the day earlier - save time on your next install with pre-configured systems in CCTV, WiFi, intercoms, access control & more.





### Tools to help you succeed.

Leverage our marketing materials to support your quotes and win jobs - business cards, custom brochures, posters, demo stands & more.





### Unique winning solutions.

We custom engineer solutions to your creative installation problems to achieve a winning solution. Ask us how we can support you in your next project.





It is our mission to support and inspire your installation business.

Let us prove it to you.



## **Al Network Recorders**

## The latest NVRs with built-in AI functionality

Add amazing AI features to new installs and upgrade existing IP CCTV to AI



#### **NVR Powered Al**

Built-in NVR AI People & Vehicle Detection enables the NVR to perform any AI detection, saving cost by augmenting or completely removing the need for AI cameras.



#### FR as Standard

All Al NVRs now feature face database support and video-stream face detection/recognition, so even small CCTV implementations can utilise Face Recognition technology.



#### Al Quick Search

When paired with a Pro Al Series camera, your NVR enables footage search via clothing or vehicle colour when using Al motion detection. Zero in on all key playback events.



## Recorders for every job size



#### Compact Al Series 4 - 16 Channel NVRs

- Record beyond Ultra HD up to 16.0MP (4920 x 3264)
- Al human/vehicle motion detection by NVR up to 4 channels
- Al human/vehicle tripwire/intrusion by NVR up to 2 channels
- Al face recognition and Al face database up to 1 channel
- Supports ANPR and people counting cameras
- Decodes 4CH@4K/25fps, up to 256Mbps network bandwidth
- Up to 2 x SATA ports for up to 20TB HDD storage

**NVR4COM-I NVR8COM-I** (4CH, 4 PoE, 1 HDD) (8CH, 8 PoE, 1 HDD) (16CH, 16 PoE, 2 HDD)

NVR16COM-I

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Al People & Vehicle Detection

Al People & Vehicle

Detection

**Face Recognition** 



RRAN



#### Pro Al Series 8 - 64 Channel NVRs

- Record beyond Ultra HD up to 32.0MP (4920 x 3264)
- Al human/vehicle motion detection by NVR up to 8 channels
- Al human/vehicle tripwire/intrusion by NVR up to 4 channels
- Al face recognition & Al face database up to 2 channels
- Supports ANPR, fisheye dewarp\*, people counting cameras
- Decodes up to 8CH@4K/25fps, up to 384Mbps bandwidth
- Up to 8 x SATA (16TB/bay), ePoE, alarm I/O, HDMI/VGA, eSATA
- \*Some features differ for NVR8PRO-I, see datasheet for detail

**NVR8PRO-I** (8CH, 2 HDD, PoE)

NVR16PRO16P-I3 (16CH, 4 HDD, PoE)

NVR32PRO16P-I3 (32CH, 4 HDD, 16 PoE)

NVR32PRO-I3 (32CH, 4 HDD)

NVR64PRO-I3 (64CH, 8 HDD)

Face Recognition

Log in/Sign up to view price



#### Ultimate AI Series 64 & 128 Channel NVRs

- Record beyond Ultra HD up to 32.0MP (4920 x 3264)
- Al human/vehicle motion detection by NVR up to 32 channels
- Al human/vehicle tripwire/intrusion by NVR up to 24 channels
- Al face recognition & Al face database up to 4 channels
- Al video metadata (people and vehicle) up to 8 channels
- Decodes up to 8CH@4K/25fps, up to 1024Mbps bandwidth
- Supports ANPR, fisheye dewarp, people counting cameras
- 8 x SATA (16TB/bay), 2.5Gbps Ethernet, alarm I/O, eSATA, RS232
- 4 x HDMI, 2 x VGA with up to 4 multi-source display output

NVR64ULT-I (64CH, 8 HDD)

NVR128ULT-I (128CH, 8 HDD)





--- Watchguard ---

#### 4CH 6.0MP CCTV Kit (1TB, 4 Cams)

- 1 x 4CH NVR, 4 x PoE, 1 x HDD bay, 80Mbps
- 1 x Pre-installed 1TB SkyHawk surveillance HDD
- 4 x Turret cameras, 6.0MP@25fps, 2.8mm (103°), 30m infrared, full metal IP67 housing, PoE/12VDC

NVRKIT-L461-4C (4CH, 4CAM, 1TB)

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--- Watchguard ---

#### 8CH 6.0MP CCTV Kit (2TB, 4 Cams)

- 1 x 8CH NVR, 8 x PoE, 1 x HDD bay, 80Mbps
- 1 x Pre-installed 2TB SkyHawk surveillance HDD
- 4 x Turret cameras, 6.0MP@25fps, 2.8mm (103°), 30m infrared, full metal IP67 housing, PoE/12VDC

NVRKIT-L862-4C (8CH, 4CAM, 2TB)

#### --- Watchguard ---

#### 6.0MP L-Series **Turret Dome**

- 6.0MP@25fps (3072x2048)
- 30m infrared range
- 2.8mm lens (105°)
- Starlight, true WDR 120dB
- Tripwire/intrusion IVS rules
- IP67 rated metal chassis

**VSIPL-6DIRG** (6MP, 105°)

#### Compatible with:

- · VSBKTB204W right angle
- VSBKTA139 junction box

VSBKTB204W VSBKTA139



## Watchguard network CCTV available only while stocks last





#### Compact Series 4 - 16 Channels NVRs

- In 4, 8 and 16 channel systems, all channels PoE
- Support for up to 8.0MP / 4K camera resolution
- 1/2 x HDD bays with HDMI and VGA display outputs
- Support for AI cameras; IVS rules & motion detect
- 80Mbps inc. bandwidth; 128Mbps (NVR16COM)
- Decodes up to 2CH@4K/25fps, 4CH@4.0MP/25fps
- 1CH Audio I/O (RCA), alarm I/O (NVR16COM only)
- Quick configure phone/tablet remote view via QR code

NVR4COM3 (4CH, 4 PoE, 1 HDD) NVR8COM3 (8CH, 8 PoE, 1 HDD) NVR16COM3 (16CH, 16 PoE, 2 HDD)

6COM3

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4.0MP and 8.0MP IP surveillance cameras available only while stocks last







#### **Professional Series Bullet**

- 2.0MP@50fps (1920 x 1080)
- 60m infrared, 3.6mm lens (87°)
- Tripwire/intrusion video analytics
- Starlight, WDR, IP67 metal chassis

VSIPE2MPFBMINIIR

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(2MP, ePoE, 87°)



#### **Compact Series Bullet**

- 4.0MP@20fps, 8.0MP@15fps
- 30m infrared, 2.8mm lens (102°)
- Starlight, WDR, IP67 metal chassis
- Tripwire/intrusion video analytics

VSIPC-4BIRS2 VSIPC-8BIRS (4MP, 102°) (8MP, 105°)

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#### **Compact Series Turret**

- 8.0MP@15fps
- 30m infrared, 2.8mm lens (105°)
- Starlight, WDR, IP67 metal chassis
- Tripwire/intrusion video analytics

VSIPC-8DIRG2 (8MP, 105°)



## **Pro Al Series**







## The next generation in AI to drive your installs

Deliver amazing AI features with improved camera performance & image quality



#### Improved AI Detection

Up to 99% Al detection accuracy of people and vehicles when using Al motion detection or video rules. Al detects people up to 12m and vehicles up to 18m (2.8mm lens).



#### Al Scene Optimisation

Using deep learning algorithms, the camera will optimise in-camera settings such as WDR, exposure and brightness to automatically to deliver the best video evidence result.



#### Al Quick Search

When paired with an Al NVR, your camera enables rapid footage search via clothing or vehicle colour when using Al motion detection. Quickly zero in on all key playback events.

## Eliminate false alarms with **Al Person & Vehicle Detection**



## Huge range to suit whatever the job requires

18 different models in 4MP, 6MP and 8MP to cater to almost every installation



#### **VIP**

#### **Pro Al Series Fixed Lens Cameras**

- · Available in vandal dome, bullet or turret
- Next generation image quality & AI features
- 4.0/6.0/8.0MP@25fps, wide angle 2.8mm lens, up to 30m infrared, Starlight, microSD, WDR, IP67 weather rated (IK10 dome)

#### 4.0 Megapixel

VSIPP-4BIRG-I2 (Bullet) VSIPP-4DIRD-I2 (Dome) VSIPP-4DIRG-I2 (Turret)

#### 6.0 Megapixel

VSIPP-6BIRG-I2 (Bullet) VSIPP-6DIRD-I2 (Dome) VSIPP-6DIRG-I2 (Turret)

#### 8.0 Megapixel

VSIPP-8BIRG-I2 (Bullet) VSIPP-8DIRD-I2 (Dome) VSIPP-8DIRG-I2 (Turret) VSIPP-6DIRG-I2-IB (Black) VSIPP-8DIRG-I2-IB (Black)

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#### **Pro Al Series Varifocal Cameras**

- · Available in vandal dome, bullet or turret
- Next generation image quality & Al features
- 4.0/6.0/8.0MP@25fps, 2.7~13.5mm motorised varifocal lens, up to 60m infrared, Starlight, microSD, WDR, IP67 weather rated (IK10 dome)

#### 4.0 Megapixel

VSIPP-4BIRMG-I2 (Bullet) VSIPP-4DIRMD-I2 (Dome) VSIPP-4DIRMG-I2 (Turret)

#### 6.0 Megapixel

VSIPP-6BIRMG-I2 (Bullet) VSIPP-6DIRMD-I2 (Dome) VSIPP-6DIRMG-I2 (Turret)

#### 8.0 Megapixel

VSIPP-8BIRMG-I2 (Bullet) VSIPP-8DIRMD-I2 (Dome) VSIPP-8DIRMG-I2 (Turret)









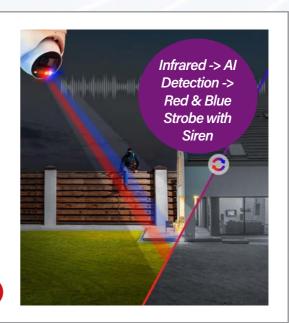


#### Pro Al Series Active Deterrence Turret Cameras

- New range in 6.0MP / 8.0MP with the latest Pro Al Series features
- Superior 24/7 colour low light performance and AI scene adaptive
- 30m infrared illumination for discreet operation pre-detection; White LED light can be customised for always-on or on-trigger
- Red/blue LED light & siren activates on Al people/vehicle detection
- Easy one-tap arming & disarming via phone/tablet application
- Customisable siren tones or voice messages play on trigger
- Speak remotely via the smartphone/tablet application
- Stream up to 6.0MP@25fps / 8.0MP@25fps, fixed lens 2.8mm (97°)
- Built-in dual mics and 1/1 alarm interface (input/output)
- MicroSD slot, H.265+, true WDR (120dB), IP67 weather rated

VSIPP-6DG-ID3 (6.0MP Turret)

VSIPP-8DG-ID3 (8.0MP Turret)







#### **Pro Al Series Panoramic Cameras**

- Single sensor with wide angle lens saves on panoramic cost
- 170° view by default, 180° with distortion control disabled
- Al people/vehicle detection via IVS & smart motion detection
- Stream 4.0MP@25fps (default), supports 5MP@20fps
- Wide angle infrared: 20m (bullet), 15m (dome)
- Starlight performance in low-light (colour 0.01lx@F2.0)
- H.265+, microSD slot, true WDR (120dB), SSA and ePTZ
- Built in mic (bullet & dome), 1/1 alarm & audio I/O
- Compact housing with IP67 rating (IK10, dome only)







#### **Ultimate Al Series Dual Lens Turret Camera**

- Combines infrared & visible light images for detail in low light scenes
- Combined images preserve colour detail where minimal light is available; infrared simultaneously reveals areas in complete darkness
- Al people & vehicle detection via motion or tripwire/intrusion rules
- Al people counting / flow control (supported by standard NVRs)
- Face Capture for up to 16CH face recognition with AI NVR\*
- 50m infrared illummination and customisable white LED light
- · White LED light can be customised for always-on or on-trigger
- Stream up to 4.0MP@25fps with fixed lens 2.8mm (97°)
- Built-in microphone and loudspeaker for two-way talking
- Extended Power Over Ethernet up to 800m cable run (@10Mbps)
- Alarm input/output, microSD slot, H.265+, IP67 weather rated

VSIPU-4DIRG-IM (4.0MP Dual Lens Turret)





Best in AI and image quality with the Ultimate AI Series





People Counting



Al People & Vehicle Detection



**Extended**PoE













**WVIP** 



#### VIP

#### **Ultimate Al Series Motorised Lens Cameras**

- Al people detection for people counting; flow control use
- People counting / flow control supported by standard NVRs
- Face Capture for additional face recognition with AI NVR\*
- Al people/vehicle detection via IVS & smart motion detection
- Stream up to 4.0MP/8.0MP@25fps, Infrared functions
- 1/1.18" sensor, auto iris (DC), True WDR (120dB), ePoE
- Alarm/audio I/O (excl. turret), MicroSD, IP67, IK10 (dome)
- Standard lens (2.7 ~ 12mm), zoom lens (8-32mm)
- \* Al NVRs required for face recognition functions

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VSIPU-4BIRM-I (4.0MP Bullet) VSIPU-4DIRM-I (4.0MP Dome) VSIPU-4DIRMG-I (4.0MP Turret)

VSIPU-4BIRM-IZ (4.0MP Zoom Bullet) VSIPU-4DIRM-IZ (4.0MP Zoom Dome)

> VSIPU-8BIRM-I2 (8.0MP Bullet) VSIPU-8DIRM-I2 (8.0MP Dome) VSIPU-8DIRMG-I (8.0MP Turret)



## **Professional AI and** PTZ features in a compact dome







Al People & Vehicle Detection



#### Pro Al Series 4.0MP Compact PTZ Dome

- Only Ø168 x 171mm; discreet size PTZ with great features
- Ideal for where larger sized PTZ would be undesirable
- 25x optical zoom, endless 360° panning and -5°~90° tilt
- Stream up to 4.0MP at 25fps, 5~125mm lens (53~3.3°)
- 6 x infrared illuminators for 100m maximum distance
- Al people & vehicle detection (motion; tripwire/intrusion)
- Trigger alerts and PTZ auto-tracking using AI detection
- Search playback by person and vehicle detection events
- Starlight performance in low-light (colour 0.005lx @ F1.6)
- 1/1 audio and 2/1 alarm interfaces (input/output)
- MicroSD slot, H.265+, true WDR (120dB), IP66 & IK10
- Metal backing plate for install; no back box required

VSIPPTZ-4IRC-I (4.0MP, 25x Zoom)

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NEW

## New recessed PTZ speed dome now with Al

High speed, 32x lossless zoom and 50fps - ideal in gaming, banking & more



#### Pro Al Series 2.0MP Recessed PTZ Dome

- 32x optical zoom, endless 360° panning and 0°~90° tilt
- Ultra fast 500% preset pan and tilt speed (350% manual)
- Stream up to 2.0MP at 50fps, 4.9~156mm lens (63~2.2°)
- Al face capture for use with face recognition Al NVRs
- Al people & vehicle detection (motion; tripwire/intrusion)
- Trigger alerts and PTZ auto-tracking using AI detection
- 1/1 audio and 2/1 alarm interfaces (input/output)
- MicroSD slot, H.265+, true WDR (120dB), IK10 rated

VSIPPTZ-2C-I (2.0MP, 32x Zoom)



## **Updated Pro Al Series PTZ** with superior performance





#### Pro Al Series PTZ Dome Cameras

- 25x and 32x optical zoom, endless 360° panning, -15°~90° tilt
- Al people & vehicle detection (tripwire and intrusion rules)
- Search playback by person and vehicle detection events
- Trigger alerts and PTZ auto-tracking using AI detection
- Stream up to 8.0MP at 25fps (4.0MP@25fps, 2.0MP@50fps)
- Starlight performance in low-light (colour 0.005lx@F1.35)
- LED infrared illumination system up to 150m IR distance
- 1/1 audio interface and 2/1 alarm interface (input/output)
- MicroSD slot, H.265+, true WDR (120dB), IP67 weather rated
- Incl. bracket for wall mount; ceiling drop mount sold separately

VSIPPTZ-2IRP-I (2.0MP, 25x Zoom)

VSIPPTZ-4IRP-I2 (4.0MP, 32x Zoom)

VSIPPTZ-8IRP-I2 (8.0MP, 25x Zoom)

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Al People

& Vehicle Detection











#### **Pro Al Series 2.0MP Positioning Camera**

- Endless 360° pan -90° ~ +90° tilt
- Stream Full HD 2.0MP@50fps
- 4.8 ~ 120mm lens (61~2.8°)
- Starlight; min. illumination 0.005lx,
- 150m distance LFD infrared
- Al human/vehicle detection via motion & tripwire/intrusion rules
- Trigger auto-tracking via Al events
- True WDR, audio/alarm I/O, IP67
- Junction box included, wall mount sold separately (VSBKTB730W)



VSIPPTZ-2IRW-I VSBKTB730W (2.0MP PTZ) (Wall mount)

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#### Pro Al Series 4.0MP Mini PTZ Dome

- 4.0MP@25fps; 2.8 ~ 12mm varifocal lens (97~32°)
- 4x optical zoom, 355° pan and  $5^{\circ} \sim +90^{\circ}$  tilt adjust.
- Al people & vehicle detection (motion & IVS rules)
- Starlight; min. illumination colour at 0.005lx
- 15m LED infrared, true WDR, audio I/O, PoE+
- MicroSD slot for edge recording up to 256GB
- IK08/IP66 rated housing, only Ø128mm x 65mm

VSIPPTZ-4IRM-I (4.0MP PTZ)





#### Ultimate AI Series 8.0MP 40x Zoom PTZ Dome

- Stream 8.0MP 4K Ultra HD (3840 x 2160) at 25fps
- 40x optical zoom, endless 360° panning, -30°~90° tilt
- Long range LED infrared up to 500m IR distance
- Starlight low light colour performance at 0.005lx@F1.35
- Al face capture & face recognition performed in-camera
- Al people & vehicle detection (motion; tripwire/intrusion)
- Search playback by person and vehicle detection events
- Trigger alerts and PTZ auto-tracking using AI detection
- Optical defogging and auto-sensing smart IR/lens wiper
- 1/1 audio, 2/1 alarm, 1 x RS485 and BNC analogue output
- MicroSD slot, H.265+, true WDR (120dB), IP67 weather rated
- Powered via Hi-PoE or included 36VDC power supply

VSIPPTZ-8IRU-I2 (8.0MP, 40x Zoom)

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### See AI PTZ Auto Tracking in action

Scan code to watch our video



## Specialty AI cameras with amazing functionality



#### Panorama Series 8.0MP AI Cameras

- 4 x 2.0MP 1/2.8" sensors; stream 4096 x 1800 at 25fps
- 30m range 180° infrared range & auto ICR day/night
- Al detect vehicle density & set vehicle count thresholds
- Al detection to identify people and vehicles
- Al detect crowds, set thresholds & map on heatmap
- H.265 high efficiency video compression support
- MicroSD card slot for edge recording up to 256GB
- Audio & alarm I/O, IP67 weather & IK10 vandal rated

VSIPPA-8BIR-I (Bullet) VSIPPA-8DIR-I (Dome)

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VSBKTA150-SG (Pole)



VSBKTB303W-SG (Wall)



#### Fisheye Series Al Dome Cameras

- Cover 360° day and night with a single camera
- Indoor 5.0MP & outdoor 12.0MP models (@25fps)
- Each model features 10m 360° infrared illumination
- Ceiling/floor/wall dewarp\* modes, ePTZ, ePanorama
- Al queue management & Al area people counting
- Built in mic, audio & alarm I/O, microSD slot
- IP67 and IK10 rated (12.0MP model only) \*Select NVRs support fisheye dewarping

VSIPFE-5IR-I (5.0MP)

VSIPFE-12IR-I (12.0MP)

Log in to view price



\*Dewarp NVRs: NVR8PRO7, 16PRO7, 24PRO6, 32PRO16P3, 32ULT, 64ULT



- -252: 2.0MP@25fps, 2.8mm (108°), 12VDC only, 31x31mm
- -4M/4L: 4.0MP@25fps, 2.8mm (101°), PoE, 8m cable

VSIPPH-2S2 (Square)

VSIPPH-4M + 4L (Lens & module)

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#### Al People Counting Camera

- Stereo 2 x 3.0MP for people counting
- Visualise with heatmap & export data
- 10m IR, built-in mic, true WDR, IP67

**VSIPDL-3IR** (Dual Lens)





#### Traffic Series Varifocal AI ANPR Bullet Cameras

- Available in standard and long-range varifocal lenses
- Capture number plates for vehicles going up to 30km/h
- Stream up to 4.0MP@25fps; superb low light at 0.002lx
- 3.2 ~ 10.5mm lens (standard), 10~55mm lens (long-range)
- Automatic number plate detection distance up to 30m
- White/blacklist control; automatically open gates via ANPR (optocoupler input/output for gate barrier control)
- · Identifies vehicle size, colour and travelling direction
- Supports shutter speed windowing; set min/max speed
- Edge enhancement for number plate detail and legibility
- IP67 weather rated housing; includes mounting bracket

VSIPNP-2BIRM-I2 (Standard, 2.0MP)

VSIPNP-4BIRM-IZ (Long-range, 4.0MP)

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#### Pro Solar Series 4.0MP 4G Bullet Camera

- Stream 4.0MP (2688 x 1520) at 25fps, 2.8mm lens (102°)
- 50m infrared LED range; 30m warm white LED light
- High-performance \*4G data module (suits all networks)
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 256GB \*4G SIM, data plan & microSD card sold separately
- PIR + camera detection reduces false detection alarms
- Built-in 5W monocrystalline solar & 10Ah Li-ion battery
- General mode: 24 hours (standard camera mode)
- **Sleep mode:** PIR sensing mode, up to 10 days uptime
- H.265 encoding for efficient storage & streaming
- IP67 weather rated housing for outdoor use

VSIPSLR-A41 (4.0MP 4G Camera)

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## See the 4G Solar Bullet in action

Scan code to watch our video





## **ENSA**

#### **Solar Powered Lighting & Battery Systems**

- Solar systems to power your next installation
- Pre-configured & ready for implementation
- Use for lighting, CCTV, WiFi, access & more
- High conversion rate monocrystalline panels
- Large capacity lithium batteries (LiFePO4)
- Fully adjustable LED lighting modules
- 180lm/W with microwave motion sensor
- 180im/w with microwave motion sensor
- Set parameters with included remoteOptional bird spike strip included
- optional bird spike strip included
- Ø50~60mm diameter pole mount



\*Pole/base not included with SSL-B units, sold separately

#### 56W Solar System

- 56W Monocrystalline Panel
- 218Wh LiFePO4 Battery
- 20W 180lm/W Area Light
- 145 x 75° Beam Angle
- 12.8VDC Output Voltage

#### SSL-B20MC

#### 80W Solar System

- 80W Monocrystalline Panel
- 320Wh LiFePO4 Battery
- 30W 180lm/W Area Light
- 145 x 75° Beam Angle
- 12.8VDC Output Voltage

SSL-B30MC

#### 120W Solar System

- 120W Monocrystalline Panel
- 500Wh LiFePO4 Battery
- 50W 180lm/W Area Light
- 145 x 100° Beam Angle
- 12.8VDC Output Voltage

#### SSL-B50MC

#### 180W Solar System

- 180W Monocrystalline Panel
- 120014 1:5 00 4 0 ...
- 1200Wh LiFePO4 Battery
- 60W 180lm/W Area Light
- 145 x 100° Beam Angle
- 25.6VDC Output Voltage

SSL-B60MC





#### Solar Powered CCTV Surveillance

- 120W & 180W Solar Systems + AI surveillance
- Fully configured and ready for installation
- Remote view via 4G\* or 5GHz wireless links
- 4.0MP IR PTZ included, other options available\*
- Surveillance grade microSD storage included
- 500Wh or 1200Wh high capacity batteries

\*SIM sold separately, camera changes may increase cost. Built pole & base delivery dependent on area, contact your sales rep for details.

SLR-B120-4G/4W SLR-B180-4G/4W (120W Panel, 4G/WiFi) (180W Panel, 4G/WiFi)

Log in to view price



#### **Hinged Pole & Base Kits**

- 4.5m hinged galvanised pole, no need for ladder or for working at heights
- Heavy duty, reinforced base 500kg, available assembled or unassembled

SLR-POL4.5H (4.5m pole)
SLR-POLBASE (Unassembled)
SLR-POLCONC(Assembled Base)







#### **Compact Series AI HDCVI DVRs**

- Face recognition up to 2 channels (via BNC only)
- Al person/vehicle detection via IVS (2CH) & SMD (8CH)
- Records 8.0MP@7fps, 5.0MP@12fps and 2.0MP@25fps
- Supports HDCVI, HDTVI, AHD, Analogue & IP inputs
- H.265 compression, HDMI/VGA, remote view

CVR8COM3 CVR16COM3 (8CH, 1 HDD) (16CH, 1 HDD)

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#### **Pro Series AI HDCVI DVRs**

- Face recognition up to 2 channels (via BNC only)
- Al person/vehicle detection via IVS (2CH) & SMD (8CH)
- Records 8.0MP@7fps, 5.0MP@12fps and 2.0MP@25fps
- Supports HDCVI, HDTVI, AHD, Analogue & IP inputs
- Up to 2 x HDD bays (20TB total), H.265, alarm I/O

CVR8PRO5 CVR16PRO5 (8CH, 2 HDD) (16CH, 2 HDD)



#### **Pro 2.0MP Fixed Lens HDCVI Cameras**

- 2.0MP, 2.8mm lens (109°), 30m infrared illumination
- 0.001lx colour, true WDR, HDCVI/AHD/TVI/SD switchable
- Built-in microphone, 12VDC, IP67 weather rated

VSCVI-2DIRG (Turret) VSCVI-2BIRG (Bullet)

Log in to view price



#### **Pro 2.0MP Motorised VF HDCVI Cameras**

- 2.0MP, 2.7~13.5mm (108° ~ 30°), up to 80m infrared
- 0.001lx colour, true WDR, HDCVI/AHD/TVI/SD switchable
- Built-in microphone, 12VDC/24VAC, IP67 (IK10 dome)

VSCVI-2DIRMD VSCVI-2BIRMG (Dome) (Bullet)

Log in to view price

## Cameras support dual power & interface with all coax DVRs



#### Pro 5.0MP Fixed Lens HDCVI Cameras

- 5.0MP, 2.8mm lens (111°), up to 30m infrared
- 0.001lx colour, true WDR, HDCVI/AHD/TVI/SD
- Audio I/O, 12VDC, IP67 (IK10 dome)

(Bullet)

VSCVI-5BIRG2 VSCVI-5DIR2.8D VSCVI-5DIRG2 (Dome)

(Turret)

Log in to view price





#### **Pro 5.0MP Motorised VF HDCVI Cameras**

- 5.0MP, 2.7~13.5mm (113°~31°), up to 80m IR
- 0.001lx colour, true WDR, HDCVI/AHD/TVI/SD
- Audio I/O, 12VDC/24VAC, IP67 (IK10 dome)

VSCVI-5BIRMG2 VSCVI-5DIRMD VSCVI-5DIRMG2 (Bullet) (Dome) (Turret)

Log in to view price





#### **Pro Series 8.0MP HDCVI Cameras**

- 8.0MP, 2.8mm (111°), 3.7~11mm (112~46°)
- Huge 1/2" sensor, ultra low light 0.005lx
- True WDR (120dB), 2D/3D DNR, (PIR detect)
- HDCVI/AHD/TVI/SD switchable, IP67, 12VDC

**VSCVI-8BIRG** (Bullet)

**VSCVI-8BIRP** (PIR Bullet)

**VSCVI-8DIRMG** (VF Turret)

Log in to view price





#### **Ultimate Series 8.0MP HDCVI Cameras**

- 8.0MP, 3.7 ~ 11mm (112°~46°), auto iris
- 0.005lx, 50m/100m IR (dome/bullet), true WDR
- Audio/alarm I/O, HDCVI/SD, 12VDC/24VAC
- On-camera zoom adjustment, IP67 (IK10 dome)

VSCVI8MPFBIRM VSCVI8MPVDIRM (Bullet) (Dome)





**Secure your CCTV** and alarm installs

with **SECCAB** 



\*Monitor & NVR sold separately





#### SECCAB: The all-in-one vertical security cabinet for CCTV & alarms installations

- Lockable wall mounted storage of CCTV & alarm systems
- Fit up to 24" monitor, with 50/75/100 VESA mounts\*
- Capacity: 2RU, 240~480mm width, 465mm depth
- Integrated 4 x outlet powerboard & 2 x cabinet locks
- Cable management knockouts from all cabinet sides
- SPCC steel construction and white powder coating
- Suits vertical port input monitors (HDMI adapter available)

**SECCAB** (2RU Cabinet)

## **FLASHVIEW**

Visual Sensation Delivered

Professional CCTV grade monitors and accessories



## FLASHVIEW Full HD CCTV Monitors

- Full HD 1080p (1920 x 1080)
- Made for 24/7 CCTV operation
- 1 x HDMI and 1 x VGA inputs
- VESA 75 (22") / 100 (24") mounts
- Vertical inputs for SECCAB LCDFL24G

LCDFL22G LCDFL24G (22" 1080p) (24" 1080p)

## FLASHVIEW 2-way 4K HDMI Splitter

- 1 x HDMI input, 2 x HDMI output
- Supports up to 4K Ultra HD & 3D
- Easy plug-and-play installation
- Includes 5VDC power supply

HDMI-SPL2P3 (HDMI Splitter)

## FLASHVIEW HDMI Extender Over CAT6

- Transmit HDMI via CAT6 up to 50m
- Supports up to Full HD 1080p & 3D
- Up to 225MHz/2.5Gps bandwidth
- Incl. 2 x 5VDC 1A PSUs

HDMI-EXT50M (HDMI over CAT6)

#### FLASHVIEW 4K Copper/Fibre HDMI Cables

4K@60Hz,18Gbps; also in easy-install cables



HDMI-1C (1m) HDMI-2C (2m) HDMI-5C (5m) HDMI-10C (10m)

HDMI-10F (Fibre, 10m) HDMI-20F (Fibre, 20m)



HDMI-10FC (Fibre, 10m) HDMI-20FC (Fibre, 20m) HDMI-30FC (Fibre, 30m) HDMI-50FC (Fibre, 50m) **Wall and Ceiling Monitor Brackets** 

LCDBKT-A15T (13~30" Wall Mount) LCDBKT-A30TS2 (17~42" Tilt & Swivel Wall Mount) LCDBKT-A50T2 (37-70" Television Wall Mount) LCDBKT-A35C (23 - 42" Tilt & Swivel Ceiling Mount)



**Centrally managed** systems with VIP

**Vision and DSS** 

Includes 256 Video Channel Licences







#### **VIP Vision Security Management Centre**

- DSS GUI makes large system management simple
- Centralised CCTV, access control & intercom management
- Set different access rights hierarchies per user/group
- Pre-activated 256 video channels, cost effective licensing
- Manage building access w/ RFID tag & fingerprint scan
- Event & alarm logging, searching, timestamp & overlay
- Create impressive live video walls displays
- Intelligent functions + ANPR, AI & face recognition
- PTZ control/tour, fisheye dewarp, audio, alarm, etc.
- Manual and automatic system backup/restore
- Built-in 1TB HDD supports 3x 2.5" HDDs for storage
- High reliability with hot standby & hot swapping HDDs

**NVR-SMC1** (1RU size)

Log in/Sign up to view price



### Manage combined systems:

**UP TO 256** VIDEO CHANNELS

**UPTO** 1000 INTERCOM DEVICES

\*Surveillance grade monitors sold separately to NVR-SMC1

## Deliver a great result & save time on your next installation



## We pre-install HDDs for you free of charge

Add microSD cards to your IP cameras for automatic network replenishment



#### **VIP Vision MicroSD Cards**

- Perfect for ANR & edge recording
- Available in 32, 64, 128 & 256GB
- UHS-I class 10 microSDHC
- 80MB/s read, 10MB/s write

VIPSD32GB VIPSD128GB VIPSD64GB VIPSD256GB



#### Seagate SkyHawk HDDs

- Surveillance grade built for 24/7 use
- Available in capacities up to 20TB
- Up to 550TB/year workload rating
- 1.5M hrs MTBF, 3 year warranty

Ask us about our best deals on Skyhawk HDDs



## Western Digital. Surveillance MicroSD Cards

- · Built for continuous data writing
- Ideal for edge recording applications
- Available in capacities up to 1TB
- · Can be rewritten over 1000 times

Ask us about our best deals on WD microSD cards

## Price match guarantee on CCTV storage

We strictly use & recommend CCTV grade storage - get the best deal from Rhino





NVD-A6 (6x HDMI)

NVD-A9 (9 x HDMI)

Log in to view price



#### **Network Video Decoders**

- Network-roaming decoder displays all video feeds
- Video wall splicing for up to 36 channels per monitor
- Split screen control with zoom/merge/roam/overlay
- Support for audio, alarm, two-way talk, RS232, RS485
- Fisheye dewarp & multi-video split display
- Manage via web browser or VIP Vision™ SmartPSS
- **NVD-A6:** Decode 8CH 4K / 32CH 1080p / 128CH D1
- **NVD-A9:** Decode 12CH 4K / 48CH 1080p / 144CH D1



#### Pro Network PTZ Keyboard

- RS232, RS485, USB, RJ45 connection
- Control PTZ and NVR/DVRs
- · Joystick, 3.2" LCD, presets keyboard

VSIPPTZKBV2

### SEGUAVAEN

#### **LED Infrared Illuminators**

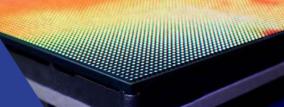
- Flood light style illuminators, IP66 rated
- Models with beam angle & range:
- 11W: 30° (90m) / 60° (50m) / 120° (20m)
- 28W: 30° (170m) / 60° (100m) / 120° (50m)
- 60W: 30° (280m) / 60° (150m) / 120° (75m)

All wattages

VSIR11W VSIR28W VSIR60W in 30/60/120°:



## Deliver a great result & save time on your next installation





#### **Passive HDCVI Baluns**

- Coax video signal over UTP
- Supports HDCVI/TVI/AHD signals
- 250m/400m range (1080p/720p)
- Supports CAT5/5e/CAT6 UTP



VSBALHDP (Balun pair)

VSABLHDP4 (4 Port)

VSABLHDP8 (8 Port)



#### **Ethernet over Coax Extenders**

- Data/Power (via PoE switch) over coax
- 400m@100Mbps, 1000m@10Mbps\*
- Combine converter pair and transmitter/receiver; (\*RG59 coax)



VSEOCPAIRV2 (Converter Pair)

VSEOC-ATX (Transmitter)

VSEOC-ARX (Receiver)



#### **HDCVI Output Controller**

- Switch compatible cameras between coax technologies without HDCVI DVR or tester
- Plug & play operation
- Switch between HDCVI, HDTVI, AHD & analogue
- Use with cameras with switchable video output
- 2 x AAA batteries included



VSSELECT101

Log in to view price



#### **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** 



#### **High Fidelity CCTV Microphones**

- 12VDC microphones for use with CCTV cameras
- Up to 150m<sup>2</sup> pickup range omni-directional
- Digital noise reduction and voice enhancement
- · Available in plastic or aluminium alloy housing

VSAMICA2 VSAMICB2 (Plastic) (Metal)

Log in to view price







--- Watchguard ---

#### **CCTV & Alarm Warning Signs**

- · Quality corflute signs & stickers for visual deterrence
- · Available in A3 (sign only) and A4 sizes
- VSCDSCS: Small stickers 100 x 130mm size

**Corflute Portrait Signs:** 

VSA24 (A4 size) VSA24A3 (A3 size) Warning Landscape Stickers:

VSCDSC (4 x A4 CCTV) VSCDSA (4 x A4 alarm)

VSCDSCS (4 x Small CCTV)



#### SECURVIEW

## 4G/WiFi In-Vehicle Surveillance and GPS Tracking System

- 1080p road-facing windscreen camera
- Separate B&W cabin camera (ext. lead available)
- Real-time, precision GPS tracking with set geofencing, event tracking playback
- Voice chat and live view video at any time from connected app; store via microSD card
- Driver behaviour live alerts for speed; g-sensor
- Manage multiple units and send device commands via smartphone app or PC
- Free lifetime licence for app & online platform
- Includes power harness, mounting kits, alarm button, relays & more

MDVR-J400 (SIM card, phone & SD card not included)

Log in to view price

The best in vehicle monitoring with **free** lifetime management platform access via PC or smartphone



## **Securview mobile CCTV for** your next vehicle installation





#### 4G / WiFi / GPS Mobile HDCVI DVR

- 8 channel DVR records 1080p / 2.0MP@25fps
- Built-in precision GPS for coordinates overlay
- 4G for remote view & WiFi for footage access
- 2 x 2.5" SATA HDD bays and SD card storage
- 6~36VDC, audio, alarm, RS485 and RS232 inputs
- Single DIN, vibration-dampening chassis
- Combine with HDCVI mobile cameras below

MCVR-GPS8GW (8CH, 2 HDD)

Log in to view price



M12 Camera Leads MCVR-CABLE3M (3m) MCVR-CABLE6M (6m)

MCVR-CABLE12M (12m) MCVR-CABLE18M (18m) MCVR-VGACABLE3M (0.3m, VGA)



#### 7" and 10" LCD Vehicle Monitors

- · Avail in 7" and 10" models
- HDMI/VGA/AV/BNC\* (\*excludes LCD7SD3)

12VDC input, incl. brackets LCD7SD3 (7" 480p)

LCD10SD3 (10" 720p) LCD10FHD (10" 1080p)



#### Mobile Wedge Dome

- 2.0MP@25fps, 2.8mm (111°) 20m IR, 0.005lx low light
- Auto day/night (IR cut)
- IP67 / IK10, M12 connector
- Optional shield bracket



VSCVI2MPVDIRFTV3 (Bumper Bullet) VSBKTA201W (Shield)



#### Mini Dome Camera

- Stream 2.0MP (1920x1080)
- 2.8mm lens (H: 101° view)
- Built-in mic & 20m infrared
- IP67 rated metal body
- Auto day/night (IR cut filter)
- Heavy duty M12 connector





#### **Bumper Camera**

- Stream 2.0MP (1920x1080)
- 2.8mm lens (H: 106° view).
- Built-in mic & 20m infrared
- IP67 rated metal body
- Auto day/night (IR cut filter)
- Heavy duty M12 connector

(Bumper)



#### Twin Dash Camera

- Stream 2.0MP@25fps **Rear:** 2.1mm (164° view) **Front:** 2.8mm (127° view)
- Built-in mic & 3m infrared
- Auto day/night (electronic)
- Adhesive adjustable mount

VSCVIM-2TT (Dash Cam)



#### **Bumper Bullet**

- Stream 2.0MP (1920x1080)
- 2.8mm lens (H: 106° view)
- Built-in mic & 20m infrared
- IP67 rated metal body
- Auto day/night (IR cut filter)
- Heavy duty M12 connector

VSCVIM-2BT (Bumper Bullet)

VSCVIM-2DIR (Mini Dome)



#### Rhino

#### Advanced Car Alarm & Immobiliser

- Top quality Australian Standards Approved car alarm
- Door, bonnet and boot protection
- Integrated central locking relays, keyless entry
- 1 x AU standards approved 3-point immobiliser
- 2 x Water resistant rolling code keyfobs
- 1 x Mini coded backup battery siren
- 1 x Intelligent glass break sensor

#### Rhino

#### **Two-point Keypad Immobiliser**

- 70% of vehicle thefts are due to stolen keys
- Code must be entered before ignition
- 3min lock after 3 incorrect attempts
- · Vehicle protection against key theft
- Automatic arm; less disruption to normal use
- High security all-black wiring harness
- Valet mode: temporary auto arming bypass

IM007

### Rhina

#### Heavy Duty Central Locking Kits & Door Motors

- Superior quality central locking kits, in 2 door and 4 door kits
- · High torque motors ideal for use with rigid door locking mechanisms
- Individual door locking motors & cable lock adapters available

**CLKHD** (4-door kit)

CLKHD2D (2-door kit) DLHD101

DLHD102

RAV3

**CLKHDCABLE** 

(Master motor) (Slave motor) (Lock adapter)

Log in to view price





## Mobile safety, GPS tracking, vehicle cameras & accessories



#### 4G GPS Vehicle Tracker

- GPS and 4G\* / GSM antennas
- for 11 ~ 36VDC vehicles
- Real-time speed & location tracking
- <200g lightweight, 105 x 65mm
- Online platform management including historical reports, visit www.rhinotracks.com.au



RHINOTRACKS-ST5 (\*SIM not incl.)







MDVR-HDV7

- 3" LCD, 1080p camera with WDR
- LED light, time/date/number plate footage overlay, incl. mount bracket, charge cables, 16GB microSD



#### 2.4GHz Reverse Kit

- Connects in seconds,
- 12m transmission distance
- 7" LCD, 2 AV channels
- 420TVL 2.8mm lens (120°)
- 30m infrared, IP67 rated
- 12V/24VDC, incl. remote



#### **Reversing Sensor Kit**

- Four sensor reverse kit
- 40KHz ultrasonic sensors
- 2.5m detect distance
- Includes siren, sensors, control box and hole saw
- 12VDC 20~200mA



#### 4.3"/7.0" LCD Monitors

- 4.3" (flip up display) & 7.0" (incl. stand),480 x 234 (16:9)
- Triggered on reverse
- 2/4 video inputs (4.3"/7.0")
- Includes mounting kits
- 12VDC power input

MSMON-4 (4.3") MSMON-7 (7.0")



#### **Relays & Pin Switches**

- 40A, 12VDC, 5 pin relay
- PINSW: metal pin switch, 5 x 65mm, screw adjust
- 409: 35x53mm straight
- 410: 45x60mm right angle 40ARELAY (Relay)

PINSW (Metal) PIN409 (Straight) PIN410 (Right angle)

**MSKIT-WRC** 

MSKIT-RV4

#### Vehicle safety and reversing assist cameras



Bracket/ flush (18mm), 400TVL, IP67

Flush (18mm), IP67

420TVL, 5m IR,



Bracket (28mm), 420TVL, 5m IR, IP67





MSCAM-S28



Number Plate camera, 420TVL, 5m IR, IP67

Bumper mount, 420TVL, 5m IR, mount, 420TVL, **IP68** 

Mini dome

5m IR, IP67



Mini dome with audio, 420TVL, 5m IR, IP67

MSCAM-B18

MSCAM-FI18

MSCAM-BI28

MSCAM-NPI

MSCAM-TI

MSCAM-MD

MSCAM-MDA

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Compatible for use with HDCVI mobile DVRs (requires connector change to M12 aviation connector).



Scalable IP intercom solutions perfect for apartments



#### **Apartment Series IP Door Station**

- 1/2.9" 2.0MP camera with wide 158° view angle
- · Dial to call each residence individually
- NFC card reader; access up to 10,000 cards
- Connect with intercom monitor(s) via network
- Backlit interface & night-time white light
- Power over Ethernet (12VDC, 802.3af)
- IP55/IK08 weather & vandal resistant front plate
- · Avail. with flush or surface box (sold separately)

INTIPADSD (Door Station)

Mounting Boxes
INTIPADSDFB (Flush)
INTIPADSDSB (Surface)



Connect up to 200 indoor monitors





## We can help with your next intercom project

Ask us about intercom pre-configuration to save you time on your next install



## Touchscreen IP Indoor Intercom Monitors

- 7"TFT capacitive touch screen (1024 x 600)
- Record and snapshot video calls/messages
- · Prevent unwanted calls with Do Not Disturb mode
- Alarm system integration, microSD storage\*
- Powered via PoE or 12VDC
  - \* Unit must be opened to access microSD slot, microSD card sold separately

Log in to view price







INTIPMONKB (Black)

# Intercom solutions for multiresidence buildings & duplexes





## VIP

## 2 Button Residential Door Stations

Calls monitor groups; call up to 10 monitors per button (20 total)

2.0MP wide camera (140°), NFC card unlock, PoE/12VDC, alarm I/O, RS485, aluminium chassis, surface mount

Add door expander to control a





## 4 Button Residential Door Stations

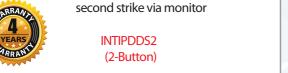
Calls monitor groups; call up to 10 monitors per button (40 total)

2.0MP wide camera (140°), NFC card unlock, PoE/12VDC, alarm I/O, RS485, aluminium chassis, surface mount

Add door expander to control a

Add door expander to control a second strike via monitor

INTIPDDS4 (4-Button)



# Intercom 2-wire upgrades and 4-wire replacement kits



Upgrade existing intercoms using existing 2-wire cabling, add remote view capability with network controller, 7"TFT capacitive touch-screen, add microSD 64GB, record / snapshot video calls/messages; door station includes surface box

INTIPMON2W2 (7" Monitor) INTIPRDSG (Door Station)

INTIPPOE2W2 (Network Controller)

Log in to view price



#### 4-Wire Intercom Kit

Quick replacement for 4 & 6 core systems. Slim door station, monitor, 12VDC PSU; Add up to 3 monitors \*Local only, no remote view possible

INTKIT-A1 INTKIT-A1-MON (Monitor, door (Additional station, PSU) monitor)



New PoE intercom kits to save you time and money









# Residential Complete IP Intercom Kit (J Series)

INTIPRKITJ2 (Complete Kit)

- Surface mount intercom kit with door station, monitor & switch
- 1 x 1MP intercom door station
- 1 x 7" black indoor monitor
- 1 x 4-port 100M PoE switch
- Remote view via devices/app







# Residential Complete IP Intercom Kit (G Series)

- Surface mount intercom kit with door station, monitor & switch
- 1 x 2MP intercom door station
- 1 x 7" white indoor monitor
- 1 x 4-port 100M PoE switch

INTIPRKITG-P (Complete Kit)





## **Door Unlock Module**

Unlock a 2nd door via RS485
 \*Cannot trigger independently

INTIPDM (Expander)

# Single residence IP door stations call up to 10 monitors





#### **G** Series Door Station

2.0MP (160°), 2-wire or Ethernet, 12VDC / PoE, alarm I/O, RS485, flush or surface mount (incl. surface), IP65 front panel

(2.0MP)

INTIPRDSGFB (Flush)



#### J Series Door Station

1.0MP (122°), 12VDC / PoE, alarm I/O, RS485, NFC card reader, surface mount, IP65 front panel

INTIPRDSJ (1.0MP)

Log in to view price



#### **D-Series Door Station**

2.0MP (158°), 12VDC / PoE, alarm I/O, RS485, NFC card reader, code keypad, flush or surface mount, IP65 front panel

INTIPRDSD (Door Station) INTIPADSDFB (Flush) INTIPADSDSB (Surface)



#### **IP PoE Indoor Monitors**

7" touchscreen (1024 x 600), PoE / 12VDC, microSD storage (inside unit, sold separately), alarm integration, flush wall bracket included

INTIPMONKW(White)
INTIPMONKB (Black)



#### **IP PoE Handset Monitors**

7" touchscreen (1024 x 600), wall or desktop mount, PoE/12VDC, microSD storage, flush wall bracket included

INTIPMONDWH2 (White)
INTIPMONDBH2 (Black)
INTIPMONDH-B (Desk mount)



## **VIP**

#### Residential & Apartment IP Monitor

7"TFT capacitive touchscreen (800 x 480 pixels), add microSD card for up to 32GB storage, record / snapshot video calls/messages; DND

INTIPMON (White)



## Residential IP PoE Large Indoor Monitor

10" TFT touch-screen (1024 x 600), wall mount, PoE / 12VDC, record & snapshot, microSD card storage

INTIPMONGBL (Black)







## **Professional & Compact IP Access Controllers**

- Quick-install, affordable access control in small to medium enterprise
- Available in 2-door 2-way, 4-door 1 & 2-way & 8-door 1-way controllers
- Access management & CCTV integration via free Smart PSS software
- Cascade up to 255 slave controllers for over 2000 total door capacity
- Configure users/roles & departments; up to 100,000 cards & 150,000 records
- Anti-passback, multi-door unlock, multi-card open, door time-out & more
- ACCON-2C41: Compact plastic body, 4 x readers, 9/5 input/output, 9~15VDC
- ACCON-2P22: Pro metal body, 4 x readers, 8/4 input/output, 240VAC
- ACCON-2P41: Pro metal body, 4 x readers, 9/5 input/output, 240VAC
- ACCON-2P42 & 2P81: Pro metal body, 8 x readers, 20/12 input/output, 240VAC

ACCON-2C41 (Com, 4-door 1-way)

ACCON-2P22 (Pro, 2-door 2-way)

ACCON-2P41 (Pro, 4-door 1-way)

ACCON-2P42 / 2P81 (Pro, 4-door 2-way) (Pro, 8-door 1-way)



#### **Access Control Readers**

- Professional card, keypad & fingerprint access readers, LED indicators & backlit buttons, tamper protection
- NFC card readers (13.56MHz), keypad code entry & fingerprint entry models



ACRDR-2PC ACRDR-2LKC2







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## Watchguard access: Perfect for standalone installations





## **Standalone Access Control Systems**

- 125KHz card & code access, setup via reader
- Door chime relay, tamper switch & vandal lockout
- Data I/O bus for multi-station systems
- Add up to 3 x slave ACRDR100 access readers
- Add split decoded controllers for additional security
- Units include 2 x access control key cards; 12VDC

## Split-Decoder for Standalone Systems

- Splits unlock signal from reader, prevents sabotage
- Terminals for alarm integration, 3 output relays
- Connect up to 3 keypads/readers; incl: 2 x keyfobs
- Power input: 12~24VDC auto-adjusting



ACRDR100 (IP55 rated)

1 2 3 4 5 6 7 8 9 0 **≜** # (P)

(IP55 rated)

E

B

9 6

\* #

(IP65 rated)

ACRDR101 (incl. 2 keyfobs)

\*125KHz cards

also available

Log in/Sign up to view price

## Watchquard Electric Strikes and Electromagnetic Door Locks



Steel body, mortise-mount, fail-secure, 12VDC

ACLOC100



Steel body, surface-mount, fail-secure. 12VDC

ACLOC101



Chrome body, surface-mount. fail-secure, 12VDC

ACLOC104



Stainless steel. mortise, failsafe/secure. monitored, 12VDC

ACLOC102



Stainless steel, mortise, failsafe/secure. monitored, 12/24V AC/DC

ACLOC105

\*MAGLOC brackets also available



Aluminium-zinc, surface-mount, fail-safe, 270kg holding force, 12V/24VDC

MAGLOC100S



Aluminium-zinc, mortise-mount. fail-safe, 270kg holding force, 12V/24VDC

MAGLOC100M

Log in/Sign up to view price





ACDSW100 ACDSW101 ACDSW102

#### --- Watchguard ---

#### **Door Release Switches**

- Door releases, 500,000 MTBF
- ACDSW100: Heavy duty, sandblasted aluminium, 3 outputs (N.O, N.C, COM)
- ACDSW101: Slim, stainless steel, 2 outputs (N.O, COM)
- ACDSW102: Touch button. aluminium, 3 output (N.O, N.C, COM), red/green status LEDs, adjustable output timer 1~40s

# --- Watchguard ---

## 13.56MHz RFID Card/Keyfobs

For VIP Vision Access Control systems Mifare NFC chip, read-only memory

> ACKEY103 (Card, 1pc)

ACKEY104 (Keyfob, 1pc)





## **Rackmount Managed Fast Hi-PoE Switches**

- Fast 100Mbps PoE+ Base-T device ports
- Gigabit 1000Mbps Base-T & SFP Base-X uplink ports
- L2 Managed switch for security & switch customisation
- 30W per port with 2 x 60W orange Hi-PoE ports
- Total PoE load: 240W (-SWA16), 360W (-SWA24)
- Rackmount tabs for cabinet mounting

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VSPOE-SWA16 (16 port, 2x SFP & RJ45 uplink)

VSPOE-SWA24

(24 port, 2x SFP & RJ45 uplink)







## Rackmount Managed Gigabit Hi-PoE Switches

- Gigabit 1000Mbps PoE+ Base-T device ports
- 2 x SFP Base-X uplink ports for fibre backbone
- 2 x Base-T (RJ45) uplink ports (VSPOE-SWB16G3 only)
- L2 Managed switch for security & switch customisation
- 30W per port; 2 x 60W orange Hi-PoE ports; 240W total (360W -SWC24)
- Rackmount tabs for cabinet mounting

VSPOE-SWB16G2 (16 port, 2x SFP uplink)

VSPOE-SWB16G3 (16 port, 2x SFP & RJ45 uplink)

VSPOE-SWC24

(24 port, 2x SFP uplink)

# PoE switches & accessories in 100M fast & 1000M gigabit





#### Fast Hi-PoE Switches

- 4 & 8 port fast switches 100M
- Supports DIN rail mounting
- 1000M RJ45 & SFP uplinks
- 30W load per port (60W HiPoE)
- Total 60W (-4H) / 96W (-8H)
- -30°~65°C operating temp.

VSPOF-SW4H VSPOE-SW8H (4 Port) (8 Port)

Log in to view price





#### Fast Hi-PoE Desktop Switches

- 4 & 8 port fast desktop switches 100M,
- 2 x RJ45 uplinks: 10/100M (-4F), 10/100/1000M (-8G)
- 30W per port (60W HiPoE); total 60W (-4F) / 96W (-8G)

VSPOE-SWA4F VSPOE-SWA8G (4 Port) (8 Port)





#### Gigabit Hi-PoE Switch

Desktop PoE switch, 1000M gigabit PoE ports, 30W per port & 1 x HiPoE port, 96W total

VSPOE-SWB8G (8 Port, 96W)





## **Gigabit Fibre PoE Switch**

4 x 1000M gigabit PoE ports, 4 x SFP fibre ports, 1000M uplink port, 30W per port & 1 x HiPoE port 90W

> VSETH-SW9GF2 (9 Port, 120W, SFP)



## Mini GBIC Fibre Adapters

LC connector single mode & multi-mode fibre adapters for use with switch SFP ports, supports OM1/2/3/4 (-MM1); SMF (-SM1)

> SFPMM1 (Multi-mode) SFPSM1 (Single-mode)



#### **Extended PoE Switch**

- Extends PoE up to 800m to supported ePoE cameras
- Extends to 300m@100Mbps and up to 800m at 10Mbps
- Total PoE load up to 120W
- 8 x 100M PoE device ports
- 30W/port, 2 x 60W HiPoE
- RJ45 & SFP 1000M uplinks
- DIN rail mountable
- -30°~65°C operating temp.



VSPOE-SW8E (8 port, ePoE)

Log in to view price



cameras up to 300m (<8W per cam) via 3 x PoE extenders PoE Injector: 30W PoE+, 1000Mbps, 240VAC

VSPOF-IN30 **VSPOF-MS VSPOF-FX** 

(Injector) (Midspan) (Extender)

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configured to save

Bridge or Point to Multi-Point



you time

#### Pre-Configured 5.8GHz Wireless AP Bridges

- · Point-to-point & point-to-multipoint applications
- · We program units for plug & play, saving you time
- 5.8GHz wireless access point, 900Mbps transfer speeds
- Up to 5km point-to-point range (LoS, H:60° / V:30°)
- PoE; pole & wall mount kits included; IP65 rated

LGAP300 (Single Unit) Pre-configured links at no extra charge LGAP300-PACKA LGAP300-PACKB

LGAP300-PACKA LGAP300-PACKB (2 x Wireless APs) (3 x Wireless APs)

Log in to view price



#### 2.4/5GHz Wireless AP

- · Build & extend WiFi access
- 2.4/5GHz antennas (1300Mbps)
- PoE; IP65 for outdoor use

LONGEVÎTY

#### **4G Wireless Access Point**

- · 4G LTE connection to wired & WiFi network
- 2 x 2.4GHz & 1 x 4GHz antennas
- 5VDC or PoE; SIM card/plan sold separately

LGAP100-4G (300Mbps, 4G)

LGAP200

(1300Mbps)

# WiFi & Ethernet accessories to integrate with surveillance





#### **5 Port Gigabit Switch**

- 1000M gigabit Ethernet switch
- · Unmanged switch plug & play
- 5VDC, -10~50°C working temp.

VSETH-SW5G2 (5 port)



#### 16 & 24 Port Gigabit Ethernet Switches

- 1000M gigabit Ethernet switches in professional full metal enclosure
- Unmanged switch, overvoltage protection up to 6kV
- 100~24VAC, includes rackmount tabs for cabinet mounting

VSETH-SW16G (16 port) VSETH-SW24G (24 port)

Log in to view price



## **Dual Band USB WiFi Adapter**

Connect your NVR to WiFi, 2.4GHz @ 400Mbps, 5GHz @ 867Mbps, 3.0 USB interface

WT-D1300 (Wifi Adapter)



#### 4G/WiFi Modem Router

- LTE CAT4 up to 150Mbps
- 4 x Gigabit (1000M) for LAN/WAN
- 250m WiFi coverage, 32 devices
- 1 x USB port; 1 x RJ11 for VolP
- 4G: FDD 700/900/1800/2100/2600
- 3G UMTS B1/B8 1900/2100Mhz

VSWAN4GHWI (4G SIM not incl.) ANTENNA3M(4G, SMA, 3m)



#### **UniFi Access Points**

- Dual-band, powered by PoE
- 5 GHz band, 2.4 GHz band
- U6LR: 3Gbps, long range
- NANOHD: 2Gbps, value model

WT5-U6LR (WiFi 6) WT5-UAPNANOHD



## **Bridge Access Points**

- 5GHz point to point solutions
- 2x2 MIMO technology
- ULB: 120°, 25dBm, 1000M
- UNS: 43°, 27dBm, 100M

WT5-ULB (Litebeam)
WT5-UNS (Nanostation)



#### PowerBeam AC Antenna

- Mechanical ±20° up/down tilt
- 5GHz, 25dBi gain, up to 450Mbps
- · Range >25km in ideal conditions
- · Includes radome shield

WT5-UPBAC52 (5.8GHz, 25dBi)



**Professional Electrical Supplies** 

Scalable energy storage with AVOL Genius systems

Hybrid inverter integrates with existing solar systems









@AVOL



## Genius Complete On/Off-grid Energy Storage System

- 5kW Hybird Inverter with LFP Battery
- Expand up to 20kWh battery storage
- Retrofit to existing solar power system\*
- Connect up to 4 battery modules
- Mobile app access anytime, anywhere
- Peak load shifting
- Battery priority
- Easy set-up and install
- AC/DC surge protection
- IP65 weather rated

\*Check with your sales representative for supported systems

## Find out more about AVOL Genius:



# Deliver battery storage to thousands of solar installs



Up to 20kWh battery storage



Premium CATL battery cells



Flexible & robust solar panels



Easy monitoring with phone app



Streamline modular design



New or retrofit with existing PV system



**©**AVOL<sup>™</sup>

#### **Genius 5 System**

- 1 x 5Wh LiFePO4 Battery
- 1 x 5kW Hybrid Inverter
- 5000W Output Power

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@AVOL

AVOL®

123

3,41 gw

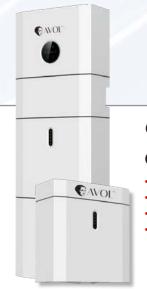
23.41 kWh

239.35

## **Genius 10 System**

- 2 x 5Wh LiFePO4 Battery
- 1 x 5kW Hybrid Inverter
- 1 x 10kW expander set
- 5000W Output Power

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**€**AVOL®

## **Genius 15 System**

- 3 x 5Wh LiFePO4 Battery
- 1 x 5kW Hybrid Inverter
- 1 x 15kW expander set
- 5000W Output Power

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€AVOL®

## **Genius 20 System**

- 4 x 5Wh LiFePO4 Battery
- 1 x 5kW Hybrid Inverter
- 1 x 20kW expander set
- 5000W Output Power









#### **UPS-C Series Line Interactive UPS**

- Power backup & protection for up to 4 AUS 3-Pin devices
- Alarm alerts for battery mode, faults and low power
- Line interactive UPS with simulated sinewave output
- Boost and buck AVR for voltage stabilisation
- Auto-voltage regulation, RJ45 passthrough protection

UPS-C1000-L (600W, 3 inputs)

UPS-C1500-L (900W, 4 inputs)



# Prevent footage loss and protect equipment



#### > socomec

#### PE Series Tower UPS - Step Wave

- · Line interactive uninterruptible power supply
- · Step wave, standard AU sockets, LED or LCD display
- Auto-voltage regulation, RJ45 over-voltage protection UPS650VA (360W, 2 inputs, 28min@72W)

UPS850VA (480W, 2 inputs, 26min@95W)

UPS1000VA (600W, 4 inputs, LCD, 44min@120W)

UPS1500VA (900W, 4 inputs, LCD, 32min@180W)

UPS2000VA (1200W, 4 inputs, LCD, 24min@240W)



#### > socomec

#### PR Series Tower UPS - Sine Wave

- Pure sine waveform for greater stability and compatibility
- Connect devices easily via IEC320 sockets
- AVR stabilises output voltage
- RJ45 protection against line overvoltage for LAN/ADSL

UPS1000VA-S (1000W, 4 inputs, LCD, 44min@120W) UPS1500VA-S (1500W, 4 inputs, LCD, 32min@180W) UPS2000VA-S (2000W, 4 inputs, LCD, 24min@240W)





#### PR Series Rackmount UPS - Sine Wave

- Line interactive uninterruptible power supply (2U size)
- Pure sinewave for greater stability & device compatibility
- IEC sockets (up to 8 x 10A, 1 x 16A), LCD info display
- Auto-voltage regulation, RJ45 over-voltage protection UPS1700VAXCRM (1350W, 8 input, 30min@270W)
   UPS2200VAXCRM (1800W, 8 input, 47min@360W)
   UPS3300VAXCRM (2700W, 9 input, 31min@540W)



## Compact Rackmount UPS - Sine Wave

- Online UPS for zero-delay power supply switching (2U)
- Pure sinewave for greater stability & device compatibility
- IEC sockets (up to 6 x 10A, LCD info display)
- Auto-voltage regulation, RJ45 over-voltage protection
- USB port & HID protocol interfacing with Windows PCs
- RS232 for PSU management & local/remote shutdown

UPS1100VA-ORM (900W, 6 input, 32min@180W)



#### --- Watchguard ---

# Complete Hardwired WGAP864 Alarm System

- 8 zone expandable up to 64 zones
- 8 partitions, up to 5 programmable outputs (expandable up to 25)
- · Dedicated panic zone
- · Monitored siren output
- Kit includes 864 panel, choice of white/black keypad, 12V7A backup battery, 3 x dual-tech PIRs, 2 x reed switches, outdoor siren/strobe, indoor piezo siren, 24VDC PSU
- Expand for more zones, app control, wireless TX/RX & more

WGAP864PACK (8 Zone Alarm Kit)



WGAP864PW2 (Panel + White Keypad): WGAP864KPW/B (White or Black Keypad): WGAP864EXP816 (8 zone expander, 8-16) WGAP864EXP1664 (8 zone expander, 16+) WGAP864WRX2 (2CH wireless RX & keyfobs) WGAP864WRX16V2 (16CH wireless RX)



#### WiFi / IP Module for 864

- 864 alarm control via HYYP app
- Support RJ45 or WiFi connection
- Arm, disarm, trigger outputs & more

WGAP864IPMW (Phone not incl.)









#### **Watchguard** Hardwired Siren and Strobes

- W24SIREN: Euro-style siren, 115dB piezo siren, blue strobe, tamper
- COS: Complete outdoor siren, AC/DC 115dB siren, tamper, strobe
- WGSIR-500: Polycarbonate, battery backup, 120dB, tamper, strobe, IP55 rated
- WGSIR-900: Polycarbonate, battery backup, 120dB, tamper, strobe, IP54 rated

W24SIREN

COS

WGSIR-500

WGSIR-900

Log in to view price

\*Internal sirens also available (flush & surface)

# Wide range of hardwired sensors to support your install



## Wide Angle & Curtain PIRs

- PIR detectors, 11m range, 84° beam
- Pet immune: Immune up to 20kg
- Curtain: Vertical beam up to 16.5m PIR-T45WP (Pet Immune)
   PIR-T46C (Curtain PIR)
   PIR-T4BKT (Bracket)



# Honeywell Smoke Detectors

- Photoelectric, 9V backup, NO/NC
- Interconnects up to 24 smoke alarms
- Certified to AS3786:2014 standard SMODET4-N (4-Wire)

#### Standalone Models

SMODET240V (Mains Power) SMODET9V1 (Wireless)



#### --- Watchguard ---

## **Heavy Duty Reed Switches**

- Heavy duty, install with up to 50mm gap, NC reed switch output, 10W rated, 250mm leads, zinc alloy
- 106 x 16 x 16mm dimensions

RSW-M1 (Grey) RSW-M1W (White) RSW-M1B (Brown)



## **Watchguard** Hardwired PIR Detectors

- PIRHDWT2: 15m PIR sensor, dual pyro, tamper, N.C, incl. brackets
- ALH-PIRMW: 15m PIR/microwave sensor, N.C, tamper, wall mount
- ALH-PIRGS: 15m PIR+glass/shock sensor, N.C, 10m glass break dist.
- ALH-PIR360: 360° N.C/N.O PIR sensor, Ø8m range (at 4.5m height)

PIRHWDT2

**ALH-PIRMW** 

**ALH-PIRGS** 

ALH-PIR360

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## **Watchguard** Hardwired Reed Switches and Accessories



N.C reed switch, 19mm gap, also in grey or brown

Compact white N.C wired reed switch

Large ROLA style N.C wired reed switch Concealed N.C/ N.O wired reed switch (white)

**DCRW** 

Heavy duty roller shutter door N.C wired reed switch

Supervised wireless reed switch for 864 panel, 100m LoS Door loops, stainless steel tube, metal box or plastic clip

RSW-P1 (White)

**DSRLW** 

DSRHDW2

DRSR

WGAP864WDCV2

DLW (plastic) DLB (metal)



# Watchguard Force wireless security for ease of operation





## Watchguard Force Wireless WiFi / 4G Alarm Pack

The perfect alarm solution for homes & small businesses. Receive real-time notifications, control and monitor the alarm system via the smartphone app when connected to WiFi

- 4G & Contact ID for back to base monitoring\*
- WiFi self monitoring via Smart Home app
- Quick config of wide range of alarm sensors
- · Reliable backup with 6 hours battery uptime
- Add up to 50 sensors, 10 remotes & 50 tags
- SMS power loss notifications\*
- Kit includes alarm hub, indoor PIR & bracket, reed switch, 2 x keyfob & 2 x RFID tags

ALL-PACK1 (WG Force Kit)

Log in to view price



## --- Watchguard ---

## Sensors & Accessories for Watchquard Force Alarms

Indoor PIR & Reed (-PIR1), Indoor PIR (-PIR2), Outdoor
 Wireless smoke detector (-SMD1), Outdoor
 Panic Button (-PNB1), Siren & Strobe (-SIR1), Indoor AC Siren (-SIR2)

ALL-PIR1 ALL-PIR2 ALL-PIR3 ALL-RSW1 ALL-RSW2 ALL-SMD1 ALL-SIR1 ALL-SIR2 ALC-PNB1 WGF-PTZC

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# Stylish LED Light Fixtures Designed and Made in Italy





## Round & Square LED Bollard Lights

• In grey/black models in different styles; 2700K/4000K/6500K switchable

Carlo (6W) FU-CAR-6G FU-CAR-6B Ester (10W) FU-EST-10G FU-EST-10B Pina (18W) (Black Only) FU-PIN-18B



## **In-ground LED Lights**

• IP67, shock resistant, black/grey

Ceci (6W) FU-CEC-6G FU-CEC-6B

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## Wallwashing LED Bulkhead Lights

• In grey/black models in different styles; 2700K/4000K/6500K switchable

Francy (6W)Lorenza (3W)Abram (3W)FU-FRA-6GFU-LOR-3GFU-ABR-3GFU-FRA-6BFU-LOR-3BFU-ABR-3B



## Wall Recessed LED Lights

IP55, shock resistant, black/grey

Nina (6W) FU-NIN-7G FU-NIN-7B





#### 40W Giorgio LED Area Lights

- 4800lm (120lm/W), 2700K/4000K/6500K
- Ø60mm mount, IP66, shock resistant
- 4 x GX53 LED bulbs
- Available in black or grey

Giorgio (40W)

FU-GIO-40G

FU-GIO-40B

Log in to view price



#### **Gino LED Area Lights**

- Available in 50W & 60W, 4000K
- Ø60mm, IP65, shock resistant
- 1 x E27 LED bulb
- Available in black or grey

Gino (50W)

FU-GIN-50G FU-GIN-50B

Gino (60W)

FU-GIN-60G

FU-GIN-60B



## 50W Vivi LED Hanging Light

- 5300lm (120lm/W), 4000K warm white
- Ø60mm mount, IP65, shock resistant
- E27 LED bulb
- Available in black or grey



## 50W Beppe LED Hanging Light Beppe (50W)

- 5300lm (120lm/W), 4000K warm white
- FU-BEP-50G FU-BEP-50B
- Ø60mm mount, IP65, shock resistant
- E27 LED bulb
- Available in black or grey

Log in to view price

Vivi (50W) FU-VIV-50G

FU-VIV-50B



Stylish, light metal poles & brackets for LED & CCTV







#### Febo & Ektor Light Poles

- · Italian modern design light poles
- · Ø60mm mount for lights & brackets
- Uses FumaTech® pole technology
- Poles incl. J-bolts & bolt template
- Available in black or grey colour
- Supports pilar & midipilar (right)



- Hot dip galvanised structural inner pole
- High density, rigid & durable PU expanse
- Rust-free, shock resistant, UV stabilised, self extinguishing resin outer pole



Febo (1m, Black Only) FU-FEB-1B Ektor (2.5m) FU-EKT-25G FU-EKT-25B Ektor (4m) FU-EKT-4G FU-EKT-4B Ektor (6m) FU-EKT-6G FU-EKT-6B

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## **Midipilar Pole Brackets**

470mm from pole, grey/black
 FU-MID-P1G / B (Single)
 FU-MID-P2G / B (Double)
 FU-MID-P3G / B (Triple)



610mm from pole, grey/black
 FU-PIL-P1G / B (Single)
 FU-PIL-P2G / B (Double)



## Midipilar Wall Brackets

420mm from wall, grey/black
 FU-MID-WG / B

#### **Pilar Wall Brackets**

650mm from wall, grey/black
 FU-PIL-WG / B



## **New Lot Light Base**

- Pedestal for surface or ceiling mount
- Ø60mm mount; grey/black colours

FU-NEW-G FU-NEW-B



## We can specify poles for your installation

Ask us about integrating CCTV or lighting to your Fumagalli poles or bases



## **ENSA**

## LFL-B2 Series Pro LED Flood Lights

- Superb 150lm/W luminous efficacy, >70 CRI
- Built with high performance Lumiled LEDs
- Wide 120° beam angle, circular light distribution
- 3000K/5000K warm/cool white colour temp.
- Outstanding 50,000hrs rated LED lifespan
- · Aluminium & toughened glass construction
- IP65 weather rated, 5 year warranty

#### Log in to view price

LFL-B20-W2 (20W, 3000K) LFL-B20-C2 (20W, 5000K)

LFL-B30-W2 (30W, 3000K) LFL-B30-C2 (30W, 5000K)

LFL-B50-W2 (50W, 3000K) LFL-B50-C2 (50W, 5000K)

LFL-B80-C2 (80W, 5000K)

LFL-B100-C2 (100W, 5000K)

LFL-B150-C2 (150W, 5000K)

LFL-B200-C2 (200W, 5000K)

## **ENSA**

## **LFL-C2 Series Sensor Flood Lights**

- 120lm/W luminous efficacy, >80 CRI
- Effective light distribution with 120° beam angle
- Adjustable PIR detection up to 12m with a 140° arc
- Adjustable on-time delay (5s ~ 5min)
- 5000K cool white, 35,000hrs rated LED lifespan
- · 180° adjustable U-bracket & PIR bracket for flexibility
- IP65 weather rated, 3 year warranty

LFL-C20-CS2-5 (20W, 2400lm) LFL-C30-CS2-5 (30W, 3600lm)

LFL-C50-CS2-5 (50W, 6000lm)





## Ask how we can assist you with your next project

Advice, resources and lighting simulations for your LED project submission

## **ENSA**

## **LFL-F Series High Power LED Floods**

- Available in 480W, 720W and 960W models
- Lumileds LEDs exceptional light output (+165lm/W)
- 60° beam angle, >80 CRI, 6500K cool white, IP66
- Customise lighting for large areas perfectly with 360° rotate & 140° tilt individually adjustable LED modules
- Ask us about lighting simulation & project assistance

LFL-F480-C LFL-F720-C LFL-F960-C (480W, 79,200lm) (720W, 118,800lm) (960W, 158,400lm)



# **ENSA**

**LED Lighting & Energy Saving** 

**Performance LED** lighting for your next project



## **ENSA**

#### LSL-B Series: LED Area/Street Lights

- Built in photocell models for dusk/dawn switching
- Available in 150W and 200W models
- Versatile mounting with 5 adjustable light brackets
- Slip fit, fixed/adjust pole, trunnion & yoke wall mounts
- 135lm/W, 5000K cool white, >70 CRI, 50,000hrs lifespan
- 155 x 85° beam angle, 1~10V / PWM dimmable
- IP66/IK08 weather/vandal rated, 20KV surge protection

LSI-B150-CP (150W, 20,250lm)

LSI-B200-CP (200W, 27,000lm)









LSL-BKTT (Trunnion)



LSL-BKTY100 (150W) LSL-BKTY200 (200W) (U-Wall Mount)



LSL-BKTP (Fixed Pole)



LSL-BKTA (Adjust. Pole)

## **ENSA**

## LFL-G2 Series: High Power LED Floods

- · Superb 160lm/W luminous efficacy, >80 CRI
- Available in 240W, 360W, 480W, 720W & 960W
- 180° adjustable U-bracket to direct luminaires
- Incredible 100,000hrs rated LED lifespan
- 5000K cool white colour temperature
- Wide 60°x100° beam angle models (30° optional)
- IP67 weather rated; ideal for sporting grounds

LFL-G240-C2 (240W, 38,400lm)

LFL-G360-C2 (360W, 57,600lm)



LFL-G480-C2 (480W, 81,600lm)

LFL-G720-C2 (720W, 115,200lm)

LFL-G960-C2 (960W, 153,600lm)

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# ENSA<sup>®</sup> LHB-D Series UFO High Bays

- Light-weight high bays in 100W, 150W & 200W
- 130lm/W, >80 CRI, 50,000hrs rated LED lifespan
- Compact IP66 weather rated body; metal eyelet
- 5700K cool white, 90° beam angle as standard
- Optional: 60° / 120° lenses; 180° U-bracket

LHB-D100-C (100W) LHB-D150-C (150W) LHB-D200-C (200W)

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## LHB-F Series: Food Grade High Bays

- Available in 100W, 150W or 200W models
- 135lm/W, >80 CRI, 50,000hrs rated LED lifespan
- IP69K rated for pressure cleaning in food prep facilities
- In 4000K & 5700K natural or cool white, 120° beam angle
- NSF, ETL, DLC, SAA, IPART, VEET certifications

LHB-F100-C/N (100W) LHB-F150-C/N (150W) LHB-F200-C/N (200W)

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Ø110 x 275mm (Tulip style, 40W, E27 or E40 base)

21 10 x 27 311111 (Tulip Style, 40 W, E27 OF E40 base)

LBL-D45-E27N (E27 only) Tulip:

LBL-D40-E27N LBL-D40-E40N

E27 Lamp Holders 1.5m



Round:

LHC-E27-15 (bare wire) LHC-E27-15P (inc. plug) Superb lighting performance, frosted for minimal glare

100W:

LBL-D100-E40C/N (cool/natural)

**160W:** LBL-D160-E40C/N

(cool/natural)



**LED Base Converters** 

E27P-E40L (E27 power to E40 light) E40P-E27L (E40 power to E27 light)

## **ENSA**

#### 2CH Mains Voltage 433.92MHz Receiver

- Remote control any 240VAC load up to 1000W
- 2 relay outputs (latched/timed), 100m RF range LoS
- Trigger via wireless alarm sensors, eg: PIR/reed switch\*
- · Add up to 128 remotes (2 remotes included)
- IP55 weather/dust rated, sheltered mounting

ENSA-RS1

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Remote control any 240VAC load



## **IP65 LED Sensor Batten Lights**

- 2ft/4ft models, microwave sensor, set on-time duration
- **S2/SE Series:** Adjustable 2 stage dim (100% -> Dim -> Off), +80lm/W,120° beam angle, 35,000hrs LED lifespan, IP65
- **SE Series:** 2hrs up-time backup battery, AS2293.3
- S Series: On/off mode only (100% -> Off), +75lm/W, 140° beam angle, 50,000 LED lifespan, IP65 rated

#### S2 - Sensor, SE - Sensor/Battery

LEDBT18WS2 (2ft, 18W) LEDBT36WS2 (4ft, 36W)

LEDBT18WSE (2ft, 18W)

LEDBT36WSE (4ft, 36W)

#### S - Sensor Batten

LEDBT18WS (2ft, 18W) LEDBT36WS (4ft, 36W)

Log in to view price

## **16W LED Oyster Light Series**

- In standard, sensor & sensor+battery backup
- 1200lm, 120° beam angle, 30,000hrs lifespan
- 3000K warm (-W) or 5000K cool (-C) colour temp.
- Frosted diffuser, IP66 & IK10 weather/vandal rated
- Sensor: Adjustable on-time delay / standby modes
- Battery: 3.7V 1500mAh NiMH >5hr uptime at 1.2W

(Standard)

LOL-A16-W/C LOL-A16-WS2/CS2 LOL-A16-WSE/CSE (Sensor Light)

(Sensor & Battery)

# **Commercial LED lighting for** new fitouts or LED upgrades





## **ENSA**

## **LPL-C Series LED Panel Lights**

- 40W, 4800lm (120lm/W), 110° beam angle
- 5000K cool white colour temperature
- Frosted diffuser, 3 different mounting options
- UGR <22, 300 x 1200mm hole cut size</li>

LPL-C40-C (40W, 4800lm) **Mounting Kits** LPL-C-S (Surface) LPL-C-R (Recessed)

LPL-C-H (Hanging)



## **ENSA** Intelligent Motion Sensor & Dusk/Dawn Switches



- 12m 180°
  - Corridors
- Wall mount
- PIR detection PIR detection IP20 rated IP65 rated
- **ENSA-PS1**
- 4m x 20m

**ENSA-PS2** 

- Ø6m 360° Recessed
  - PIR detection
  - IP20 rated
    - IP65 rated
    - **ENSA-PS3** 
      - **ENSA-PS4**

Ø20m 360°

· Ceiling mount

PIR detection

- Ø8m 360°
- Concealed
- Microwave
- · Indoor only
- **ENSA-MS1**
- Ø16m 360°
- Ceiling mount
- Microwave
- IP20 rated
  - **ENSA-MS2**
- 2 ~ 100 Lux • 5 ~ 50 Lux DIN rail/probe Wall clip
- Dusk/dawn Dusk/dawn
- IP65 rated IP65 rated

**ENSA-LC3 ENSA-LC1W** 

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## **ENSA**

## 18W PIR Sensor Tube Lights

- 4ft / 1200mm, T8 standard size
- 18W, 80lm/W, 120° beam angle
- 8m PIR motion detection
- 60s on-time, dims to 30% on standby
- Includes LED starter for upgrades

LTU-C18-CS (1800lm)



## 13.5W LED Linkable Cabinet Light

- 1050lm output, 3000K warm white
- · Connect up to 3 LED lights together
- 10 year rated lifespan (30,000hrs)
- Incl. end-to-end connectors, surface and right angle mounting clips

LFDBR13W3K (13.5W, 3000K)





## LHB-E Series LED High Bays

- High 100lm/W light output in 100W, 150W & 200W
- 90° beam angle, >80 colour rendering index
- 35,000hrs LED lifespan, 6000K cool white colour temp.
- IP65 rated rated, neat integrated driver design
- Pre-terminated 3-pin AC plug, mouting eyelet

LHB-E100-C (100W) LHB-E150-C (150W) LHB-E200-C (200W)

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 $AVOL^{M}$ 

## LSL-C Series LED Street Lights

- 110lm/W light output in 50W, 100W, 150W & 200W
- 90° x 130° beam angle, >80 colour rendering index
- 35,000hrs LED lifespan, 6000K cool white colour temp.
- IP65 rated rated, neat integrated driver design
- o il oo lated lated, fleat iliteglated dilver design
- Unterminated power; Ø62mm pole installation

LSL-C50-C (50W) LSL-C100-C (100W) LSL-C150-C (150W) LSL-C200-C (200W)







## **H Series LED Flood Lighting**

- · Available in 50W, 100W, 150W and 200W models
- 80lm/W, 6000K, 120° beam, IP66 rated, preterminated AC plug
- Sensor Flood (-CS): 12m arc PIR motion sensor, in 50W, IP65

LFL-H50-C LFL-H100-C LFL-H150-C LFL-H200-C (50W, 4000lm) (100W, 8000lm) (150W, 12000lm) (200W, 16000lm)

LFL-H50-CS (50W, Sensor)



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TPS-15TE100 (100m Drum)

1.5mm<sup>2</sup> Twin & Earth Flat TPS Cable



TPS-15TA100 (100m Drum)

1.5mm<sup>2</sup> Twin Active Flat TPS Cable



TPS-15SD100 (Red, 100m Drum)

1.5mm<sup>2</sup> SDI Cable



TPS-25TE100 (100m Drum)

2.5mm<sup>2</sup>Twin & Earth Flat TPS Cable



TPS-25TA100 (100m Drum)

2.5mm<sup>2</sup>Twin Active Flat TPS Cable



TPS-25SD100 (Red, 100m Drum)

2.5mm<sup>2</sup> SDI Cable

# Professional Electrical Supplies

# **New electrical range by AVOL**





#### **Three Phase Round Pin Plugs** (250V, 500V)

- 3,4 & 5 Round Pin
- Available from 10A 50A
- IP66 weather rated



#### **Angled Electrical Pin Plugs** (250V, 500V)

- 3,4 & 5 Round Pin
- Available from 10A 50A
- IP66 weather rated



(250V, 500V)

- 3, 4 & 5 Round Pin Sockets
- Available from 10A 50A
- IP66 weather rated





#### **Industrial Sockets**

- 3, 4 & 5 Round Pin, 3 Flat Pin Sockets
- Available from 10A-50A, IP66 rated



#### **Industrial Switch & Socket**

- Surface mounted sockets with hinged lids and rotary switch
- 3, 4 & 5 Round Pin, 3 Flat Pin Sockets
- · Available from 10A 50A, IP66 rated

Log in to view price



- 3 Flat Pin Plug & **Extension Socket (250V)**
- Available in 10A & 15A
- · IP66 weather rated



#### **Weather Resistant** Power Point (250V)

- · Available in single, double, and with extra switch
- IP53 rated



**©**AVOL<sup>™</sup>

#### 3 Pin Flat Appliance Inlet (250V)

- Available in 10A and 15A
- IP66 weather rated



#### **Round Pin Appliance Inlets** (250V, 500V)

- · Available in 3, 4 & 5 Round Pin
- Available from 10A 50A, IP66 rated

# **AVOL complete electrical &** comms conduit (AS/NZ2053)



#### Medium Duty Rigid Conduit (4m)

- · Telecom/Electrical, PVC-U material
- · Complies to AS/NZS 2053 standard
- In white or grey; 5 year warranty

CON100 (Ø20mm Grey) CON101 (Ø25mm Grey) CON102 (Ø32mm Grey) CON103 (Ø40mm Grey)

CON104 (Ø50mm Grey)

CON105 (Ø63mm Grey)

CON120 (Ø20mm White) CON121 (Ø25mm White) CON122 (Ø32mm White)

Heavy Duty for Solar Cabling CON161 (Ø25mm, Grey HD)





#### Orange Heavy Duty Rigid Conduit (4m)

PVC-U, AS/NZ2053, 5 year warranty

CON140 (Ø20mm)

CON141 (Ø25mm)

CON142 (Ø32mm)

CON143 (Ø40mm)

CON144 (Ø50mm)

CON145 (Ø63mm)



90° Sweep Bends, Solid Elbows, **Inspection Elbows & Tees** 

90° Sweep Bends Inspection Elbows



**HD & MD Corrugated Conduit** Bundle Lengths Ø20mm - Ø50mm

White MD (50m) Orange HD (25m) Grey HD Solar (Ø25mm, 25m)



1/2/3/4-way Junction Boxes & **Deep Junction Boxes** 

Junction boxes **Deep Junction boxes** 



Galvanised & Stainless Half Saddles, Plastic Saddles, Saddle Spacers

Galvanised Steel Half Saddles

Plastic Saddles Saddle Spacers

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Couplings, Reducers, Locating Flanges, Nylon & Extension Rings

**Conduit Couplings** Plain Conduit Reducers **Locating Flanges** 



Quick Fit & Surface Plug Bases, **Double Power Points** 

**Quick Fit Plugs** Surface Plug Bases **Double Power Points** 



Electrical Grid Plates (Blank, 1-6 Gang), 1-Gang Light Switch

**Electrical Grid Plates** 1-Gang Light Switches



Junction Boxes, Terminal Boxes, **C-clips & Terminal Blocks** 

Junction Boxes **Fixed Terminal Boxes** Single Terminal Block (50pcs)





# CAT5E UTP Cable 305m Pullbox

- 305m UTP CAT5e cable
- Blue sheath, Ø0.45mm
- Copper conductor

CAT5PFM920-B (CAT5, Blue)



# CAT6 UTP Cable 305m Pullbox

- 305m UTP CAT6 cable
- Blue sheath, Ø0.53mm
- Copper conductor

CAT6-B531 (CAT6, Blue)

# Cable rolls for alarm, CCTV and access control installs



D6CC2 (6-Core)

Watchguard 100m Figure 8 Cable Rolls

White, blue or red/black

DF8C (14/0.20, white) DF8C2 (24/0.20, blue) DF8C4RB (24/0.20, R/B) DF8C4W (24/0.20, W) DF8C3 (48/0.20, R/B)



#### SECURITEM

D6CC (6-Core)

#### 100m Power/Coax Cable

- 100% copper conductor; 95% braiding; 75Ω RG59 coax cable
- 24/0.20mm figure 8 cable

DCOAXPWR24FCBP (100m roll)



## 200m 6-Core Access Cable

#### 2001110 COIC / ICCC33 Cabic

- Shielded cable for access control
- 6-core 7/0.20mm, tinned copper
- Aluminium foil shielded, grey PVC

AC200G (200m roll)



#### SECURVIEW

#### 200m Combo Access Cable

- Figure 8/4/6/6-core combo cable
- 24/0.2 (fig.8), 7/0.2 shielded (6-core), 14/0.2 (4-core), 14/0.2 (6-core)

Available in wide range of colours

Log in to view price

APAC200G (200m roll)



#### SECURVIEW

# Combined Power and 4K BNC Video Lead

- · Preterminated; for HDCVI CCTV
- Combine 2pcs for 60m@4K

VIDPWR30RG59



#### **SEGUENTEM**

#### **CAT5/6 Pre-terminated Leads**

• CAT5E and CAT6 patch leads in variety of colours

Ask us about custom colour patch leads in CAT5 or CAT6

CAT5E Leads (Blue)

NETCABLE20-Z (20m) NETCABLE30-Z (30m)

#### **CAT6 Patch Leads (Various Colours)**

NETCABLE025X6 (0.25m) NETCABLE050X6 (0.50m)

# We have the power supplies to suit your alarm or CCTV job





#### **Heavy Duty CCTV PSUs**

- 18 individually fused outputs; compact metal case
- Thermal cutoff, short circuit, high voltage & over current

PS12VDC10A18CHB (12VDC 10A output) PS24VAC10A18CH (24VAC 10A output)



## **DIN Rail Adjustable Voltage PSUs**

- 12VDC 7.5A and 24VDC 4A models; 88~264VAC input
- Current limiting on overload, auto-shutdown on over voltage/temperature; free air convection cooling

PSDR12V7A2 (12VDC 7.5A) PSDR24V4A2 (24VDC 4.0A)

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## Rhino

#### 4 Port 12VDC PSU

- Isolated power outputs
- 4 x 12VDC at 0.7A outputs
- 100~240VAC input voltage
- 4 x DC plug terminated

PS12VDC700-4



#### SECURVIEW

#### 4 Channel 12V PSU

- 4CH 12VDC 5A supply
- Adjustable output 12~13.8V
- 100~240VAC input voltage
- High voltage & overcurrent protection

PS12V5A4CH





#### 12VDC PSUs

• 2A and 5A models

PS2000SM (2A) PS5000SM (5A)



#### **12VDC Lead Acid Batteries**

- Available in 7A and 1.2A
- · Sealed lead acid batteries

D12V7A D12V1.2A

#### SECURVIEW

#### **DC Power Converters**

- Convert DC 12V~24V or 24V~12V
- Wide input and stable output voltage
- 18~35V to 12V; 11~16V to 24V
- Overcurrent & overvoltage protection
- IP68, anti-vibration, dustproof

VSPOWCONVERTER1 (12 to 24V) VSPOWCONVERTER2 (24 to 12V)



#### SECURVIEW

#### **Leads & Connectors**

- BNC, Power and RJ45 plugs and cable connectors
- Contact us for our full range and bulk pricing



DC4CHLOOM (4-way DC splitter)
DC5CHLOOM (5-way DC splitter)
DC8CHLOOM (8-way DC splitter)
VSDCPFTB/MTB (DC to Term. block)
VSFBNCTWIST (BNC twist connect.)
VSFBNC59 (RG59 BNC connector)



# Superb WiFi air conditioning with 6 year warranty

World's largest residential AC manufacturer





#### **Inverter WiFi Air Conditioner Systems**

- Manufacturer 6-year parts and labour warranty
- Full inverter air con systems with indoor & outdoor unit
- Ideal for homes, offices and small businesses
- Up to 7.1kW cooling & heating; air flow up to 361L/sec
- Control via WiFi for iOS/Android (local IR remote incl.)

AC4200-(I/O) (2.5kW, 175L/s) (5.2kW, 236L/s)

AC4204-(I/O)

AC4206-(I/O) (7.1kW, 361L/s)



#### **Pre-insulated Pair Coil**

- Available in 3 gauges
- Pre-insulated pair coil
- · 410A rated; 20m rolls

ACA-PC01 (1/4 ~ 3/8", 6.35 ~ 9.53mm) ACA-PC02 (1/4~1/2", 6.35~12.70mm)





#### **AC Unit Wall Mounts**

- Bracket for outdoor units
- Adjustable feet and position
- -WB01: 450 x 350 x 700mm
- -WB02: 550 x 450 x 850mm

ACA-WB01 (120kg rated) ACA-WB02 (150kg rated)



Log in to view price

ACA-PC03 (1/4~ 5/8", 6.35 ~ 15.88mm)



**DUCAC100DT** (2m length duct)

> 100CC (Ceiling cap) 100CJ (Cover joint) 100FE (Flat elbow) 100FJ (Flex joint) 100TJ (Tee joint) 100VE (Vertical elbow) 100WC (Wall corner)

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