

QUARTERLY PRODUCT GUIDE

OCTOBER TO DECEMBER
2023





Pre-engineered end-to-end surveillance solution to ensure data security, system performance, and seamless integration between products.

Made in **KOREA**



NDA
Compliant

IDIS SOLUTION SUITE®

MODULAR & SCALABLE
Next Generation Video Management



WHY IDIS SOLUTION SUITE?



Performance

Performance

IDIS Solution Suite supports 4K live and record at 30FPS up to 1,024 channels.



Easy Installation

Easy Installation

IDIS Solution Suite enables true plug-and-play installation with IDIS' proprietary dynamic domain name service.



Reliability

Reliability

Based on IDIS' proprietary multimedia file system, iBankDB, IDIS Solution Suite supports stable multi-channel video recording and outstanding searching performance.



Usability

Usability

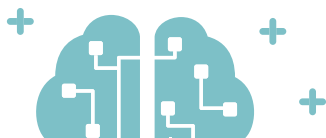
IDIS Solution Suite features an intuitive GUI that lets you operate surveillance and analytics quickly and efficiently.



Scalability

Scalability

IDIS Solution Suite is infinitely scalable and futureproof, allowing users to adopt an unlimited number of services, add any number of devices, and manage and monitor an unrestricted number of sites from one unified solution.



IDIS EDGE AI CAMERAS



Live Monitoring

High Accuracy Event Triggers



Object Detection



Intrusion



Line Crossing



Loitering



Face Detection



Meta Data

IDIS Instant Meta Filtering

Object Search



Count Search




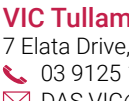





Combination Search



WE HAVE THE LARGEST SECURITY DISTRIBUTION NETWORK IN AUSTRALIA.

Our team is made up of the most highly certified and knowledgeable people, meaning the service you receive from DAS is second to none. Whether you need technical assistance to scope and design solutions for your customers, or you're looking for the fastest order turnaround in the industry, the DAS team is your reliable, helpful and safe pair of hands.

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DAS Technical Training
Interested in up-skilling? Our team of technical training experts have years of experience offering technical training courses designed to up-skill you to meet all industry standards. See page 110 for more information.

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A stylized map of the United States with 11 red circular markers numbered 1 through 11, indicating product locations. The text "QUARTERLY PRODUCT GUIDE" is centered at the top of the map.

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OUR PRODUCT PARTNERS

INTRUSION



ACCESS CONTROL



INTERCOMS



SURVEILLANCE



ACCESSORIES



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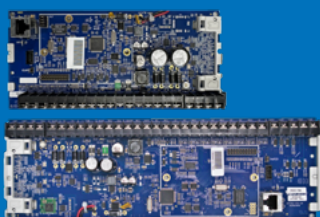
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The information contained in this catalogue has been compiled with the utmost care and attention to detail. However, despite our best efforts, it is possible that errors or omissions may occur. Therefore, the information in this catalogue should not be relied upon as being completely accurate or up-to-date. Please double-check any important information before making decisions based on it.



INTRUSION DETECTION



Reliance XR Series by Aritech

SECURITY LITERALLY MADE SIMPLE

As part of the UltraSync family of intrusion panels, the Aritech Reliance XR series offers a new standard for scalability, flexibility and backwards compatibility, enabling professional security installers to leverage a single platform for new installs as well as upgrading legacy installations with the latest technologies.

Aritech Reliance / Panel Kits / **XR**



DAS RELIANCE XR KIT1 PCB, 5AMP, PLUG PACK

RELIANCE-XR-K1

- Kit Contains;
- 1 x NXX-4-W-AU
- 1 x PS-1250, 1 x T1615DAS



DAS RELIANCE XR KIT2 PCB, XR TOUCH, OPTEX FLIP-X(3), COMBO SIREN, TH-PIEZO, 5AMP, PP

RELIANCE-XR-K2

- 1 x NXX-4-W-AU, 1 x 206140, 3 x 50441
- 1 x 206162 1 x WP08
- 1 x PS-1250, 1 x T1615DAS



DAS RELIANCE XR KIT2 PCB, XR TOUCH, GUARDALL GP15(3), COMBO SIREN, TH-PIEZO, 5AMP, PP

RELIANCE-XR-K2-1

- 1 x NXX-4-W-AU, 1 x 206140, 3 x GP15
- 1 x 206162 1 x WP08
- 1 x PS-1250, 1 x T1615DAS



DAS RELIANCE XR KIT2 PCB, XR TOUCH, OPTEX FLIP-X(3), COMBO SIREN, R-PIEZO, 5AMP, PP

RELIANCE-XR-K2-2

- 1 x NXX-4-W-AU, 1 x 206140, 3 x 50441
- 1 x 206162 1 x WP05
- 1 x PS-1250, 1 x T1615DAS



DAS RELIANCE XR KIT2 PCB, XR TOUCH, GUARDALL GP15(3), COMBO SIREN, R-PIEZO, 5AMP, PP

RELIANCE-XR-K2-3

- 1 x NXX-4-W-AU, 1 x 206140, 3 x GP15
- 1 x 206162 1 x WP05
- 1 x PS-1250, 1 x T1615DAS



DAS RELIANCE XR KIT3 PCB, NX-1830, OPTEX FLIP-X(3), COMBO SIREN, TH-PIEZO, 5AMP, PP

RELIANCE-XR-K3

- 1 x NXX-4-W-AU, 1 x NXG-1830-EUR, 3 x 50441 (NXG-1830-EUR available early 2024)
- 1 x 206162 1 x WP08
- 1 x PS-1250, 1 x T1615DAS



DAS RELIANCE XR KIT3 PCB, NX-1830, GUARDALL GP15(3), COMBO SIREN, TH-PIEZO, 5AMP, PP

RELIANCE-XR-K3-1

- 1 x NXX-4-W-AU, 1 x NXG-1830-EUR, 3 x GP15 (NXG-1830-EUR available early 2024)
- 1 x 206162 1 x WP08
- 1 x PS-1250, 1 x T1615DAS



DAS RELIANCE XR KIT3 PCB, NX-1830, OPTEX FLIP-X(3), COMBO SIREN, R-PIEZO, 5AMP, PP

RELIANCE-XR-K3-2

- 1 x NXX-4-W-AU, 1 x NXG-1830-EUR, 3 x 50441 (NXG-1830-EUR available early 2024)
- 1 x 206162 1 x WP05
- 1 x PS-1250, 1 x T1615DAS



DAS RELIANCE XR KIT3 PCB, NX-1830, GUARDALL GP15(3), COMBO SIREN, R-PIEZO, 5AMP, PP

RELIANCE-XR-K3-3

- 1 x NXX-4-W-AU, 1 x NXG-1830-EUR, 3 x GP15 (NXG-1830-EUR available early 2024)
- 1 x 206162 1 x WP05
- 1 x PS-1250, 1 x T1615DAS



Aritech Reliance / Panel Kits / **XRPro**



DAS RELIANCE XRPRO KIT1 PCB, 7AMP, PLUG PACK

RELIANCE-XRPRO-K1

- 1 x NXX-8-WZ-AU, PS-1270
- 1 x T1615DAS



DAS RELIANCE XRPRO KIT2 PCB, XR TOUCH, OPTEX FLIP-X(3), COMBO SIREN, TH-PIEZO, 7AMP, PP

RELIANCE-XRPRO-K2

- 1 x NXX-8-WZ-AU, 1 x 206140, 3 x 50441
- 1 x 206162 1 x WP08
- 1 x PS-1270, 1 x T1615DAS



DAS RELIANCE XRPRO KIT2 PCB, XR TOUCH, GUARDALL GP15(3), COMBO SIREN, TH-PIEZO, 7AMP, PP

RELIANCE-XRPRO-K2-1

- 1 x NXX-8-WZ-AU, 1 x 206140, 3 x GP15
- 1 x 206162 1 x WP08
- 1 x PS-1270, 1 x T1615DAS



DAS RELIANCE XRPRO KIT2 PCB, XR TOUCH, OPTEX FLIP-X(3), COMBO SIREN, R-PIEZO, 7AMP, PP

RELIANCE-XRPRO-K2-2

- 1 x NXX-8-WZ-AU, 1 x 206140, 3 x 50441
- 1 x 206162 1 x WP05
- 1 x PS-1270, 1 x T1615DAS



DAS RELIANCE XRPRO KIT2 PCB, XR TOUCH, GUARDALL GP15(3), COMBO SIREN, R-PIEZO, 7AMP, PP

RELIANCE-XRPRO-K2-3

- 1 x NXX-8-WZ-AU, 1 x 206140, 3 x GP15
- 1 x 206162 1 x WP05
- 1 x PS-1270, 1 x T1615DAS



DAS RELIANCE XRPRO KIT3 PCB, NX-1830, OPTEX FLIP-X(3), COMBO SIREN, TH-PIEZO, 7AMP, PP

RELIANCE-XRPRO-K3

- 1 x NXX-8-WZ-AU, 1 x NXG-1830-EUR, 3 x 50441 (NXG-1830-EUR available early 2024)
- 1 x 206162 1 x WP08
- 1 x PS-1270, 1 x T1615DAS



DAS RELIANCE XRPRO KIT3 PCB, NX-1830, GUARDALL GP15(3), COMBO SIREN, TH-PIEZO, 7AMP, PP

RELIANCE-XRPRO-K3-1

- 1 x NXX-8-WZ-AU, 1 x NXG-1830-EUR, 3 x GP15 (NXG-1830-EUR available early 2024)
- 1 x 206162 1 x WP08
- 1 x PS-1270, 1 x T1615DAS



DAS RELIANCE XRPRO KIT3 PCB, NX-1830, OPTEX FLIP-X(3), COMBO SIREN, R-PIEZO, 7AMP, PP

RELIANCE-XRPRO-K3-2

- 1 x NXX-8-WZ-AU, 1 x NXG-1830-EUR, 3 x 50441 (NXG-1830-EUR available early 2024)
- 1 x 206162 1 x WP05
- 1 x PS-1270, 1 x T1615DAS



DAS RELIANCE XRPRO KIT3 PCB, NX-1830, GUARDALL GP15(3), COMBO SIREN, R-PIEZO, 7AMP, PP

RELIANCE-XRPRO-K3-3

- 1 x NXX-8-WZ-AU, 1 x NXG-1830-EUR, 3 x GP15 (NXG-1830-EUR available early 2024)
- 1 x 206162 1 x WP05
- 1 x PS-1270, 1 x T1615DAS



Aritech Reliance / Controllers



RELIANCE XR 8 ZONE ALARM PANEL ONBOARD ETHERNET AND WIRELESS CAPABILITY

NXX-4-W-AU

- 8 Onboard Zones
- Smart App Available



RELIANCE XRPRO 176 ZONE ALARM PANEL

NXX-8-WZ-AU

- 16 Onboard Zones (expandable to 176)
- Up to 256 Users
- Smart App Available

Aritech Reliance / Keypads



VERTEX 8 ZONE LED KEYPAD

NX-1508-HILLS

- For Reliance 8/128
- Compatible with Reliance XR Series Panels (cannot be used to program)



VERTEX 16 ZONE LED KEYPAD

NX-1516-HILLS

- For Reliance 8/128
- Compatible with Reliance XR Series Panels (cannot be used to program)



LCD KEYPAD

NX-148-HILLS

- Full Alphanumeric Display
- For Reliance 8/128
- Compatible with Reliance XR Series Panels (cannot be used to program)



VOICENAV KEYPAD

206161

- For Reliance 8/128
- Compatible with Reliance XR Series Panels (cannot be used to program)



VOICENAV LITE KEYPAD

206184

- For Reliance 8/128
- Compatible with Reliance XR Series Panels (cannot be used to program)



TOUCHNAV KEYPAD

206139

- Resistive Display
- For Reliance 8/128
- Compatible with Reliance XR Series Panels (cannot be used to program)



XR TOUCH KEYPAD

206140

- Resistive Display
- For Reliance XR Series
- Not compatible with Reliance 8/128



Aritech Reliance / Keypads (Cont.)



NX-1830 KEYPAD WHITE

NXG-1830-EUR

- Modern Design with removable door
- Multi-colour graphic display panel
- For Reliance XR Series
- Not compatible with Reliance 8/128
- (NXG-1830-EUR available early 2024)



XR ULTRASYNC TOUCHSCREEN

UX-TOUCH01

- Capacitive Display
- Compatible with Reliance XR Series Panels (cannot be used to program)

Aritech Reliance / Accessories



16 ZONE EXPANDER MODULE

NX-216E

- For Reliance 128



7 WAY RELAY OUTPUT BOARD

NX-507E

- 7 Relays & 1 Open Collector
- For Reliance 8/128



8 WAY AUXILIARY OUTPUT BOARD

NX-508E

- 8 Open Collector Outputs
- For Reliance 8/128



COMNAV COMMUNICATOR

206251

- For Reliance 8/128



XR SERIES 8 OUTPUT EXPANDER

NXG-508N

- For Reliance XR Series



4G WIFI ROUTER MODULE DUAL SIM

NXX-4G-WFSIM-AU

- For Reliance XR Series



XR SERIES 80PLUS RECEIVER

NXG-433

- For Reliance XR Series



Pro-grade wireless security system
for ultimate protection

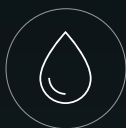
No wires. No worries.



Intrusion
Detection



Fire
Prevention



Flood
Prevention



Home
Automation



CCTV
Integration



Free apps for installers and
security engineers



macOS



Windows



iOS



Android



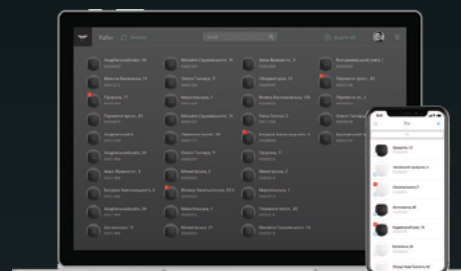
Intruder Alarm
of the Year



Security &
Firefighting Risks



Intruder Product
of the Year





Ajax / Control Panels



AJAX HUB 2 4G

- Security system control panel with support for photo verification
- Supports Jeweller and Wings Protocol, Up to 2000 m of Radio Comm Range
- 9 Security Groups, 50 Users and 100 Devices in the system
- Grade 2 EN 50131 PD 6662:2017
- 3 independent communication channels 2x SIM + Ethernet

35991 **BLACK**

35992 **WHITE**



AJAX HUB 2 PLUS

- Advanced security system control panel with 4 communication Channels incl Wifi
- Supports Jeweller and Wings Protocol, Up to 2000 m of Radio Comm Range
- 25 Security Groups, 200 Users and 200 Devices in the system
- Grade 2 EN 50131 PD 6662:2017
- 4 independent communication channels 2x SIM, Wi-Fi + Ethernet

30636 **BLACK**

30639 **WHITE**

Ajax / Range Extenders



AJAX REX 2 RANGE EXTENDER

- Radio signal range extender with photo verification support
- Grade 2 EN 50131 PD 6662:2017
- Up to 35 km² of coverage with one security system
- Four antennas and support for two proprietary radio protocols: Jeweller and Wings.
- Radio and Ethernet connection to the hub

35529 **BLACK**

35528 **WHITE**

Ajax / Opening Detectors



AJAX DOORPROTECT OPENING DETECTOR

- Wireless opening detector
- Jamming detection and communication channels encryption
- Tampering alarm and Authentication to prevent forgery
- Up to 7 years Battery life and 1200 m Range
- Grade 2 EN 50131 PD 6662:2017 Compliance

30615 **BLACK**

30616 **WHITE**



AJAX DOORPROTECT PLUS OPENING DETECTOR

- Wireless combined opening, shock and tilt detector with reed switch and accelerometer
- Jamming detection and communication channels encryption
- Up to 5 years Battery life and 1200 m Range
- Supports Third-party wired detector with the NC contact type
- Grade 2 EN 50131 PD 6662:2017 Compliance

30621 **BLACK**

30622 **WHITE**

Ajax / Glass Break Detectors



AJAX COMBIPROTECT MOTION AND GLASS BREAK DETECTOR

- Wireless opening detector
- Jamming detection and communication channels encryption
- Tampering alarm and Authentication to prevent forgery
- Up to 7 years Battery life and 1200 m Range
- Grade 2 EN 50131 PD 6662:2017 Compliance

30613 **BLACK**

30614 **WHITE**



AJAX GLASSPROTECT DETECTOR

- Wireless combined opening, shock and tilt detector with reed switch and accelerometer
- Jamming detection and communication channels encryption
- Up to 5 years Battery life and 1200 m Range
- Supports Third-party wired detector with the NC contact type
- Grade 2 EN 50131 PD 6662:2017 Compliance

30626 **BLACK**

30627 **WHITE**

Ajax / Motion Detectors



AJAX MOTIONPROTECT

- Wireless motion detector with up to 12 m detection range
- Accurately detects motion in heat conditions, even at a temperature of +40°C
- Ignores cats and dogs with weight of up to 20 kg and height up to 50 cm
- Operates up to 5 years without battery replacement
- Protection against fraud

30654 **BLACK**

30655 **WHITE**



Ajax / Motion Detectors (cont.)



AJAX MOTIONPROTECT PLUS

- Wireless motion detector with microwave sensor
- Operates up to 5 years without battery replacement
- Ignores pets weighing up to 20 kg and with a height up to 50 cm
- The additional microwave sensor filters possible interference from the air conditioner and curtain movement
- Detects and ignores draughts, movement of curtains and blinds, and light flickering, glare and reflections

30654 **BLACK**

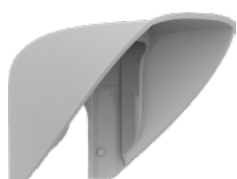
30660 **WHITE**



AJAX MOTIONPROTECT OUTDOOR

- Two-step algorithm for false alarm prevention
- Ready for heat and cold -25°C to +60°C
- Intelligent anti-masking system
- Protected from dust and water jets IP55
- Up to 5 years of battery life

30658



AJAX HOOD FOR MOTIONPROTECT OUTDOOR

- Hood for MotionProtect Outdoor
- Protects anti-masking sensors from rain and snow

20309



AJAX MOTIONCAM OUTDOOR

- Wireless outdoor motion detector with a photo camera to verify alarms
- HDR Camera, IR Backlight, Series of 2-5 photos
- Grade 2 EN 50131
- Up to 3 years of battery life
- up to 1700 m range in an open space

30653



AJAX MOTIONCAM OUTDOOR (PHOD)

- Wireless outdoor motion detector that takes photos by alarm and on demand
- Digital algorithm for filtering false alarms
- HDR Camera, IR Backlight, Series of 2-5 photos
- Grade 2 EN 50131
- Up to 3 years of battery life
- Up to 1700 m range in an open space

45854



AJAX DUALCURTAIN OUTDOOR

- Wireless outdoor bidirectional curtain motion detector
- Grade 2 EN 50131
- One enclosure. Two independent detectors
- Up to 4 years of battery life
- 4–15 m for each side detection range
- Near zone detection directed at an angle of 40° downward of the main sector to reduce blind spot
- Viewing angle shift allows optical system viewing angle to be shifted by 3° in the horizontal plane

30625



AJAX MOTIONPROTECT CURTAIN

- Narrow beam indoor motion detector
- Grade 2 EN 50131 PD 6662:2017 Compliance
- 15 m Detection Range
- Up to 3 years of battery life

30656 **BLACK**

30657 **WHITE**



AJAX MOTIONCAM

- Wireless motion detector with a photo camera to verify alarms
- Pet immunity Up to 20 kg / Up to 50 cm
- Software filter for false alarms
- Grade 2 EN 50131 PD 6662:2017 Compliance
- Up to 4 years of battery life

30651 **BLACK**

30652 **WHITE**



AJAX MOTIONCAM (PHOD)

- Wireless motion detector taking photos by alarm and on demand
- Grade 2 EN 50131 PD 6662:2017 Compliance
- Up to 4 years of battery life
- Effective detection in the heat and the cold

45852 **BLACK**

45853 **WHITE**



Ajax / Controls and Panic Buttons



AJAX KEYPAD

- Wireless touch keypad
- Allows creating and editing codes remotely
- Notifications for adding, removing, and deactivating code
- A unique name and ID binding to identify the user
- Up to 2 years Battery life with 4x AAA Batteries

30643 **BLACK**
30644 **WHITE**



AJAX WIRELESS KEYPAD PLUS

- Wireless touch keypad supporting encrypted contactless cards and Key Fobs
- Arm and disarm Ajax, activate Night Mode and manage specific groups with a Pass card or Tag Key Fob
- DESFire technology based on the ISO 14443 128-bit encryption and copy protection
- Up to 4.5 years Battery life

30645 **BLACK**
30646 **WHITE**



AJAX KEYPAD TOUCHSCREEN

- Wireless keypad with touch screen to control an Ajax system
- Home Automation Control, Configurable panic buttons
- Code, Pass card, Key fob and Smart Phone Authentication
- Touch IPS 5 inch display
- Dual power option, Batteries and 12V External Power supply
- OTA Software updates, Remote configuration
- Grade 2 EN 50131 PD 6662:2017 Compliance

58468 **BLACK**
58469 **WHITE**



AJAX PASS ENCRYPTED CONTACTLESS CARD FOR KEYPAD

- Copy-protected card allows you to manage security modes without a password, user account and access to the Ajax app
- One Pass card can be connected to 13 hubs
- Real time access permission administration

23498 **BLACK**
23500 **WHITE**



AJAX ENCRYPTED CONTACTLESS KEY FOB FOR KEYPAD

- Copy-protected Key Fob allows you to manage security modes without a password, user account and access to the Ajax app
- One Tag can be connected to 13 hubs
- Real time access permission administration

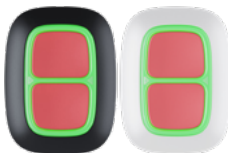
23525 **BLACK**
23526 **WHITE**



AJAX SMART BUTTON

- Wireless alarm button / smart button
- Signal range up to 1,300 m
- Command delivery confirmation
- Can be configured for home automation applications
- Long and short presses option to prevent false alarms in panic mode

30611 **BLACK**
30612 **WHITE**



AJAX DURESS DOUBLEBUTTON

- Wireless hold-up device with Double buttons
- No accidental presses in pocket or bag
- Up to 5 years Battery life
- Signal range up to 1,300 m in an open area

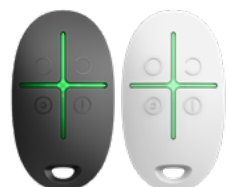
30623 **BLACK**
30624 **WHITE**



AJAX HOLDER FOR BUTTON/DOUBLEBUTTON

- Bracket to fix Button or DoubleButton on surfaces
- Could be attached to a surface with two screws or on double-sided adhesive

21657 **BLACK**
21658 **WHITE**



AJAX SPACECONTROL

- Four-button Key Fob with command delivery indication
- Dedicated Panic Button
- Long press or double press option for false alarm prevention
- Up to 5 years Battery life
- Signal range up to 1,300 m in an open area

30669 **BLACK**
30670 **WHITE**



Ajax / Sirens



AJAX HOMESIREN

- Wireless indoor siren
- Grade 2 EN 50131 PD 6662:2017 Compliance
- Indicates armed/disarmed state
- Adjustable Volume, 80–98 dB at a distance of 1 m
- Up to 5 years Battery life

- Signal range up to 2000 m in an open area

30629 **BLACK**
30630 **WHITE**



AJAX STREETSIREN

- Wireless siren with LED frame and piezoelectric buzzer
- Suited for both outdoor and indoor use
- Grade 2 EN 50131
- 85 to 113 dB Sound for an adjustable period from 3 seconds to 3 minutes

- IP54 level of ingress protection

30671 **BLACK**
30672 **WHITE**



AJAX STREETSIREN DOUBLEDECK

- Wireless outdoor siren with a clip lock for a branded faceplate
- Two-way communication at a distance of up to 1500 meters
- Adjustable Volume, 85–113 dB at a distance of 1 m

- IP54 Ingress protection
- Security service providers can print their logo and contact information on the front panel of an outdoor siren

30673 **BLACK**
30674 **WHITE**



BRANDPLATE FOR STREETSIREN DOUBLEDECK (10PCS)

- Faceplate for branding StreetSiren DoubleDeck
- Free promotion of security service providers

20379 **BLACK**
20380 **WHITE**

Ajax / Integration Modules



AJAX TRANSMITTER

- Module for integrating a third-party wired detector
- Connect third-party IR barrier, liquid level detector, gas leak detector, alarm button or any other device with the NC/NO contact type to Ajax System
- Provides 3.3 V power supply for the wired device

- Up to 5 years Battery Life
- Grade 2 EN 50131 PD 6662:2017 Compliance

30675



AJAX MULTITRANSMITTER

- Module for connecting wired alarm to Ajax and managing security via the Ajax app
- 18 Zones for Connecting NO, NC, EOL, 2EOL, 3EOL devices
- Rails for Fixing backup 4 or 7Ah Battery
- Up to 2000 m Radio Signal Range

30661 **BLACK**
30662 **WHITE**

Ajax / Automation



AJAX WALLSWITCH

- Power relay to control 110/230 V~ power supply remotely
- Opens and Closes Circuit on Command
- Control Site Lighting by Alarm, Power shutdown in case of fire

- Handles load up to 3kW
- Power Consumption Display in Ajax App
- Operates in bistable or pulse modes
- Protects devices against over-current and voltage surges

30677



AJAX RELAY

- Dry contact relay to control 12-24 V power supply remotely
- 1000 m Communication Range with Ajax System
- Automatic Doors and Roller shutters or many other Scenarios

30664



AJAX DIN HOLDER

- Bracket to fix Relay or WallSwitch on a DIN rail
- Includes sticker set to mark which device or circuit the relay controls
- Same width as a single-phase circuit breaker
- Built-in button to control the power supply manually

40696



Ajax / Power Supply Units



12V PSU FOR HUB 2 / HUB 2 PLUS

27418

- A power supply unit, connecting the Hub 2 control panel or ReX 2 range extender to a low-voltage power source
- Ideal for powering Ajax Hub 2 / Hub 2 Plus in Warehouses, Boats, Caravans, Trailers



6V PSU FOR HUB 2

20763

- Power supply unit for connecting Hub 2 / Hub 2 Plus control panels or ReX 2 range extender to an external portable battery.

Ajax / Fire Detection



FIREPROTECT 2 SB (HEAT/SMOKE)

52544 **BLACK**

- Wireless fire detector with heat, smoke
- Interconnected Alarm in 20 Seconds, 85 dB built-in siren
- EN 14604, 2018, Qmark Compliance
- Sealed batteries giving 10 years of operation
- Unique smoke chamber that is dust-proof and

- impenetrable for insects
- Dual-spectrum optical sensor, and a proprietary HazeFlow 2 software algorithm guarantee the speed and accuracy of fire detection
- Ignores cooking fumes and water steam

52543 **WHITE**



FIREPROTECT 2 SB (HEAT/SMOKE/CO)

52363 **BLACK**

- Wireless fire detector with heat, smoke, and CO sensors
- Interconnected Alarm in 20 Seconds, 85 dB built-in siren
- EN 14604, EN 50291-1 2018, Qmark Compliance
- Sealed batteries giving 10 years of operation

- Unique smoke chamber that is dust-proof and impenetrable for insects
- Dual-spectrum optical sensor, and a proprietary HazeFlow 2 software algorithm guarantee the speed and accuracy of fire detection

52362 **WHITE**

Ajax / Water Leak Prevention



AJAX LEAKSPROTECT WATER LEAK DETECTOR

30649 **BLACK**

- Wireless 14 mm height detector, Place anywhere
- Up to 5 years of operation from battery
- IP65 Housing, 1300 m connection range
- Up to 200 detectors in the system
- LeaksProtect leak detectors paired with WaterStop electric shut-off valve can build a Smart water leak prevention system for remote or automatic water supply control.

30650 **WHITE**

Ajax / Electric Valves



AJAX WATERSTOP

- Remotely controlled water shut-off valve
- Automatically Shuts off Water in 5 seconds with an Ajax System
- Works in conjunction with Ajax LeaksProtect or a third party water leak detector
- Can be controlled from anywhere in the world
- Button and Lever for Manual Control
- Bonomi Industries Valve ISO 5211
- Up to 1100 m Communication range with up to 3 years battery life
- Electric actuator protection against unauthorized dismantling
- Compatible with cold and hot water pipes

1" (DN 25) 62603 **BLACK**

1" (DN 25) 62602 **WHITE**

3/4" (DN 20) 62605 **BLACK**

3/4" (DN 20) 62604 **WHITE**

1/2" (DN 15) 62601 **BLACK**

1/2" (DN 15) 62600 **WHITE**

Ajax / Comfort and Productivity



AJAX LIFEQUALITY SMART AIR QUALITY MONITOR

46501 **BLACK**

- Smart air quality monitor with temperature, humidity, and CO² sensors
- Non-dispersive infrared sensor for precise CO² measurement
- Wireless design with 1700 m range and up to 3 years battery life
- Built-in accelerometer and In-app charts and history

46502 **WHITE**



RISCO LightSYS+ / Controllers



RISCO LIGHTSYS PLUS BASE KIT

RISCO-LSP-KIT1

Kit Contains:

- LightSYS+ Main Panel with IP and Wi-Fi (RP432MP0000A)
- LightSYS+ Enclosure with tamper (RP432BP2000A)
- LightSYS 14.4V 2.5AH power supply (RP432PS25NCA)
- Zeal 12V 7AH battery (SA12V7)



RISCO LIGHTSYS PLUS KIT 2

RISCO-LSP-KIT2

Kit Contains:

- 1 x RP432MP0000A, 1 x RP432BP2000A, 1 x RP432KP0000A
- 1 x RP432PS25NCA, 1 x SA12V7
- 3 x RK415PR0000C,
- 1 x WP06, 1 x WP08



RISCO LIGHTSYS PLUS KIT 3

RISCO-LSP-KIT3

Kit Contains:

- 1 x RP432MP0000A, 1 x RP432BP2000A,
- 1 x RP432PS25NCA, 1 x SA12V7
- 1 x RPKELPWT000B,
- 3 x RK415PR0000C, 1 x WP06, 1 x WP08



RISCO LIGHTSYS PLUS OPTEX KIT STD

RISCO-LSP-FLX3-STANDARD

Kit Contains:

- 1 x RP432MP0000A, 1 x RP432BP2000A,
- 1 x RP432PS25NCA, 1 x SA12V7
- 1 x RP432KP0000A, 3 x 50441,
- 1 x WP06, 1 x WP08



RISCO LIGHTSYS PLUS OPTEX KIT ELEGANT

RISCO-LSP-FLX3-ELEGANT

Kit Contains:

- 1 x RP432MP0000A, 1 x RP432BP2000A,
- 1 x RP432PS25NCA, 1 x SA12V7
- 1 x RPKELPWT000B, 3 x 50441,
- 1 x WP06, 1 x WP08



RISCO LIGHTSYS PLUS MAIN BOARD WITH IP AND WIFI

RP432MP0000A

- Hybrid Alarm Panel
- 8 Zones Onboard - Expandable to 512 Zones
- Supports RISCO Visual Verification Solution
- Full control through iRISCO Smartphone App



RISCO LIGHTSYS PLUS SMALL PLASTIC BOX

RP432BP2000A

- Small plastic enclosure for LightSYS+
- Supplied with tamper switch



RISCO LIGHTSYS PLUS BOX PLASTIC BASE METAL COVER

RP432BP3000A

- Small plastic enclosure with metal cover for LightSYS+
- Supplied with tamper switch



RISCO LIGHTSYS PLUS LARGE PLASTIC BOX

RP432BP4000A

- Large plastic enclosure for LightSYS+
- Supplied with tamper switch



RISCO LightSYS+ / Keypads



RISCO STANDARD LCD KEYPAD

RP432KP0000A

- For LightSYS+ and LightSYS2
- Main panel connection via RISCO 4-wire BUS
- Can be installed up to 300 m from the Main Panel



RISCO ELEGANT KEYPAD WITH PROX

RPKELPWT000B

- For LightSYS+ and LightSYS2
- Built in Proximity Reader
- Blue LCD display
- Includes extra zone input for wiring in a relay detector



RISCO PANDA WIRED KEYPAD WITH PROX

RP432KPP200D

- For LightSYS+ and LightSYS2
- Built in Proximity Reader
- Visual on-screen indicators
- Wall tamper protection



RISCO RISCONTROL 8" TOUCHSCREEN

RP432KPT000A

- For LightSYS+ and LightSYS2
- Customisable user interface, easy to use
- View live video and recordings by VUpoint Video Solution
- View images Camera Detectors

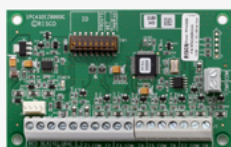


RISCO RISCONTROL 8" TOUCHSCREEN WITH ZWAVE

RP432KPTZAUA

- Smart Home, Alarm, Surveillance and Z-Wave smart home device
- Standalone Smart Home Gateway or Touchscreen Keypad
- Fully customised interface
- Set manual scenes, scheduled automation, triggered automation

RISCO LightSYS+ / Accessories



RISCO 8 ZONE INPUT EXPANDER

RP432EZ8000C

- For LightSYS+ and LightSYS2



RISCO OUTPUT EXPANDER

RP296E04000A

- For LightSYS+ and LightSYS2
- 4 X 3A Dry Contacts



RISCO CELLULAR ON THE BUS (COB)

RP512ECOB00A

- For LightSYS+ and LightSYS2
- Requires RP128B50000A & RP432TMP000A
- Can be installed up to 300 m from the Main Panel



RISCO WIRELESS RECEIVER 32 ZONE

RP432EW4000A

- For LightSYS+ and LightSYS2
- Two programmable outputs (1A dry contact relays)
- Supports to 32 wireless zones and 16 keyfobs



RISCO LightSYS+ / Accessories (cont.)



RISCO WIRELESS VIDEO MODULE

RP432EWW400A

- For LightSYS+ and LightSYS2
- Enables the transmission of images from RISCO Camera Detectors
- Supports up to 32 RISCO wireless devices



RISCO 14.4V 2.5A POWER SUPPLY

RP432PS25NCA

- For LightSYS+ and LightSYS2
- Requires 1CB6154 Kettle Cord



RISCO 14.4V 4.5A POWER SUPPLY

RP432PS45NCA

- For LightSYS+ and LightSYS2
- Requires 1CB6154 Kettle Cord



RISCO 240VAC AUS KETTLE CORD WHITE

1CB6154

- For RP432PS25NCA & RP432PS45NCA



RISCO 4G MODULE WITH MOLEX STICK ON ANTENNA

RP432G400AUA

- For LightSYS+ and WiComm Pro



RISCO PSTN MODULE FOR LIGHTSYS PLUS

RP432PSTN00A

- Plug-in module
- Communicates with Monitoring Stations using SIA, Contact ID
- Module plugs into the GSM/PTSN slot on LightSYS+ panel



RISCO USB A TO USB C 3.1 PROGRAMMING CABLE

W27030021

- Used for connecting LightSYS+ panels to a computer for programming
- 2M Cable USB-A 3.0 to Type-C 3.1
- Up to 5 Gbps data transfer speed
- Up to 2.4 Amp charging output

RISCO LightSYS+ / Keyfobs



RISCO PANDA 2-WAY 4 BUTTON KEYFOB

RWX332KF400A

- Contemporary, compact and streamlined design
- Request based system status indication
- Acknowledgment from panel upon each command
- Activate and deactivate UO



RISCO 1-WAY WIRELESS WRISTBAND PANIC 1-BUTTON

RWT51P40000B

- Comes with Strap and Lanyard
- IP67
- Low battery and transmission LED indication
- Up to 120 m line of sight



RISCO 1-WAY WIRELESS 2-BUTTON PENDANT

RWT52P43300B

- Comes with Belt Clip
- Assigned to a zone on the control panel
- Prevents false panic alarms
- Up to 120 m line of sight



RISCO WiComm Pro / Controllers



RISCO WICOMM PRO KIT 1

- WiComm Pro main panel & enclosure no comms module (RW332M40100A)
- 9VDC 1.5A plug pack (1ACA0017)
- Panada Wireless Keypad with prox (RW332KPP400D)
- 2 x Wireless eyeWAVE Camera PIR (RWX95CMP400C)

RISCO-WP-KIT1



RISCO WICOMM PRO KIT 2

- WiComm Pro main panel & enclosure no comms module (RW332M40100A)
- 9VDC 1.5A plug pack (1ACA0017)
- Panada Wireless Keypad with prox (RW332KPP400D)
- 2 x Picollo Pet PIR (RWX96P43300B)

RISCO-WP-KIT2



RISCO WICOMM PRO MAIN PANEL & ENCLOSURE

- Wireless 2-Way Alarm Panel
- Sleek, contemporary design
- Supports RISCO Visual Verification Solution
- Full control through iRISCO Smartphone App

RW332M40100A

RISCO WiComm Pro / Keypads



RISCO PANDA WIRELESS KEYPAD WITH PROX

- For WiComm Pro and Agility4
- Built in Proximity Reader
- Visual on-screen indicators
- Wall tamper protection

RW332KPP400D

RISCO WiComm Pro / Accessories



RISCO WICOMM PRO WIFI MODULE

- For WiComm Pro
- Multi-socket

RW33200W000A



RISCO WICOMM PRO IP MODULE

- For WiComm Pro
- Multi-socket

RW332IP0000A



RISCO 9VDC 1.5A PLUG PACK

- For WiComm Pro and Agility4

1ACA0017



RISCO 4G MODULE WITH MOLEX STICK ON ANTENNA

- For LightSYS+ and WiComm Pro

RP432G400AUA



RISCO 2-WAY WIRELESS REPEATER 433/916MHZ

- For WiComm Pro and Agility4
- Up to 4 per panel
- Connect up to 55 wireless devices per repeater
- Backup Battery

RW132XWR900A



RISCO RS232 SERIAL TO USB PROGRAMMING CABLE

- Programming cable for WiComm Pro

RW132EUSB00A



ACCESS CONTROL

Tecom Challenger / Panel Kits



TECOM CHALLENGERPLUS KIT WITH 4 LINE RAS

TS-CHPLUS-KIT

- Kit contains;
- 1 x ChallengerPlus control panel
- 1 x 16 Area Arming Station (4 x 16 LCD)



TECOM CHALLENGERLE PLUS KIT WITH 2 LINE RAS

TS1016LEPLUS-KIT

- Kit contains;
- 1 x ChallengerLE Plus control panel
- 1 x 16 Area Arming Station (2 x 16 LCD)

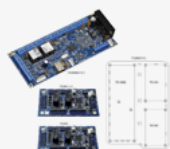


TECOM CHALLENGERLEPLUS CONTROL PANEL KIT 2YR

TS-CHPLUS-LE-KIT

- Kit Contains;
- 1 x TS1016LEPlus, 1x CA1116
- 2 x TS0870, 10 x TS1173
- 1 x TS1041, 2 x GQ20

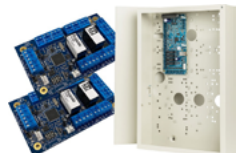
Tecom Challenger / Door Controller Kits



TECOM 4 DOOR NAC KIT TO REPLACE 4 DOOR CONTROLLER

TS1066B-4WG-KIT

- Board Only Wiegand Kit containing;
- 1 x 4 door Network Access Controller (NAC)
- 2 x Dual Wiegand Interfaces
- 1 x Network Access Controller (NAC) mounting plate



TECOM 4 DOOR NETWORK ACCESS CONTROLLER (NAC) WIEGAND KIT

TS1066-4WG-KIT

- Kit contains;
- 1 x 4 door Network Access Controller (NAC)
- 2 x Dual Wiegand Interfaces

Tecom Challenger / Network Access Controller (NAC) Kits



TECOM 4 DOOR NAC KIT WITH 4 STANDARD READERS

TS1066-4K4DR

- Kit contains;
- 1 x 4 door Network Access Controller (NAC)
- 4 x Tecom Smart Card Readers



TECOM 4 DOOR NAC WITH 4 HEAVY DUTY READERS

TS1066-4KH4DR

- Kit contains;
- 1 x 4 door Network Access Controller (NAC)
- 4 x Tecom Heavy Duty Smart Card Readers



TECOM 8 DOOR NAC WITH 8 STANDARD READERS & RELAY CARD

TS1066K8DR

- Kit contains;
- 1 x 8 door Network Access Controller (NAC)
- 8 x Tecom Smart Card Readers
- 1 x 4-Way Relay Card



TECOM 8 DOOR NAC WITH 8 HEAVY DUTY READERS & RELAY CARD

TS1066KH8DR

- Kit contains;
- 1 x 8 door Network Access Controller (NAC)
- 8 x Tecom Heavy Duty Smart Card Readers
- 1 x 4-Way Relay Card



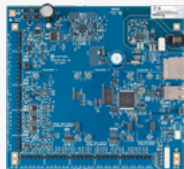
Tecom Challenger / Panels



TECOM CHALLENGERPLUS CONTROL PANEL

TS-CHPLUS

- ChallengerPlus is an advanced security solution designed for commercial and corporate sectors and is the perfect solution for the security requirements of banks, retail outlets, educational facilities and more
- UltraSync compatible
- On-board Ethernet, USB, PSTN and RS-232
- Comes with enclosure and power supply



TECOM CHALLENGERPLUS CONTROL PANEL BOARD ONLY

TS-CHPLUSB

- Board only



TECOM CHALLENGERLEPLUS CONTROL PANEL

TS1016LEPLUS

- UltraSync connectivity
- On-board Ethernet, USB and RS-232 with optional 3G expansion module for ultimate connectivity
- Fully flexible communications with options for simultaneous and redundant reporting to monitoring stations, management software and third-party systems

Tecom Challenger / Keypads (RAS - Remote Arming Station)



TECOM 2 LINE 16 LED AREA RAS

CA1110

- Attractive styling to fit any decor
- Integrated tamper detection
- The 16 area LEDs indicate the status of corresponding areas. On indicates that the area is armed, off is disarmed, and the LED flashes to indicate fault or alarm conditions
- Customisable beeper tone



TECOM 4 LINE 16 LED AREA RAS

CA1111

- Attractive styling to fit any decor
- Integrated tamper detection
- The 16 area LEDs indicate the status of corresponding areas. On indicates that the area is armed, off is disarmed, and the LED flashes to indicate fault or alarm conditions
- Customisable beeper tone



TECOM 2 LINE 16 LED AREA RAS WITH SMART CARD READER

CA1115

- Built in proximity card reader (Tecom Smart protocol)
- Integrated tamper detection
- The 16 area LEDs indicate the status of corresponding areas. On indicates that the area is armed, off is disarmed, and the LED flashes to indicate fault or alarm conditions
- Customisable beeper tone



TECOM 4 LINE 16 LED AREA RAS WITH SMART CARD READER

CA1116

- Built in proximity card reader (Tecom Smart protocol)
- Integrated tamper detection
- The 16 area LEDs indicate the status of corresponding areas. On indicates that the area is armed, off is disarmed, and the LED flashes to indicate fault or alarm conditions
- Customisable beeper tone



TECOM 4 LED RAS

TS0003

- 4 LEDs are provided to indicate area status
- The TS0003 can also be used with Challenger Intelligent access controllers for alarm and access control functions
- One open collector output is available to drive a relay or LED etc.
- One input is provided which may be used for the Egress function



TECOM HEAVY DUTY 4 LED RAS

TS0006

- PIN code entry for access control
- PIN code entry to arm/disarm area or system
- LED indicators
- Suitable for outdoor use



Tecom Challenger / Keypads (RAS - Remote Arming Station) (Cont.)



TECOM 8 AREA RAS

TS0801

- Easy to install and has been the face of the Challenger system for nearly 20 years
- The face of the Arming Station displays 8 programmable area status indicator LED's
- The LCD details alarms or preprogrammed scrolling text.



TECOM TOUCHSCREEN RAS WITH SCRAMBLE KEYPAD FEATURE

TS1001

- Fully compatible with the full range of Challenger products
- Classic mode option to match legacy RAS key sequences
- Eight area LEDs can be mapped to any areas in a Challenger10 system
- Brushed aluminium finish



TECOM 3 LED SLIMLINE RAS WITH RTE CONTROL

TS1162

- Robust moulded plastic housing
- Indoor or outdoor mounting
- IP67 rating
- Request to Exit input and Open collector output



TECOM SMART/SINGLE DOOR CONTROLLER

TS0862

- Request-to-exit (RTE) input
- Includes one relay for unlocking a door
- Provides reader LED control
- Up to 20 user cards can be stored into the TS0862's onboard memory. Access control for these 20 users is maintained even if the TS0862 loses communication with the control panel

Tecom Challenger / Interface Boards



TECOM INTERFACE IP LAN ADAPTOR

TS0098

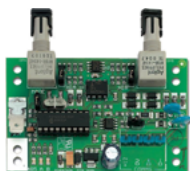
- IP communication for Challenger LAN
- 128-bit AES (Advanced Encryption Standard) secure encrypted communications
- Connect Challenger LAN devices RAS, DGP, Door/Lift Controllers over IP network infrastructure
- Link Challenger RS-485 LAN segments together over IP infrastructure



TECOM INTERFACE LAN ISOLATION

TS0893

- More traceable connection of power to devices along the Challenger LAN
- Electrically isolate either side of the LAN to prevent problems caused by voltage differentiation
- Extend the Challenger LAN beyond 1.5 kms.
- Increase the distance of a serial PC connection to the panel up to 1.5 kms.



TECOM INTERFACE RS485 TO FIBRE BOARD

TS0896B

- More traceable connection of power to devices along the Challenger LAN
- Extend the Challenger LAN across an optical fibre network.
- Provide redundancy cable path in case of a cable breakage along the LAN or deliberate cut



TECOM 4G COMMUNICATIONS INTERFACE

TS1054

- Report alarms
- Connect to supported management software packages
- Upload and download panel configuration
- Physically connects directly on to Challenger control panel
- Customer provided SIM cards



TECOM 4G COMMUNICATIONS MODULE-DUAL SIM, ULTRASYNCR ENABLED

TS1054DS

- No additional housing or power supply required
- Act as primary or backup connection
- High speed communication. Speed is typically limited by bandwidth of the cellular data connection
- Always on, constantly polled connection. All communication is sent and received instantly



Tecom Challenger / Door and Lift Controllers

FIRMWARE



TECOM 4 DOOR CONTROLLER FIRMWARE EPROM

TS0867S

- Real-time alarm and access control on four doors
- Supports card formats of up to 48 bits
- Onboard database for offline condition
- Up to 12 Intelligent Access Controllers can add 48 access control doors to a Challenger panel's 16 doors

FIRMWARE



TECOM 4 LIFT CONTROLLER FIRMWARE EPROM

TS0869S

- 4 lifts and up to 64 floors
- High level interface to EPL/Kone and Otis lifts
- Supports card formats of up to 48 bits
- Supports high level interface to destination control lift systems from Kone and Otis



TECOM 4 DOOR/LIFT NETWORK ACCESS CONTROLLER (NAC)

TS1066-4

- Direct connection to supported software, only connects to ChallengerPlus if used as a DGP (Not Challenger10)
- Large memory capacity: 250,000 users, 10,000 door groups and 50,000 history events
- Dual-BUS to support: Tecom RS-485 readers or expanders, OSDP v2, Aperio and Salto
- Remote flash firmware upgradeable



TECOM 4 DOOR/LIFT NETWORK ACCESS CONTROLLER (NAC) BOARD ONLY

TS1066B-4

- Board only



TECOM 8 DOOR/LIFT NETWORK ACCESS CONTROLLER (NAC)

TS1066

- Direct connection to supported software, only connects to ChallengerPlus if used as a DGP (Not Challenger10)
- Large memory capacity: 250,000 users, 10,000 door groups and 50,000 history events
- Dual-BUS to support: Tecom RS-485 readers or expanders, OSDP v2, Aperio and Salto
- Remote flash firmware upgradeable



TECOM 8 DOOR/LIFT NETWORK ACCESS CONTROLLER (NAC) BOARD ONLY

TS1066B

- Board only



TECOM DUAL WIEGAND INTERFACE MODULE

TS1061

- Support for multiple end-of-line (EOL) resistor values
- Two Wiegand interfaces
- Four inputs
- Two relays
- Only connects to NAC or ChallengerPlus as an Access control DGP (not Challenger10)



TECOM NETWORK ACCESS CONTROLLER W/ WIEGAND

TS1067E

- Direct connection to supported software
- Replaces TS0867 (Only Compatible with ChallengerPlus)
- Dual-BUS to support: Tecom RS-485 readers or expanders, OSDP v2, Aperio and Salto
- Remote flash firmware upgradeable



TECOM NETWORK ACCESS CONTROLLER W/ WIEGAND BOARD ONLY

TS1067EB

- Direct connection to supported software
- Replaces TS0867b (Only Compatible with ChallengerPlus)
- Dual-BUS to support: Tecom RS-485 readers or expanders, OSDP v2, Aperio and Salto
- Remote flash firmware upgradeable

Tecom Challenger / Expansion Modules



TECOM DATA GATHERING PANEL

TS1020

- 8 inputs onboard
- Can be expanded with a TS1021 for a total of 32 inputs per DGP when connected to Challenger10 and ChallengerPlus
- Onboard siren
- Relay board can be add via 10 pin connector



Tecom Challenger / Expansion Modules (Cont.)



TECOM DATA GATHERING PANEL BOARD ONLY

TS1020B

- 8 inputs onboard
- Can be expanded with a TS1021 for a total of 32 inputs per DGP
- Onboard siren
- Relay board can be add via 10 pin connector



TECOM WIRELESS DGP FOR INOVONICS

TS0825E

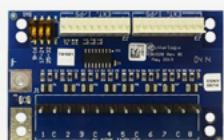
- Allows to add wireless inputs to Challenger system
- Supports Inovonics single condition transmitters Only (EN RANGE)
- Works with Inovonics repeaters to extend wireless range



TECOM 4 INPUT DATA GATHERING PANEL

TS0827

- 4 zone inputs
- Tamper input
- Non-expandable



TECOM DATA GATHERING PANEL 8 INPUT EXPANSION MODULE

TS1021

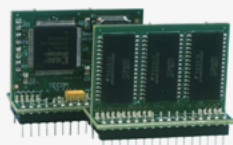
- Eight-input expander can increase number of input devices to 32 on a single DGP
- Only supported on a Challenger10 system when connected to a TS1020 DGP



TECOM MEMORY EXPANSION MODULE FOR CHALLENGER 10 & CHALLENGER PLUS

TS1084

- Increases user capacity in a Challenger10 control panel to 65,535
- This module stores user data on a removable microSD card



TECOM MEMORY V8 8 MEG IUM

TS0884

- Increases the total number of PIN or card users on the system
- Allows card formats up to 48 bit
- Adds to the number of door or floor groups, holidays, and access/alarm events on a system

Tecom Challenger / Readers



TECOM SMART CARD PROXIMITY READER

TS0870

- Program LEDs for different functions
- Built-in optical tamper switch
- High security 4-byte security code and read/write encryption



TECOM CARD SMART PROXIMITY READER WITH DECORATIVE PLATE

TS0870D

- Program LEDs for different functions
- Built-in optical tamper switch
- High security 4-byte security code and read/write encryption



TECOM HEAVY DUTY SMART CARD PROXIMITY READER

TS0870H

- Program LEDs for different functions
- Built-in optical tamper switch
- High security 4-byte security code and read/write encryption



TECOM SMART CARD PROGRAMMER

TS0870P

- Allowing to program Tecom Cards
- High security 4-byte security code and read/write encryption



Tecom Challenger / Readers (Cont.)



TECOM SMART CARD PROXIMITY READER WITH WALL BOX MOUNTING KIT TS0870W

- Program LEDs for different functions
- Built-in optical tamper switch
- High security 4-byte security code and read/write encryption



TECOM SIGNO MULTICLASS 27 BIT INDALA TRANSITION WIEGAND HID-27-SIG20-W

- Simple Migration from the Tecom 27 bit technologies to iCLASS® or Mifare
- Open Architecture Design allows project specific formats and keys
- Provides flexible options for processing multi-technology cards and configuring the reader's audio/visual characteristics
- Reads: Bluetooth mobile credentials, Seos, iCLASS SE®, iCLASS SR®, iCLASS®, MIFARE Classic, MIFARE DESFire EV1/EV2, HID Proximity®, Indala® Proximity, AWID Proximity, and EM Proximity



TECOM INDALA PROX FLEXPSS ARCHWALLSW ONYX TS1352-1A

- TECOM INDALA PROX FLEXPSS ARCH WALLSW ONYX 2YR



TECOM SLIM INDALA PROXIMITY READER-FLEXPASS ARCH TS1351-1A

- TECOM INDALA PROX FLEXPSS ARCH SLIM ONYX 2YR

Tecom Challenger / Cards



TECOM INDALA PROXIMITY CARD ASK116 TS1116

- TECOM CARD-KEYTAG PROXIMITY ASK116 TECOM
- User range & Sitecode required on order



TECOM INDALA PROXIMITY CARD ASC121 VERTICAL SLOT TS1121

- TECOM CARD PROX ASC121 VERTICAL SLOT
- User range & Sitecode required on order



TECOM SMART CARD HITAG2 TS1170

- TS1170 HITAG 2 SMART CARD
- Tecom Smart Proximity Card
- Dimensions: 86 x 54 mm ISO Card



TECOM SMART CARD HITAG2 TEAR SHAPE KEYTAG TS1173

- Blank Keytags for TS0870 and CA1111 series



TECOM SMART CARD HITAG2 CLAMSHELL CARD TS1175

- Tecom Clamshell Smartcard
- Dimensions: 86 x 54mm



TECOM HITAG2/MIFARE 1K ISO CARD TS1176

- Hitag2 + Mifare 1K ISO card



Tecom Challenger / Cards (Cont.)



TECOM SMART CARD HITAG2 E-COIL

TS1178

- Plastic Clear Hitag Coil

Tecom Challenger / Enclosures and Accessories



TECOM 4-WAY RELAY BOARD

TS0840

- Relay boards are connected to a ten-way plug on the Challenger, Access Controllers, or DGP's
- The TS0840 cannot be combined with other relay boards
- Low voltage



TECOM 8-WAY RELAY BOARD

TS1041

- Eight Form C relay outputs on board
- Expand total number of outputs in a system up to 512
- Faster signal propagation means more relay controllers on a single run
- Relays operate more intelligently to ensure false activations are prevented



TECOM 16-WAY OPEN COLLECTOR

TS0842

- 16 open collector outputs to the Challenger Panel, Access Controller, & DGP
- Open collector outputs differ from relay contacts in that they provide a short circuit to ground
- Low voltage



TECOM BUFFERED 4 WAY RELAY CARD

TS0843

- 4 double pole, double throw relays
- Can be used as a whole unit of 4 relays or snapped apart
- Relays can be connected to anything which is electrically controlled
- Low voltage



TECOM POWER/DATA DISTRIBUTION BOARD

TS1044

- Help to keep wires in place
- Used for power or data distribution of the RS485 LAN



TECOM UNIVERSAL ENCLOSURE

TS0307

- Universal metal enclosure for the Challenger series of control panels



TECOM SMALL METAL ENCLOSURE

TS0327

- Small metal enclosure for the Challenger series of control panels



TECOM 13.8VDC 2MP POWER SUPPLY & BATTERY

TS0073

- Backup Battery
- Built-in tamper
- Wall mount enclosure
- Can be monitored for AC fail and low battery
- Can be mounted directly over a GPO to protect power from being switched off



Tecom Challenger / Forcefield



TECOM FORCEFIELD VM SERVER TS9100VM

- Dell Server
- Forcefield 8 running on Virtual server
- Based licence included

TECOM INITIAL FORCEFIELD CLIENT TS9101

- Forcefield 1st Client - ONLY for use as 1st client
- Must be ordered with TS9100 or TS9120.

TECOM FORCEFIELD CLIENT TS9110

- FORCEFIELD CLIENT

TECOM FORCEFIELD MULTI-NODE LICENCE TS9115

- Forcefield Multi-Node (Only avail to Int trained Installer on Level 1 Sys)

TECOM FORCEFIELD 3RD PARTY INTERFACE LICENCE TS9116

- Forcefield 3rd Party I/F Licence (Only avail on special request)

TECOM FORCEFIELD HOT STANDBY LICENCE TS9118

- Forcefield Hot Standby Licence for M-N & Ent Sys (only avail to int trained installers)

TECOM FORCEFIELD AUTO IMPORT/EXPORT LICENCE TS9119

- Forcefield Auto Import/Export licence

TECOM FORCEFIELD ENTERPRISE VM L3 SERVER WITH LICENCE TS9120VM

- TECOM FORCEFIELD ENTERPRISE VM L3 SERVER INC Licence

Tecom Challenger / IP Receiver



TECOM IP RECEIVER V2 VIRTUAL -1000 PANELS TS981000V

- TECOM IP RECEIVER V2 VIRTUAL - 1000 PANELS

TECOM IP RECEIVER V2 VIRTUAL 1000 PANEL 1 YEAR SUSP TS981000V-SUSP

- TECOM IP RECEIVER V2 VIRTUAL 1000 PANEL 1 YEAR SUSP

Tecom Challenger / Software Licenses



WMS PRO BASE SOFTWARE (1 X CONT, 2 X OP) TS-WMSPRO-LITE

- WMS Pro Lite Edition Base Software Licence

WMS PRO LICENCE - 1 CONTROLLER TS-WMSP-CON1

- WMS Pro Lite Edition - Controller Licence

WMS PRO LICENCE - 1 OPERATOR TS-WMSP-OP1

- WMS Pro Lite Edition - Operator Licence

TECOMC4 2N LICENCE TS-C4-2N

- TecomC4 2N Driver – 1 Intercom

TECOMC4 APERIO LICENCE TS-C4-APER

- TecomC4 Aperio Driver - 1 Hub

TECOMC4 AVIGILON VMS LICENCE PER CAMERA TS-C4-AV

- TecomC4 Avigilon VMS LICENCE per camera

TECOMC4 AVIGILON ACC7 WEBAPI VMS LICENCE TS-C4-AV7

- TecomC4 ACC7 WebAPI VMS LICENCE - 1 Camera

TECOMC4 AXIS CAMERA STATION LICENCE TS-C4-AXISCS

- TecomC4 Axis Camera Station LICENCE

TECOMC4 BOSCH B&G SERIES LICENCE TS-C4-BOSCH

- TecomC4 Bosch B&G Series LICENCE - 1 Panel



Tecom Challenger / Software Licenses (Cont.)



TECOMC4 CHALLENGER10/PLUS LICENCE **TS-C4-C10-1**

- TecomC4 Challenger10 initial panel LICENCE - 1 Panel (Limit 1 per site)

TECOMC4 CHALLENGER10/PLUS LICENCE **TS-C4-C10**

- TecomC4 Challenger10 LICENCE - 1 Panel

TECOMC4 CHALLENGER10/PLUS LICENCE **TS-C4-C10-SUS**

- TecomC4 Challenger10/PLUS SUSP - 1 Panel

TECOMC4 DAHUA RECORDER LICENCE **TS-C4-DAHU**

- TecomC4 Dahua Recorder LICENCE - 1 Recorder

TECOMC4 DAHUA INTERCOM LICENCE **TS-C4-DAHUIC**

- TecomC4 Dahua Intercom LICENCE - 1 Door Station

TECOMC4 DALLMEIER RECORDER LICENCE **TS-C4-DLMR**

- TecomC4 Dallmeier Recorder LICENCE - 1 Recorder

TECOMC4 DIGIFORT SERVER 7 LICENCE **TS-C4-FORT7**

- Digifort Server 7 LICENCE - 1 Recorder

TECOMC4 GEUTERBRUCK G-CORE LICENCE **TS-C4-GCORE**

- TecomC4 Geutebruck G-Core LICENCE - 1 Recorder

TECOMC4 GENETEC VMS CAMERA LICENCE **TS-C4-GT**

- ecomC4 Genetec VMS LICENCE per camera

TECOMC4 HIKVISION RECORDER LICENCE **TS-C4-HIK**

- TecomC4 HikVision Recorder LICENCE - 1 Recorder

TECOMC4 ACTIVE DIRECTORY LICENCE **TS-C4-ISAD**

- TecomC4 Active Directory LICENCE

TECOMC4 IS CONNECTOR CSV PERSON IMPORT LICENCE **TS-C4-ISCSV**

- TecomC4 IS Connector CSV Person Import

TECOMC4 KEYWATCHER LICENCE **TS-C4-KEYW**

- TecomC4 KeyWatcher Illuminated LICENCE - 1 Access Controller

TECOMC4 KONE LIFT LICENCE **TS-C4-KONE**

- TecomC4 Kone Lift LICENCE -1 system

TECOMC4 LUXRIOT EVO LICENCE **TS-C4-LUXEVO**

- TecomC4 Luxriot EVO LICENCE - 1 Camera

TECOMC4 MORPHO LICENCE **TS-C4-MORPHO**

- TecomC4 Morpho Reader Driver – 1 Reader

TECOMC4 MILESTONE VMS LICENCE **TS-C4-MS**

- TecomC4 Milestone VMS LICENCE per camera

TECOMC4 MILESTONE PLUS VMS LICENCE **TS-C4-MSPLUS**

- TecomC4 Milestone Plus VMS LICENCE Per Camera

TECOMC4 NETWORK ACCESS CONTROLLER LICENCE **TS-C4-NAC**

- TecomC4 Network Access Controller LICENCE - 1 Panel

TECOMC4 PACOM/IDIS RECORDER LICENCE **TS-C4-PAC**

- TecomC4 Pacom/IDIS recorder LICENCE - 1 recorder (includes camera LICENCES)

TECOMC4 ADVANCED EDITION SOFTWARE LICENCE **TS-C4-STDADV**

- TecomC4 Advanced Edition Software - EXISTING SITES

TECOMC4 ADVANCED EDITION SOFTWARE LICENCE **TS-C4-PRO**

- TecomC4 Advanced Edition Software - NEW SITES



Tecom Challenger / Software Licences (Cont.)



TECOMC4 PANASONIC API LICENCE • TecomC4 Panasonic API LICENCE - 1 Recorder	TS-C4-PSAPI
TECOMC4 SALTO SHIP LICENCE • TecomC4 Salto SHIP LICENCE - 1 Door	TS-C4-SALTO
TECOMC4 SCHINDLER LIFT LICENCE • TecomC4 Schindler Lift LICENCE -1 System	TS-C4-SCHI
TECOMC4 SNMP SYSTEM LICENCE • TecomC4 SNMP System LICENCE	TS-C4-SNMP
TECOMC4 SUPREMA BIOSTAR2 LICENCE • TecomC4 Suprema BioStar2 LICENCE - 1 Reader	TS-C4-SUPRE
TECOMC4 TRUPORTAL CONTROLLER LICENCE • TecomC4 TruPortal controller LICENCE - 1 Panel	TS-C4-TP
TECOMC4 TRAKA LICENSE • TecomC4 TRAKA License - 1 Access Controller	TS-C4-TRAKA
TECOMC4 TRUVISION RECORDER LICENCE • TecomC4 TruVision recorder license -1 Recorder (includes camera licenses)	TS-C4-TV-1
TECOMC4 TRUVISION RECORDER LICENCE • TecomC4 TruVision initial recorder license -1 Recorder (Limit 1 per site)	TS-C4-TV
TECOMC4 CHALLENGER8 LICENCE • TecomC4 Challenger V8 License - 1 Panel	TS-C4-V8
TECOMC4 WISENET VMS LICENCE • TecomC4 Wisenet Server License - 1 Server - 1 Server	TS-C4-WNET

Discover the Next Evolution of Tecom Management Software



WMS Pro

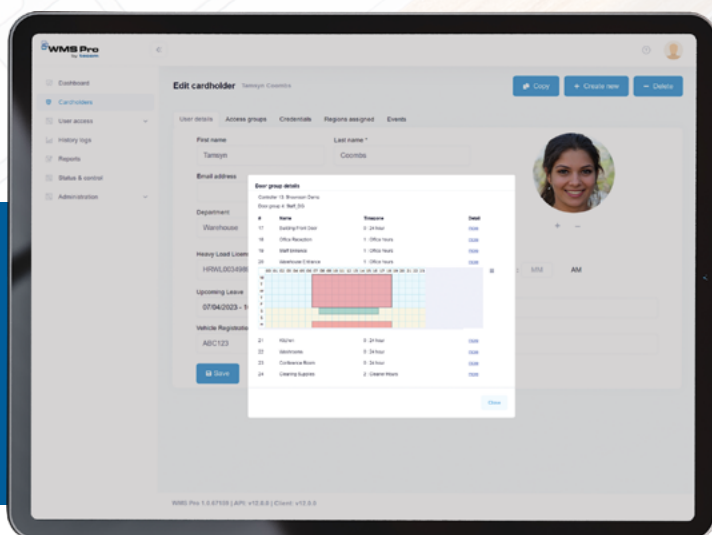
Web Management System

Lite

Flexible, Scalable, Intuitive

WMS Pro is the latest software suite from Aritech, built from the ground up to work hand-in-hand with your Tecom security and access control systems. WMS Pro has been designed to improve safety and increase efficiency, while adding value to any installation, no matter the size.

Designed and developed in Australia, for Australian and global markets.





ADD-ON COMPONENTS

Optex / Indoor Sensors



AP-20NB INDOOR RECESSED MOUNT PIR CURTAIN DETECTION

50504

- 6 m 10° narrow (curtain) detection
- Compatible with Risco Zone Input
- Adjustable Detection Sensitivity
- Anti-tamper function



FLX-S-ST FLIPX STANDARD INDOOR PIR SENSOR WITH ROTATABLE LENS

50439

- 12 m 85° wide or 18 m 5° narrow detection
- Grade 2 PIR with rotatable lens
- Human Catch Element & SMDA logic
- Superior pet tolerance with new pyroelectric element



FLX-S-ST-BKT FLIPX STD INDOOR PIR SENSOR INCLUDES BRACKET

50441

- 12 m 85° wide or 18 m 5° narrow detection
- Compatible with Risco Zone Input
- Human Catch Element & SMDA logic
- Superior pet tolerance with new pyroelectric element



FLX-S-DT FLIPX STANDARD INDOOR PIR WITH DUAL TECHNOLOGY

50442

- 12 m 85° wide or 18 m 5° narrow (*PIR only) detection
- Grade 2 dual technology (PIR+MW) with rotatable lens
- Human Catch Element & SMDA logic
- Superior pet tolerance with new pyroelectric element



FLX-S-DT-BKT FLIPX STD INDOOR PIR WITH DUAL TECH AND BRACKET

50444

- 12 m 85° wide or 18 m 5° narrow (*PIR only) detection
- Compatible with Risco Zone Input
- Human Catch Element & SMDA logic
- Superior pet tolerance with new pyroelectric element



FMX-ST INDOOR QUAD PIR SENSOR

50004

- 15 m 90° wide detection
- 2.2-3.0 m mounting height
- Plug-in End of line unit



FMX-DT-X5 HIGH PERFORMANCE DUAL-TECH QUAD PIR MOTION

50005

- 15 m 90° wide detection
- 2.2-3.0 m mounting height
- Dual technology (PIR+MW)
- Plug-in End of line unit



CX-702 LONG RANGE PIR DETECTOR WITH DUAL PURPOSE LENS

8171

- 21 m 90° wide or 45 m 5° narrow detection
- 3-step lens angle adjustment
- 1.5 to 3.6 m mounting height



Optex Quick Select; Sensors Indoor & Outdoor Quick Select Table. View the SUPPLEMENTAL RESOURCES section on page 111-112.



Optex / Indoor Sensors (Cont.)



FLX-A-AM FLIPX ADVANCED, PIR GRADE 3 SENSOR, ROTATABLE LENS

50448

- 15 m 85° wide or 24 m 5° narrow detection
- Grade 3 PIR with rotatable lens
- Compatible with Risco Zone Input
- IR-Anti masking & Down Zone



FLX-A-DAM-X5 FLIPX ADVANCED, DUAL-TECHNOLOGY GRADE 3 SENSOR

50465

- 15 m 85° wide or 24 m 5° narrow (*PIR only) detection
- Grade 3 dual technology (PIR+MW) with rotatable lens
- Compatible with Risco Zone Input
- IR-Anti masking & Down Zone

Optex / 360° Sensors



AP-360B INDOOR RECESSED CEILING MOUNT 360° PIR DETECTION

50502

- Ø 6 m 360° Coverage
- 2.5-4.5 m mounting height
- Adjustable Detection Sensitivity
- Anti-tamper function



FX-360 INDOOR CEILING MOUNT 360° PIR DETECTION

8113

- Ø 12 m 360° Coverage
- 5 m maximum height
- RFI immunity



SX-360Z INDOOR CEILING MOUNT SENSOR

8063

- Ø 18 m 360° Coverage
- 5 m maximum height

Optex / Insight Visual Verification



INS-QXI-ST OUTDOOR INSIGHT VISUAL VERIFICATION QUAD WIDE PIR

50426

- 12 m 75° coverage
- 2.2-2.7 m mounting height
- 1/2.8" CMOS - 0.02 lux. 0 lux. with Iru
- Plug & Play Integration with the Optex Bridge
- IP rating 54



INS-HX-80N OUTDOOR INSIGHT VISUAL VERIFICATION QUAD NARROW PIR

50427

- 24 m 5° coverage
- 2.5-3 m mounting height
- 1/2.8" CMOS - 0.02 lux. 0 lux. with Iru
- Adjustable range & animal tolerant
- IP rating 55



CKB304V2 INSIGHT VISUAL VERIFICATION 4 CHANNEL BRIDGE

50350

- Alarm input zones x 4
- Controllable relay output x 1
- Connects to monitoring centre
- Arming and disarming options
- Work with existing equipment.



CKB-312 INSIGHT VISUAL VERIFICATION 12 CHANNEL BRIDGE

CKB312

- Alarm input zones x 12
- Controllable relay output x 4
- Connects to monitoring centre
- Arming and disarming options
- Work with existing equipment



Optex / Outdoor Sensors



FTN-ST OUTDOOR SHORT RANGE CURTAIN PIR DETECTION

8697

- 5 m 12° narrow (curtain) detection
- 0.8- 1.2 m mounting height
- SMDA logic with pet tolerance
- IP rating 55



FTN-R OUTDOOR SHORT RANGE CURTAIN PIR DETECTION

8699

- 5 m 12° narrow (curtain) detection
- 0.8- 1.2 m mounting height
- Battery Operated
- SMDA logic with pet tolerance
- IP rating 55



BXS-ST OUTDOOR 180° BLACK WALLMOUNT CURTAIN PIR DETECTION

50244

- 24 m (12 m per side) curtain detection
- 0.8- 1.2 m mounting height
- Pet tolerance
- IP rating 55



BXS-ST(W) OUTDOOR 180° WHITE WALLMOUNT CURTAIN PIR DETECTION

50248

- 24 m (12 m per side) curtain detection
- 0.8- 1.2 m mounting height
- Pet tolerance
- IP rating 55



BXS-AM OUTDOOR 180° BLACK WALLMOUNT CURTAIN PIR DETECTION

50245

- 24 m (12 m per side) curtain detection
- 0.8- 1.2 m mounting height
- IR anti-masking
- Pet tolerance
- IP rating 55



LX-802N OUTDOOR LONG RANGE PIR DETECTOR

8090

- Built and designed to prevent outdoor false alarms.
- 24 m 5° coverage
- 1.2-2.5 m mounting height
- Selectable detection patterns (pet alley or multi-level)
- Day / Night functionality • IP rating 54



HX-80N OUTDOOR HIGH MOUNT COMBINATION NARROW PIR DETECTOR

8703

- 24 m 5° coverage, IP rating 55
- 2.5-3 m mounting height
- Dual signal processing circuit
- Intelligent AND detection logic



HX-80NAM OUTDOOR HIGH MOUNT COMBINATION NARROW PIR DETECTOR

8705

- 24 m 5° coverage, IP rating 55
- 2.5-3 m mounting height
- IR-Anti masking, Intelligent AND detection logic
- Dual signal processing circuit



HX-80NRAM OUTDOOR HIGH MOUNT COMBINATION PIR DETECTOR

8706

- 24 m 5° coverage, IP rating 55
- 2.5-3 m mounting height
- Battery Operated
- IR-Anti masking, Intelligent AND detection logic



LX-402 OUTDOOR WIDE RANGE PIR DETECTOR

8086

- 12 m 120° coverage, IP rating 55
- 1.2-2.5 m mounting height
- Selectable detection patterns (pet alley or multi-level)
- Day / Night functionality



Optex / Outdoor Sensors (Cont.)



HX-40 OUTDOOR HIGH MOUNT COMBINATION PIR DETECTOR

8579

- 12 m 85° coverage
- 2.5-3 m mounting height
- Dual signal processing circuit
- Intelligent AND detection logic
- IP rating 55



HX-40AM OUTDOOR HIGH MOUNT COMBINATION PIR DETECTOR, ANTI-MASKING

8593

- 12 m 85° coverage, 2.5-3 m mounting height
- IR anti-masking
- Dual signal processing circuit
- Intelligent AND detection logic
- IP rating 55



HX-40DAM OUTDOOR HIGH MOUNT COMBINATION PIR & MW DETECTOR

8585

- 12 m 85° coverage, IP rating 55
- 2.5-3 m mounting height
- Dual technology (PIR+MW)
- IR-Anti masking, Intelligent AND detection logic



HX-40RAM OUTDOOR HIGH MOUNT COMBINATION PIR DETECTOR

8618

- 12 m 85° coverage, IP rating 55
- 2.5-3 m mounting height
- Battery Operated
- IR-Anti masking, Intelligent AND detection logic



VXI-ST OUTDOOR PIR WITH TWO PIRS FOR DOUBLE LAYERED DETECTION

8850

- 12 m 90° coverage with 2 x PIR (DLP),
- 0.8-1.2 m mounting height
- SMDA logic
- Animal tolerance and digital analysis
- IP rating 55



VXI-R OUTDOOR BATTERY OPERATED PIR WITH TWO PIRS

8852

- Two PIRs for double layered detection, 12 m 90° coverage with 2 x PIR (DLP)
- 0.8-1.2 m mounting height
- Battery Operated
- SMDA logic, animal tolerance and digital analysis
- IP rating 55



VXI-DAM-X5 OUTDOOR DUAL TECHNOLOGY PIR WITH TWO PIRS

8854

- Two PIRs for double layered detection, 12 m 90° coverage with 2 x PIR (DLP)
- 0.8-1.2 m mounting height
- PIR & MW with IR anti-masking
- SMDA logic, animal tolerance and digital analysis
- IP rating 55



WXI-ST OUTDOOR WIDE ANGLE PIR PROVIDING 180° DETECTION

50272

- 12 m 180° coverage
- 0.8-1.2 m mounting height
- Left & right settable detection
- SMDA logic
- IP rating 55



WXI-AM OUTDOOR WIDE ANGLE PIR PROVIDING 180° DETECTION

50273

- 12 m 180° coverage, 0.8-1.2 m mounting height
- PIR with IR anti-masking
- Left & right settable detection
- SMDA logic
- IP rating 55



Optex Quick Select; Sensors Indoor & Outdoor Quick Select Table. View the SUPPLEMENTAL RESOURCES section on page 111-112.



Optex / Outdoor Photobeams



AX-70TN OUTDOOR SHORT RANGE BOUNDARY DUAL IR BEAMS

8401

- 20 m range
- Environmental disqualification circuit
- IP rating 65



BX-100PLUS OUTDOOR BOUNDARY DUAL IR BEAMS

8212

- 30 m range
- Easy alignment with visual and audible indicator
- Discreet dual-infrared beams
- IP rating 54



AX-100TF OUTDOOR SHORT RANGE BOUNDARY DUAL IR BEAMS

8442

- 30 m range
- Selectable 4 channel beam frequencies
- Environmental disqualification circuit
- IP rating 65



AX-100TFR OUTDOOR BATT DUAL IR BEAMS - SELECT FREQ.

8645

- 30 m range
- Battery operated
- Selectable 4 channel beam frequencies
- Environmental disqualification circuit
- IP rating 65



AX-130TN OUTDOOR DUAL IR BEAMS

8407

- 40 m range
- Environmental disqualification circuit
- IP rating 65



AX-200TN OUTDOOR SHORT RANGE BOUNDARY DUAL IR BEAMS

8413

- 60 m range
- Selectable 4 channel beam frequencies
- Environmental disqualification circuit
- IP rating 65



AX-200TF OUTDOOR SHORT RANGE DUAL IR BEAMS

8447

- 60 m range
- Selectable 4 channel beam frequencies
- Environmental disqualification circuit
- IP rating 65



AX-200TFR OUTDOOR BATT DUAL IR BEAMS - SELECT FREQ.

8646

- 60 m range
- Battery operated
- Selectable 4 channel beam frequencies
- Environmental disqualification circuit
- IP rating 65



SL-200QDM OUTDOOR LONG RANGE QUAD IR BEAMS

8814

- 60 m range, IP rating 65
- High power quad beam with selectable beam power
- Selectable 4 channel beam frequencies
- Double Modulation, A.T.P.C. & I.A.S.C



SL-350QN OUTDOOR LONG RANGE BOUNDARY QUAD IR BEAMS

8809

- 100 m range
- High power quad beam
- IP rating 65



Optex / Outdoor Photobeams (Cont.)



SL-350QNR OUTDOOR BATT LONG RANGE QUAD IR BEAMS

8807

- 100 m range
- High power quad beam
- Battery operated
- IP rating 65



SL-650QN OUTDOOR LONG RANGE BOUNDARY QUAD IR BEAMS

8806

- 100 m range, IP rating 65
- High power quad beam
- Selectable 4 channel beam frequencies
- Battery Operated



SL-650QN OUTDOOR LONG RANGE BOUNDARY QUAD IR BEAMS

8810

- 200 m range
- High power quad beam
- IP rating 65



SL-650QDM OUTDR LONG RANGE BOUNDARY QUAD ATPC IASC IR BEAMS

8816

- 200 m range
- High Power quad beam
- Selectable 4 channel beam frequency
- Double Modulation with ATPC IASC

Inovonics / PIR Sensors



INOVONICS INDOOR PIR QUAD WIRELESS SENSOR

EN1263

- 8 m 89° detection
- 2-2.3 m mounting height
- High Traffic
- Wireless & Battery Operated



INOVONICS INDOOR CEILING MOUNT 360° PIR DETECTION

EN1266

- 20 m 360° detection
- 2.4 m to 3.6 m mounting height
- Intelligent sleep timer extends battery life
- Battery Operated

Aritech / Volumetric Motion Sensors



ARITECH 12M VOLUMETRIC PIR

EN1262HT

- PIR technology with patented mirror curtain optics
- Volumetric 12 Metre 9 Curtains



DUAL TECHNOLOGY MOTION SENSOR - ANTI-MASKING

DD1012AM

- Anti-masking
- PIR technology with patented mirror curtain optics
- Volumetric 12 Metre 9 Curtains



ARITECH MOTION PIR

EV1012

- 16 metre range
- Volumetric PIR
- 1 continuous curtains at 25 m distance.



Aritech / Volumetric Motion Sensors (Cont.)



ARITECH MOTION PIR

EV1012AM

- 16 metre range
- Volumetric PIR
- 1 continuous curtains at 25 m distance
- Anti-masking



ARITECH MOTION PIR

EV1012PI

- 16 metre range
- Volumetric PIR
- 1 continuous curtains at 25 m distance
- Pet Immune



ARITECH MOTION PIR

EV1116

- Selectable coverage pattern using mirror masks
- Auto focus with constant range sensitivity
- No adjustment required for different mounting heights



ARITECH MOTION PIR

EV1116AM

- Selectable coverage pattern using mirror masks
- Auto focus with constant range sensitivity
- No adjustment required for different mounting heights
- Anti-masking



ARITECH CEILING MOUNT PIR

EV669

- 'Step & Gliding Focus Multi Curtain' mirror optic
- Sealed optics
- Plug-in electronics
- ASIC with '4D' processing



REQUEST TO EXIT SENSOR

RCR-REX-W

- Incorporates two Form C output relay contacts
- Includes mask for easy adjustment of PIR field of view
- Swing open design allows easy adjustment
- Swing open design allows easy adjustment



ARITECH VECTOR MOTION SENSOR

VE1120

- Step and Gliding Focus, Multi-Curtain Mirror
- Vector Verified Enhanced Detection Algorithm
- Plug-in Electronics



ARITECH VECTOR MOTION SENSOR

VE1120AM

- Step and Gliding Focus, Multi-Curtain Mirror
- Vector Verified Enhanced Detection Algorithm
- SCEC Approved to SL3 (SEEPL)
- Anti-masking



ARITECH LONG RANGE SENSOR

VE735

- 20 m volumetric + 60 m long range
- High density mirror optics
- Patented PYRO electric sensor



ARITECH ANTI-MASKING LONG RANGE SENSOR

VE735AM

- 20 m volumetric + 60 m long range
- High density mirror optics
- Patented PYRO electric sensor
- SCEC Approved to SL3 (SEEPL)



Aritech / 360° Sensors



ARITECH 10M CEILING MOUNT 360 PIR

EV669

- 360deg, 18 curtains, 20 m D
- Step & Gliding Focus Multi Curtain mirror optic
- Plug-in electronics
- ASIC with '4D' processing



ARITECH ANTI-MASKING DUAL-TECH CEILING SENSOR

DD669

- Dual Motion Sensor
- 4D processing for reduced nuisance alarms
- 20 m coverage
- 2.5-5.0 m mounting height



ARITECH ANTI-MASKING DUAL-TECH CEILING SENSOR

DD669AM

- 20 m coverage
- 2.5-5.0 m mounting height
- Anti-masking
- SCEC Approved to SL3 (SEEPL)

Aritech / Reed Switch



ARITECH MAGNAPULL REED

1005-N

- NC
- Pull-apart cord
- Natural finish



ARITECH SURFACE MOUNT REED SWITCH 15.9MM GAP WHITE NC

1035-N

- Quick tape mounting, no screws or glue needed
- Urethane/acrylic tape bonding improves with age
- Attractive, low-profile design
- Ideal for thin-frame windows or on sliding glass doors



ARITECH SURFACE MOUNT REED SWITCH 25.4MM GAP WHITE NC

1035W-N

- Quick tape mounting, no screws or glue needed
- Urethane/acrylic tape bonding improves with age
- Attractive, low-profile design
- Ideal for thin-frame windows or on sliding glass doors



ARITECH SURFACE MOUNT REED SWITCH 31.8MM GAP WHITE NC

1045T-N

- Rugged design for industrial applications
- Easy installation screw terminals
- Concealed terminals
- Wide gap models provide faster installation and fewer false alarms



ARITECH SURFACE MOUNT REED SWITCH 76MM GAP WHITE

1045W-N

- Rugged design for industrial applications
- Easy installation screw terminals
- Wide gap models provide faster installation and fewer false alarms
- Concealed terminals



ARITECH RECESSED REED SWITCH PRESS FIT 12.7MM GAP WHITE NC

1075-N

- 12.7 mm gap, 9.5 mm diameter
- Heavy-duty housing resists crushing
- Unobtrusive and neat
- Attractive, added security of recessed installation



Aritech / Reed Switch (Cont.)



ARITECH STEEL RECESSED REED SWITCH 19MM GAP WHITE

1076CW-N

- 19 mm Gap, 19 mm diameter
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability



ARITECH STEEL RECESSED REED SWITCH 12.7MM GAP WHITE

1076H-N

- 12.7 mm Gap, 25.4 mm diameter
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability



ARITECH STEEL RECESSED REED SWITCH 25.4MM GAP WHITE

1076W-N

- 25.4 mm Gap, 25.4 mm diameter
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability



ARITECH STEEL RECESSED REED SWITCH 9.5MM GAP MAHOGANY NC

1078C-M

- 9.5 mm Gap, 19 mm diameter
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability



ARITECH STEEL RECESSED REED SWITCH 9.5MM GAP WHITE NC

1078C-N

- 9.5 mm Gap, 19 mm diameter
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability



ARITECH STEEL RECESSED REED SWITCH 19MM GAP WHITE NC

1078CW-N

- 19 mm Gap, 19 mm diameter
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability



ARITECH STEEL RECESSED REED SWITCH 12.7MM GAP WHITE NC

1078-M

- 12.7 mm Gap, 25.4 mm diameter
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability



ARITECH STEEL RECESSED REED SWITCH 12.7MM GAP MAHOGANY NC

1078-N

- 12.7 mm Gap, 25.4 mm diameter
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability



ARITECH STEEL RECESSED REED SWITCH 25.4MM GAP WHITE NC

1078W-N

- 25.4 mm Gap, 25.4 mm diameter
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability



ARITECH SURFACE MOUNT REED SWITCH 15.9MM GAP WHITE NC

1085-N

- 15.9 mm gap
- Sealed switch assembly
- Wide gap distance allows for fast set-up, easy installation
- Mounting screws included



Aritech / Reed Switch (Cont.)



ARITECH SURFACE MOUNT REED SWITCH TERMINALS 19MM GAP

1085T-N

- WHITE NC
- 19 mm gap
- Positive clamping terminals w/captured screws and combination heads for easy installation
- Available wider gap distance helps prevent false alarms caused by loose-fitting doors and windows
- Cover, spacers and mounting hardware included



ARITECH SURFACE MOUNT REED SWITCH TERMINALS 38MM GAP

1085TW-N

- WHITE NC
- 38 mm gap
- Positive clamping terminals w/captured screws and combination heads for easy installation
- Available wider gap distance helps prevent false alarms caused by loose-fitting doors and windows
- Cover, Spacers and Mounting Hardware Included



ARITECH SURFACE MOUNT REED SWITCH 38MM GAP WHITE NC

1085W-N

- 38 mm gap
- Available wider gap distance helps prevent false alarms caused by loose-fitting doors and windows
- Cover, spacers and mounting hardware included



ARITECH STUBBY RECESSED REED SWITCH 6.4MM GAP WHITE NC

1125-N

- 6.4 mm gap, 9.5 mm diameter
- Small size perfect for thin-framed windows and doors
- Good for use in vinyl-clad and custom windows
- Ideal for pre-wiring, eliminates forcing switch and pre-wire into the same header hole



ARITECH STUBBY RECESSED REED SWITCH 19MM GAP WHITE NC

1125W-N

- 19 mm gap, 9.5 mm diameter
- Small size perfect for thin-framed windows and doors
- Good for use in vinyl-clad and custom windows
- Ideal for pre-wiring, eliminates forcing switch and pre-wire into the same header hole



ARITECH SURFACE MOUNT REED SWITCH TERMINALS 19MM WHITE NC

1285T-N

- Terminals feature self-lifting washers
- Captured screws w/combination head
- Angled terminals for easy installation
- Mounting hardware included



ARITECH REED SWITCH MAG ONLY SUITS 1078 SERIES

1840-N

- Reed switch
- Magnet only
- Suits 1078 series



ARITECH MAGNET ONLY FOR 1035 SERIES REED SWITCHES WHITE

1927-N

- Magnet only, for 1035 series
- Quick tape mounting; no screws or glues needed



ARITECH MAGNAPULL HEAVY REED GREY

2105A-G

- NC
- Magnapull heavy duty magnetic pull apart reed
- 90 cm stainless steel armoured cable



ARITECH SURFACE MOUNT REED 76MM GAP ALUMINIUM

2202A-L

- 76 mm Gap, NC
- Miniature, low-profile design
- Wide working gap for overhead doors
- 45 cm stainless steel armoured cable



Aritech / Reed Switch (Cont.)



ARITECH SURFACE MOUNT COWMAGNET REED 76MM GAP

2202A-L28

- Aluminium, 76 mm Gap, NC
- Miniature, low-profile design
- Wide working gap for overhead doors
- 45 cm stainless steel armoured cable



ARITECH SURFACE MOUNT UNIVERSAL REED 76MM GAP

2202AU-L

- Aluminium, 76 mm Gap, NC
- Miniature, Low-profile Design
- Wide Working Gap for Overhead Doors
- 45 cm stainless steel armoured cable



ARITECH SURFACE MOUNT EXTRA HEAVY DUTY REED 76MM GAP

2205A-L

- Aluminium, 76 mm Gap, NC
- Miniature, Low-profile Design
- Wide Working Gap for Overhead Doors
- 90 cm stainless steel armoured cable



ARITECH SURFACE MOUNT REED 63MM GAP ALUMINIUM

2207AH-L

- 19 mm to 63.5 mm Gap, SPDT
- Miniature, Low-profile Design
- Aluminium Bar Stock Resists Corrosion in Harsh Environments
- 90 cm stainless steel armoured cable



ARITECH CURTAIN DOOR MOUNT REED 76MM WIDE GAP

2302A-L

- 76 mm Gap, NC
- Designed specifically for curtain style overhead doors
- Interlocking mounting bracket
- 60 cm stainless steel armoured cable



ARITECH SURFACE MOUNT INDUSTRIAL REED 76MM WIDE GAP

2505A-L

- Aluminium, 76 mm Gap, NC
- Wide gap distance for decreased installation time
- Fewer false alarms
- 90 cm stainless steel armoured cable



ARITECH SURFACE MOUNT INDUSTRIAL REED 63.5MM WIDE GAP

2507AH-L

- Aluminium, 19 mm to 63.5 mm Gap, SPDT
- Wide gap distance for decreased installation time
- Fewer false alarms
- 90 cm stainless steel armoured cable



ARITECH SURFACE MOUNT HIGH-SECURITY REED 16MM GAP

2727A-L

- Aluminium, 5 mm to 16 mm Gap, DPDT
- Triple-biased reeds make defeat of the switch with an external magnet virtually impossible
- Magnetic field tamper for added security
- 90 cm stainless steel armoured cable

Aritech / Outdoor / Long Range Sensors



LONG RANGE PIR SENSOR

VE735

- 60 m long range / 20 m volumetric
- Indoor use only



ANTI-MASKING LONG RANGE PIR SENSOR

VE735AM

- 60 m long range / 20 m volumetric
- Anti-masking
- Indoor use only



Guardall / Volumetric Motion Sensors



PIR SENSOR

- 15 m coverage
- Optional PetWise mode

GP15



QUAD SENSOR

- 20 m coverage
- Optional PetWise mode

GQ20



DUAL-TECH SENSOR

- 20 m coverage
- PetWise / CloakWise modes

GD20

Guardall / Volumetric Motion Sensors



CEILING SENSOR

- 9.3 m coverage
- 2.4-3.6 m mounting height
- Optional low sensitivity mode

GCQ



DUAL-TECH CEILING SENSOR

- 9.3 m coverage
- 2.4-3.6 m mounting height
- Optional low sensitivity mode
- PetWise / CloakWise modes

GCD

RISCO Hardwired Detectors / DigiSense Motion Detectors



RISCO DIGISENSE GRADE 2 PIR DETECTOR

- 15 m coverage
- Microprocessor-based Digital Signal Processing
- True Temperature Compensation

RK415PR0000C



RISCO SWIVEL BRACKET FOR RK415PR0000C DIGISENSE PIR

- Suits RK415PR0000C DigiSense Detector only

RA415PR0000A



RISCO DIGISENSE GRADE 2 PET PIR DETECTOR

- 12 m coverage
- Variable Pet Threshold (VPT™)
- True Temperature Compensation

RK412PT0000C



RISCO CEILING MOUNT BRACKET FOR DIGISENSE DETECTOR

- Suits DigiSense Detectors

RA900000000A



RISCO WALL MOUNT BRACKET FOR DIGISENSE DETECTOR

- Suits DigiSense Detectors

RA910000000A



RISCO Hardwired Detectors / **BWare BUS Commercial Motion Detectors**



RISCO BWARE BUS GRADE 3 DETECTOR

RK500QBG300A

- 15 m coverage
- Connects to the RISCO BUS
- Also available in standard relay model



RISCO BWARE BUS GRADE 2 DUAL TECH DETECTOR

RK515DTBGL0A

- 15 m coverage
- Connects to the RISCO BUS
- K-band microwave for superior performance and false alarm immunity
- Also available in standard relay model



RISCO BWARE BUS GRADE 3 DUAL TECH DETECTOR

RK515DTBG30A

- 15 m coverage
- Anti-masking
- K-band microwave for superior performance and false alarm immunity
- Also available in standard relay model



RISCO BWARE CEILING/WALL MOUNT SWIVEL BRACKET

RA51T000000A

- Suits BWare Detectors

RISCO Hardwired Detectors / **360° Detectors**



RISCO LUNAR GRADE 2 360 CEILING MOUNT PIR DETECTOR

RK2000DPC00B

- Coverage 12 m diameter
- 360° low profile ceiling mount PIR
- Digital Detector with True Temperature Compensation
- Built-in Double EOL resistors, jumper selectable

RISCO Hardwired Detectors / **Outdoor Detectors**



RISCO WATCHOUT EXTREME GRADE 3 DUAL TECH DETECTOR

RK315DT0000C

- 15-23 m coverage
- Pet friendly up to 70cm
- Two microwave and two PIR channels
- Comes with swivel bracket



RISCO WIRED DUAL TECH CURTAIN DETECTOR

RK107DTB000B

- 12 m coverage
- Relay and RISCO BUS installation
- Active IR anti-mask
- Supplied with swivel bracket



RISCO BEYOND WIRED GRADE 3 DUAL TECH DETECTOR

RA350S00000B

- 12 m coverage
- Relay and RISCO BUS installation
- K-Band microwave, 2 channels
- IP54 environmental rating

RISCO Hardwired Detectors / **ShockTec and Seismic Detectors**



RISCO SHOCKTEC GRADE 2 VIBRATION DETECTOR

RK600S00000B

- Digital Microprocessor with Intelligent Digital Signal Processing
- Gross Attack detection
- Ideal for windows, doors, walls and roofs



RISCO SHOCKTEC PLUS GRADE 3 VIBRATION DETECTOR

RK601SMG300B

- Has a magnetic reed switch for double protection
- Digital Microprocessor with Intelligent Digital Signal Processing
- Gross Attack detection, Ideal for windows, doors, walls and roofs



RISCO Hardwired Detectors / **ShockTec and Seismic Detectors** (Cont.)



RISCO SHOCKGARD GRADE 2 VIBRATION DETECTOR

GT06097A

- Full anti-tamper protection
- High immunity to low frequency false alarms
- Unique Bi-Coloured LED indication of minor or gross attack
- 2 levels of sensitivity adjustment (pot & pin)



RISCO SEISMIC DETECTOR WITH MP & TESTER

RK66S000000B

- Detection range up to 5m
- Relay and BUS installation
- Anti-drilling shield as standard
- Wall and cover tamper protection

RISCO Hardwired Detectors / **Glass Break Detectors**



RISCO VITRON PLUS GRADE 3 GLASS BREAK DETECTOR

RG71FM0G300B

- 9 m range with omni-directional microphone
- Flush, wall or ceiling mount
- Detects breakage of all glass types: plate, tempered, laminated and wired
- Remote test without opening unit

RISCO Hardwired Detectors / **Safety Devices**



RISCO WIRED FLOOD DETECTOR

RK6F0000000A

- 1.5 m cable length
- Alarms in case of flooding above the sensor level
- IP67 environmental rating

RISCO Wireless Detectors / **Motion Detectors**



RISCO IWAVE WIRELESS 2-WAY PET PIR DETECTOR

RWX95P43300B

- 9 m coverage
- 2-way wireless for higher security, reduced RF emission and remote servicing
- Pet immunity up to 36 kg
- 3yr battery life



RISCO EYEWAVE WIRELESS 2-WAY PET CAMERA PIR DETECTOR

RWX95CMP400C

- 12 m coverage
- Integrated snapshot camera VGA or QVGA resolution
- Pet immunity up to 36 kg
- Discreet IR flash allows imaging in complete darkness, up to 10m



RISCO PICCOLO WIRELESS 2-WAY PET PIR DETECTOR

RWX96P43300B

- Adjustable range of up to 10m
- Dual Element PIR sensor
- Pet immunity up to 36 kg
- 3yr battery life

RISCO Wireless Detectors / **Outdoor Detectors**



RISCO BEYOND WIRELESS 2-WAY OUTDOOR CAMERA DETECTOR

RWX350DC400B

- 12 m coverage
- Integrated snapshot high resolution colour camera
- Requires RA350S00000B or RA350SSLR00A Swivel Bracket
- Dual Tech



RISCO BEYOND WIRELESS 2-WAY OUTDOOR DETECTOR

RWX350D0400A

- 12 m coverage
- Integrated snapshot high resolution colour camera
- Requires RA350S00000B or RA350SSLR00A Swivel Bracket
- Dual Tech



RISCO Wireless Detectors / Outdoor Detectors (Cont.)



RISCO BEYOND 180 DEGREE SWIVEL BRACKET

RA350S00000B

- Suits RK350DT0000B, RWX350DC400B, RWX350D0400A



RISCO BEYOND 180 DEGREE SOLAR SWIVEL BRACKET

RA350SSLR00A

- Suits RWX350DC400B, RWX350D0400A



RISCO WIRELESS 2-WAY DUAL TECH CURTAIN DETECTOR

RWX107DT400B

- Coverage up to 12m
- Dual Tech
- True Temperature Compensation
- Comes with swivel bracket

RISCO Wireless Detectors / Reed Switches



RISCO WIRELESS 2-WAY DOOR/WINDOW CONTACT

RWX73M43300D

- Built in magnetic contact
- Selective input termination: NO, NC, DEOL
- Fully supervised
- Tamper protection: Back + Cover



RISCO WIRELESS 2-WAY SHOCK AND CONTACT DETECTOR

RWT62W43300C

- Tri-colour LED enables accurate and reliable calibration
- Digital Microprocessor with Intelligent Digital Signal Processing
- Gross Attack detection
- Wall and cover tamper protection

RISCO Wireless Detectors / Glass Break Detectors



RISCO VITRON WL 2-WAY ACOUSTIC GLASS BREAK DETECTOR

RWT6G043300C

- 9 m range with omni-directional microphone
- Detects breakage of all glass types: plate, tempered, laminated and wired
- Remote test without opening unit
- Comes with swivel bracket



RISCO VITRON GLASS BREAK TESTER

RG65

- Simulates glass-break sounds
- Used to verify proper installation of Vitron Glass Break
- Auto/Manual operation modes

RISCO Wireless Detectors / Safety Devices



RISCO WIRELESS 2-WAY SMOKE AND HEAT DETECTOR

RWX35S00400C

- Wireless combined smoke and heat detector
- Heat only mode for installation in challenging areas
- Four temperature sensors enable earlier detection
- Heat/Rise/Photo Electric



RISCO WIRELESS FLOOD DETECTOR

RWT6FW43300B

- 2.4 m cable between flood sensor and wireless transmitter for high mounting
- Digital Microprocessor with Intelligent Digital Signal Processing
- Fully supervised
- Cover & Back Tamper protection for transmitter



Special Applications Reed Switches



STEEL DOOR REED SWITCH - WIRED

1078C-N

- 9.5 mm Gap
- Normal Closed (NC)
- Steel Door 19 mm Diameter



STEEL DOOR REED SWITCH - WIRED

1078-N

- 12.7 mm Gap
- Normal Closed (NC)
- Steel Door 25 mm Diameter



ROLL-A-DOOR REED SWITCH - WIRED

2202A-L28

- 76 mm Gap
- Normal Closed (NC)
- Overhead w/ CowMagnet
- Armoured Cable



ROLL-A-DOOR REED SWITCH - WIRED

2202AU-L

- 76 mm Gap
- Normal Closed (NC)
- Overhead Universal Magnet
- Armoured Cable



SPECIAL APPLICATION - WIRED

2302A-L

- 76 mm Gap
- Normal Closed (NC)
- Curtain Door Mount
- Armoured Cable



SPECIAL APPLICATION - WIRED

2707A-L

- 4.7-15.8 mm Gap
- Triple Biased, SPDT
- Armoured Cable



SURFACE MOUNT - WIRED

1035W-N

- 15.9 mm Gap
- Normal Closed (NC)



STEEL DOOR REED SWITCH- WIRED

SC-36WHT-9.5X17NIKL-MAX140WH-1

- 9.5 mm Gap
- Normal Closed (NC)
- Steel Door 19 mm Diameter



STEEL DOOR TECOM REED SWITCH - WIRED

5C-36-WHITE-10K+10K

- 9.5 mm Gap W/ DEOL 10K (10K+10K)
- Normal Closed (NC)
- Steel Door 19 mm Diameter



SPECIAL APPLICATION - WIRED

5C-56A

- 40 mm Gap
- Normal Closed (NC)
- Armoured Cable



ROLL-A-DOOR REED SWITCH - WIRED

5C-55ZL

- 50-60 mm Gap
- Normal Closed (NC)
- Armoured Cable



Special Applications Reed Switches (Cont.)



SURFACE SCREW MOUNT - WIRED

WSS60

- 50 mm Gap
- Normal Closed (NC)



STUBBY FLUSH MOUNT - WIRED

WSF43

- 20 mm Gap
- 9.5 Diameter

Smoke Detectors



DAS S2001 RATE OF RISE HEAT DETECTOR

S2001

- Operating temperature 0-60 degrees
- Sensitivity 30 degrees in 30 seconds



HONEYWELL PHOTO SMOKE ALARM 4-WIRE 12V/24V WITH 9V BATT

2012/24AUSI

- 12V/24V with 9V batt, AS3786:2014
- 9-24 VDC operation
- On-board 9 volt back-up battery
- CSIRO certified and listed to AS3786:2014



HONEYWELL PHOTOELECTRIC CONVENTIONAL SMOKE DETECTOR

ECO1003A

- PHOTOELECTRIC
- 9-24 VDC operation
- Automatic drift compensation
- Approved to EN54-7:2000 (Amendment 1)



HONEYWELL ECO1000 HEAT DETECTOR 78DEG C FIXED

ECO1004TA

- 78°C Fixed Thermal detector
- 12-24 VDC operation
- Approved to N54-5:2000 (amendment 1) Class BS



HONEYWELL ECO1000 HEAT DETECTOR 58DEG C ROR

ECO1005A

- 58°C Rate of Rise Thermal Detector
- 12-24 VDC operation
- Approved to EN54 - 5:2000 Class A1R



HONEYWELL ECO1000 HEAT DETECTOR 58DEG C FIXED

ECO1005TA

- 58°C Fixed Thermal Detector
- 12-24 VDC operation
- Approved to EN54 - 5:2000 (amendment 1) Class A2S



HONEYWELL ECO1000 RELAY LATCHING BASE 12V

ECO1000BREL12L

- Detector Base for ECO1000 ranges
- Latching relay output (12 VDC)



HONEYWELL ECO1000 RELAY NON-LATCHING BASE 12V

ECO1000BREL12NL

- Detector Base for ECO1000 ranges
- Non-Latching relay output (12 VDC)



Other Sensors



SHATTERPRO 3 GLASSBREAK

5815NT

- 7.6 m range
- LED indicator
- Hand-clap test



RLS-2020S INDOOR/OUTDOOR OPTEX REDSCAN POE LASER SCAN

50067

- 20 m x 20 m 95° vertical or horizontal detection
- ≥ 2.0 m (indoors) ≥ 4 m (outdoors) mounting height
- Anti-rotation, Anti-masking, Soiling, Trouble & Tamper
- IP rating 66



RLS-3060V INDOOR/OUTDOOR OPTEX REDSCAN PRO LONG-RANGE LIDAR

50385

- Long-range LiDAR detector for high security applications
- 30mx60 m 190° vertical or horizontal detection
- ≥ 2.0 m (indoors) ≥ 4 m (outdoors) mounting height
- Eight independent detection zones
- IP rating 66



RLS-50100V INDOOR/OUTDOOR OPTEX REDSCAN PRO LONG-RANGE LIDAR

50386

- Long-range LiDAR detector for high security applications
- 50mx100 m 190° vertical or horizontal detection
- ≥ 2.0 m (indoors) ≥ 4 m (outdoors) mounting height
- Eight independent detection zones
- IP rating 66



OVS-01CC OPTEX OUTDOOR VIRTUAL LOOP VEHICLE PRESENCE SENSOR

9216

- 0.8 to 8 m range @ 0.5 m mounting height
- Microwave : 24GHz
- No in ground or on ground device required
- Detectable Vehicle Speed 2 to 60 km/h
- IP rating 65



OVS-01GT OPTEX OUTDOOR VIRTUAL LOOP VEHICLE PRESENCE SENSOR

9235

- 1 to 8 m range @ 0.5 m mounting height
- Microwave : 24GHz, Ultrasonic : 56kHz
- No in ground or on ground device required
- Detectable Vehicle Speed 2 to 20 km/h
- IP rating 65

HALO Smart Sensors



HALO-2C MULTI LOT SENSOR 2YR

HALO-2C

- Air Quality Monitoring- Vape Detection-CO² Detection
- Halo Cloud for Automated Reports
- Gun Shot Detection-Aggression Detection
- Disease Prevention



HALO-3C MULTI LOT SENSOR 2YR

HALO-3C

- Air Quality Monitoring- Vape Detection-CO² Detection
- Halo Cloud for Automated Reports-Panic Button Alerts
- Keyword Detection-Gun Shot Detection-Aggression Detection
- Emergency Escape and Alert Lighting







HALO-3C-PC MULTI LOT SENSOR WITH PEOPLE COUNTING 2YR

HALO-3C-PC

- Air Quality Monitoring- Vape Detection-CO² Detection
- Halo Cloud for Automated Reports-Panic Button Alerts
- Keyword Detection-Gun Shot Detection-Aggression Detection
- Occupancy and People Counting-Motion Detection






Wireless Devices / Inovonics / Sensors




	INDOOR HIGH TRAFFIC BATTERY OPERATED QUAD PIR WIRELESS <ul style="list-style-type: none"> • 8 m 90° wide detection • 2.0- 2.3 m mounting height • Battery Operated with Intelligent adjustable sleep timer • Pet immunity with Quad element • Digital signal processing to reduce false alarms 	EN1262HT
	INDOOR BATTERY OPERATED QUAD PIR WIRELESS SENSOR <ul style="list-style-type: none"> • 8 m 89° wide detection • 2.1- 2.3 m mounting height • Battery Operated with 90 second sleep timer • Pet immunity with Quad element • Digital signal processing to reduce false alarms 	EN1263
	INDOOR BATTERY OPERATED 360° PIR WIRELESS SENSOR <ul style="list-style-type: none"> • 14 m 360° detection range • 2.4- 4.8 m mounting height • Battery Operated with Intelligent adjustable sleep timer • PYRO sensor element 	EN1266
	GLASSBREAK DETECTOR <ul style="list-style-type: none"> • 8 m 180° detection radius • Omni-directional glassbreak detector • Self-monitoring, self-testing 	EN1248

ADD-ON COMPONENTS

Wireless Devices / Inovonics / Repeaters

	HIGH POWER REPEATER <ul style="list-style-type: none"> • Ideal for large areas such as installations in campuses, sites with detached buildings, or multi-story complexes • Includes backup battery • Fully supervised • Easy to install. Just mount and plug in. (no programming) 	EN5040
	TECOM INOVONICS ECHOSTREAM WIRELESS DGP <ul style="list-style-type: none"> • Max 32 transmitters per DGP, 240 per system • ES/EN transmitters only • For use with Tecom Challenger 	TS0825E
	WIRELESS ZONE RECEIVER <ul style="list-style-type: none"> • Max 48 transmitters • For use with Reliance 	NX1248

Wireless Devices / Inovonics / Receivers

	4 ZONE ADD-ON RECEIVER WITH RELAYS <ul style="list-style-type: none"> • 4 Form C relay alarm outputs • 1 Form C relay fault output • 4 X points/transmitters • Outputs can be configured in follower, latching, momentary, or toggle modes independently 	EN4204R
	16 ZONE ADD-ON RECEIVER WITH RELAYS <ul style="list-style-type: none"> • 5 Form C relay alarm outputs • 1 Form C relay fault output • 16 X points/transmitters • Outputs can be configured in follower, latching, momentary, or toggle modes independently 	EN4216MR
	32 ZONE MULTI-CONDITION RECEIVER WITH RELAYS <ul style="list-style-type: none"> • 11 Form C relay alarm outputs • 1 Form C relay fault output • 32 X points/transmitters • Outputs can be configured in follower, latching, momentary, or toggle modes independently 	EN4232MR



Wireless Devices / Inovonics / **Pendants**



SINGLE-BUTTON WATER-RESISTANT SUPERVISED PENDANT

EN1223S

- Can be worn in the shower, bathtub or rain
- Neck cord and belt clip included for easy conversion
- Fully supervised to help ensure reliability



DOUBLE-BUTTON WATER-RESISTANT SUPERVISED PENDANT

EN1223D

- Can be worn in the shower, bathtub or rain, fully supervised to help ensure reliability
- Double-button design reduces false alarms
- Neck cord and belt clip included for easy conversion
- LED dimmed to minimize observation of alarm activation



SINGLE-BUTTON NECKLACE SUPERVISED PENDANT

EN1233S

- Easy single-button activation
- Can be worn as a neck pendant or mounted for fixed position signalling
- LED flashes with all transmissions, ensuring operation at a glance
- Necklace included



SINGLE-BUTTON BELT CLIP SUPERVISED PENDANT

EN1235S

- Easy single-button activation
- Can be worn on the belt clip or mounted for fixed position signalling
- LED flashes with all transmissions, ensuring operation at a glance
- Belt clip included



SINGLE-BUTTON FIXED POSITION SUPERVISED PENDANT

EN1235SF

- Easy single-button activation
- Fixed Position with tamper detection
- LED flashes with all transmissions, ensuring operation at a glance



DOUBLE-BUTTON NECKLACE SUPERVISED PENDANT

EN1233D

- Double-button design reduces false alarms
- Can be worn as a neck pendant or mounted for fixed position signalling
- LED flashes with all transmissions, ensuring operation at a glance
- Necklace included



DOUBLE-BUTTON BELT CLIP SUPERVISED PENDANT

EN1235D

- Double-button design helps prevent false alarms
- Can be worn on the belt clip or mounted for fixed position signalling
- LED flashes with all transmissions, ensuring operation at a glance
- Belt clip included



DOUBLE-BUTTON FIXED POSITION SUPERVISED PENDANT

EN1235DF

- Double-button design helps prevent false alarms
- Fixed Position with tamper detection
- LED flashes with all transmissions, ensuring operation at a glance



DOUBLE-BUTTON DUAL CONDITION BELT CLIP SUPERVISED PENDANT

EN1238D

- Activates two different alarm conditions
- Fixed Position with tamper detection
- LED flashes with all transmissions, ensuring operation at a glance
- Belt clip included



DOUBLE-BUTTON THREE CONDITION BELT CLIP SUPERVISED PENDANT

EN1236D

- Activates three different alarm conditions
- Can replace EN1235D & EN1238D
- LED flashes with all transmissions, ensuring operation at a glance
- Belt clip included



FOUR BUTTON FOUR CONDITION BELT CLIP SUPERVISED PENDANT

EN1224

- Activates a number of different alarm conditions
- Can be worn on the belt clip or mounted for fixed position signalling
- LED flashes with all transmissions, ensuring operation at a glance
- Belt clip included



Wireless Devices / Inovonics / **Pendants (Cont.)**



FOUR BUTTON FOUR CONDITION ON / OFF PENDANT

EN1224-ON

- Buttons configured for on/off applications
- Can be worn on optional belt clip or mounted for fixed position signalling
- LED flashes with all transmissions, ensuring operation at a glance
- Belt clip not included

Wireless Devices / Inovonics / **Transmitters**



SINGLE INPUT UNIVERSAL

EN1210

- Mounting bracket included for quick and easy installation
- Can be used with almost any standard NO/NC contact
- Fully supervised
- Includes case tamper protection



SINGLE INPUT UNIVERSAL EOL

EN1210EOL

- Mounting bracket included for quick and easy installation
- End of line resistor supervision
- Fully supervised
- Includes case tamper protection



DOOR/WINDOW WITH REED SWITCH

EN1210W

- Contains wired input and magnetic reed switch input, Fully supervised
- For use with almost any standard NO/NC contact
- Mounting bracket included for quick and easy installation
- Includes case tamper protection



DUAL INPUT UNIVERSAL TRANSMITTER

EN1212

- Supports dual inputs
- Can be used with almost any standard NO/NC contact
- Fully supervised
- Includes case tamper protection



UNIVERSAL WITH WALL TAMPER

EN1215EOL

- Can be used with almost any standard NO/NC contact
- End of line resistor supervision
- Screw closure housing and wall tamper switch provide additional security
- Fully Supervised



DOOR/WINDOW WITH WALL TAMPER AND EOL

EN1215WEOL

- Can be used with almost any standard NO/NC contact
- End of line resistor supervision
- Screw closure housing and wall tamper switch provide additional security
- Fully Supervised



DUAL INPUT UNIVERSAL WITH WALL TAMPER

EN1216

- Supports dual inputs
- Screw closure housing and wall tamper switch provide additional security
- Fully Supervised



LONG RANGE DUAL INPUT UNIVERSAL TRANSMITTER

EN1252

- 250 mW (24 dBm) output power
- Housing tamper helps ensure transmitter security
- Operates using Inovonics commercial mesh network
- Can be integrated with an electronic remote application controller



Wireless Devices / **Aperio**



APERIO GEN 5 WIRELESS COMMUNICATIONS HUB 1:8 RS485

AH30-3-0

- Connect up to 8 Aperio devices on a single hub
- RS485 interface
- Encrypted radio communication
- LED status for visual indication



APERIO GEN 5 WIRELESS

AH40-4-0

- Connect up to 8 Aperio Devices to a single hub
- Encrypted Radio Communications
- Integrated antenna
- Led Status for visual indication



APERIO R100 CARD READER NO HUB

R100-IPS-B

- Wireless online access control
- High security Grade 1 asset protection with audit control
- Low maintenance with 35,000 cycles of operation with a single CR2 battery
- Ideal for Glass Door entry ways



APERIO AU100 V3 KEYPAD+READER+BLE 530 VERSION

AU103BMU2SC1/1

- Supports multiple high frequency RFID technologies and Seos mobile access
- Fire rated
- Supplied with Lockwood 530 Latch
- Suit 35-50 mm Door thickness



APERIO AU100 V3 KEYPAD+READER+BLE 530 VER BUNDLE

AU103BMU2SC1/1/B

- Supports multiple high frequency RFID technologies and Seos mobile access
- Fire rated
- Supplied with Lockwood 3772 series mechanical mortice lock
- Suit 35-50 mm Door thickness



APERIO AU100 V3 KEYPAD + READER + BLE 3772 VERSION

AU103BMU2SC1/2

- Supports multiple high frequency RFID technologies and Seos mobile access
- Fire rated
- Compatible with Lockwood 3772 series mechanical mortice locks
- Suit 35-50 mm Door thickness



APERIO AU100 V3 KEYPAD+READER+BLE 3772 VER BUNDLE

AU103BMU2SC1/2/B

- Supports multiple high frequency RFID technologies and Seos mobile access
- Fire rated
- Supplied with Lockwood 3772 series mechanical mortice lock
- Suit 35-50 mm Door thickness



APERIO AU100 V3 KEYPAD+READER+BLE 5782 VERSION

AU103BMU2SC1/3

- Supports multiple high frequency RFID technologies and Seos mobile access
- Fire rated
- Compatible with Lockwood 5782 Series Mechanical Mortice Locks
- Suit 35-50 mm Door thickness



APERIO AU100 V3 KEYPAD+READER+BLE 5782 VER BUNDLE

AU103BMU2SC1/3/B

- Supports multiple high frequency RFID technologies and Seos mobile access
- Fire rated
- Supplied with Lockwood 5782 series mechanical narrow mortice lock
- Suit 35-50 mm Door thickness



APERIO E100 V3 ESCUTCHEON DOOR MULTI CLASS BLE

E103MUB1SS1

- Supports multiple high frequency RFID technologies and Seos mobile access
- Remote door opening/locking functions
- Compatible with Lockwood 3772 series mechanical mortice locks
- Suit 35-45 mm Door thickness



Wireless Devices / **Aperio** (Cont.)



APERIO E100 V3 ESCUTCHEON MULTI CLASS BLE BUNDLE

E103MUB1SS1/3772

- Supports multiple high frequency RFID technologies and Seos mobile access
- Remote door opening/locking functions
- Supplied with Lockwood 3772 series mechanical mortice lock
- Suit 35-45 mm Door thickness



APERIO E100 V3 ESCUTCHEON DOOR MULTI CLASS BLE

E103MUB1SS2

- Supports multiple high frequency RFID technologies and Seos mobile access
- Remote door opening/locking functions
- Compatible with Australian mechanical mortice locks
- Suit 35-45 mm Door thickness



APERIO E100 V3 ESCUTCHEON MULTI CLASS BLE BUNDLE

E103MUB1SS2/3772

- Supports multiple high frequency RFID technologies and Seos mobile access
- Remote door opening/locking functions
- Supplied with Lockwood 3772 series mechanical mortice lock
- Suit 46-55 mm Door thickness



APERIO E100 V3 ESCUTCHEON MULTI CLASS BLE

E103MUB1SS3

- Supports multiple high frequency RFID technologies and Seos mobile access
- Remote door opening/locking functions
- Compatible with Australian mechanical mortice locks
- Suit 56-65 mm Door thickness



APERIO E100 V3 ESCUTCHEON MULTI CLASS BLE BUNDLE

E103MUB1SS3/3772

- Supports multiple high frequency RFID technologies and Seos mobile access
- Remote door opening/locking functions
- Supplied with Lockwood 3772 series mechanical mortice lock
- Suit 56-65 mm Door thickness



APERIO H100 HANDLE LEFT 8MM SPINDLE BLE SATIN PEARL

H100B8L-SC-AU

- Supports multiple high frequency RFID technologies and Seos mobile access
- Robust, wireless device designed for high-traffic environments
- Compatible with Australian mechanical mortice locks
- LED for instant status visualisation



APERIO H100 HDL LEFT 8MM SPINDLE BLE SAT PRL BUNDLE

H100B8L-SC-AU-B

- Supports multiple high frequency RFID technologies and Seos mobile access
- Robust, wireless device designed for high-traffic environments
- Supplied with Lockwood 3772 series mechanical mortice lock
- LED for instant status visualisation



APERIO H100 HANDLE RIGHT 8MM SPINDLE BLE SATIN PEARL

H100B8R-SC-AU

- Supports multiple high frequency RFID technologies and Seos mobile access
- Robust, wireless device designed for high-traffic environments
- Compatible with Australian mechanical mortice locks
- LED for instant status visualisation



APERIO H100 HDL RT 8MM SPINDLE BLE SAT PRL BUNDLE

H100B8R-SC-AU-B

- Supports multiple high frequency RFID technologies and Seos mobile access
- Robust, wireless device designed for high-traffic environments
- Supplied with Lockwood 3772 series mechanical mortice lock
- LED for instant status visualisation



APERIO RADIO DONGLE & SOFTWARE

APRD1/PAP1

- Provides communication to Aperio based products
- Multilingual installation tool
- Encrypted installation database
- Encrypted radio communication



Wireless Devices / Permaconn



RAPIDLINK 4G IP ROUTER

RL10

- MANAGED 4G LTE ROUTER
- Connectivity Made Easy
- Mission-critical applications where high network availability
- Connectivity easy for remote sites



PM54 DUAL SIM 4G & IP

PM54V2(AU)-4G

- Secure, High Speed 4G
- Enhanced Connectivity
- Easy to Use: Plug and play install with remote configuration over 4G/IP using Atlas
- Upload / Download: Remote alarm panel programming



PM45-4G DUAL SIM 4G/3G IP

PM45V3-4G

- Interfaces with any Contact ID alarm panel
- Dual SIM + IP alarm communicator
- Remote "over-the-air" alarm panel programming using 4G/3G or IP path
- Communicator automatically switches between 4G and 3G networks



MP24 SINGLE SIM 4G COMPACT

PM24V1

- Secure, High Speed 4G
- Cat M1 network designed for machine-to-machine comms
- No Drilling or Screws: Attaches magnetically to alarm panel enclosure
- Smartphone Control: Works with Pocket Secure and Atlas



3DB HIGH-GAIN ANTENNA

ANTH3G

- For 4G/3G communicators
- Includes 3 m Low Loss Coaxial Cable
- Includes Wall Mount



3 M EXTENSION CABLE

EXT3

- Extend the 3G input or 4G input on RapidLink or PM devices
- 3 m length



5 M EXTENSION CABLE

EXT5

- Extend the 3G input or 4G input on RapidLink or PM devices
- 5 m length



10 M EXTENSION CABLE

EXT10

- Extend the 3G input or 4G input on RapidLink or PM devices
- 10 m length



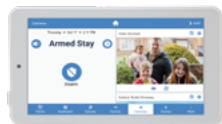
Wireless Devices / Alula



BAT-CONNECT-A GATEWAY ETHERNET WI-FI 4G/5G

BAT-CONNECT-A

- Comes with SIM card included
- Three network connectivity paths: Cellular, Ethernet, and Wi-Fi
- Key-switch arming for remote control of most legacy panels
- Optional remote control is available via the Alula app



SLIMLINE TOUCHPAD PRO (TWO WAY AUDIO)

RE667W-PRO

- 7" Touchscreen
- Connect up to four on a single system
- Includes two way audio



SLIMLINE TOUCHPAD

RE667W

- 7" Touchscreen
- Connect up to four on a single system



OUTDOOR 1080P HD BULLET CAMERA GEN 2 AI WIFI/ETHERNET

CAM-DB-HS2-AI

- 2K HD video
- Night Vision to 5 metres
- Audio functionality (requires RE667W-PRO)
- Motion Detection



INDOOR 360 CAMERA PTZ WITH TWO-WAY AUDIO

CAM-360-JS1

- 1080P HD video
- Night Vision to 10 metres
- Micro SD card included



OUTDOOR 1080P HD BULLET CAMERA GEN 2 AI WIFI AND ETHERNET

CAM-OD-HS2-AI

- 1080P HD video
- Night Vision to 12 metres
- Micro SD card included
- IP66



Z-WAVE CARD FOR BAT-CONNECT

RE934Z-AU

- Allows the connection of third party Z-Wave devices
- Enables a broad range of home automation features



Z-WAVE 1 DOOR RELAY

DHS-LIT-SWW-QUB-01D

- Single channel
- 1 voltage-free dry contact
- Capable of controlling lights and appliances up to 10A
- Connects wirelessly with BAT-CONNECT with Z-Wave card



Readers / **RISCO**



RISCO BUS DOOR READER

RP432DOR000A

- For RISCO LightSYS+
- Connects to the RISCO BUS
- Reading Distance: up to 1.2 cm for tags
- Can be installed up to 300 m from the Main Panel

Readers / **HID**



HID SIGNO 20 READER PIGTAIL STANDARD PROFILE

20NKS-00-000000

- Narrow card reader
- HID Mobile ID's/Seos/iCLASS SE/iCLASS SR/iCLASS/Mifare/Desfire EV1,2,3/Mifare Classic/Prox
- Pigtail wiring connection



HID SIGNO 20 READER PIGTAIL SEOS PROFILE

20NKS-01-000000

- Narrow card reader
- HID Mobile ID's/Seos
- Pigtail wiring connection



HID SIGNO 20 READER PIGTAIL SMART PROFILE

20NKS-02-000000

- Narrow card reader
- HID Mobile ID's/Seos/iCLASS SE/iCLASS SR/iCLASS/Mifare/Desfire EV1,2,3/Mifare Classic
- Pigtail wiring connection



HID SIGNO 20 PRIORITY READER PIGTAIL STD PROFILE

20NKS-T0-000000

- Narrow card reader
- HID Mobile ID's/Seos/iCLASS SE/iCLASS SR/iCLASS/Mifare/Desfire EV1,2,3/Mifare Classic
- Pigtail wiring connection



HID SIGNO 20 PRIORITY READER PIGTAIL SEOS PROFILE

20NKS-T1-000000

- Narrow card reader
- HID Mobile ID's/Seos
- Pigtail wiring connection



HID SIGNO 20 PRIORITY READER PIGTAIL SMART PROFILE

20NKS-T2-000000

- Narrow card reader
- HID Mobile ID's/Seos/iCLASS SE/iCLASS SR/iCLASS/Mifare/Desfire EV1,2,3/Mifare Classic
- Pigtail wiring connection



HID SIGNO 20K KP READER PIGTAIL STANDARD PROFILE

20KNKS-00-000000

- Narrow card reader
- HID Mobile ID's/Seos/iCLASS SE/iCLASS SR/iCLASS/Mifare/Desfire EV1,2,3/Mifare Classic/Prox
- Keypad Reader
- Pigtail wiring connection



HID SIGNO 20K KEYPAD READER PIGTAIL SEOS PROFILE

20KNKS-01-000000

- Narrow card reader
- HID Mobile ID's/Seos
- Keypad Reader
- Pigtail wiring connection



HID SIGNO 20K PRIORITY KP READER PIGTAIL SEOS PROF

20KNKS-T1-000000

- Narrow card reader
- HID Mobile ID's/Seos
- Keypad Reader
- Pigtail wiring connection



Readers / **HID** (Cont.)



HID SIGNO 20K PRIORITY KP READER P/TAIL SMART PROF

20KNKS-T2-000000

- Narrow card reader
- HID Mobile ID's/Seos/iCLASS SE/iCLASS SR/iCLASS/Mifare/Desfire EV1,2,3/Mifare Classic
- Keypad Reader
- Pigtail wiring connection



HID SIGNO 40 READER PIGTAIL STANDARD PROFILE

40NKS-00-000000

- Wide card reader
- HID Mobile ID's/Seos/iCLASS SE/iCLASS SR/iCLASS/Mifare/Desfire EV1,2,3/Mifare Classic/Prox
- Pigtail wiring connection



HID SIGNO 40 READER PIGTAIL SMART PROFILE

40NKS-02-000000

- Wide card reader
- HID Mobile ID's/Seos/iCLASS SE/iCLASS SR/iCLASS/Mifare/Desfire EV1,2,3/Mifare Classic
- Pigtail wiring connection



HID SIGNO 40 PRIORITY READER PIGTAIL SEOS PROFILE

40NKS-T0-000000

- Wide card reader
- HID Mobile ID's/Seos
- Pigtail wiring connection



HID SIGNO 40 PRIORITY READER PIGTAIL SEOS PROFILE

40NKS-T1-000000

- Wide card reader
- HID Mobile ID's/Seos
- Pigtail wiring connection



HID SIGNO 40 PRIORITY READER PIGTAIL SMART PROFILE

40NKS-T2-000000

- Wide card reader
- HID Mobile ID's/Seos/iCLASS SE/iCLASS SR/iCLASS/Mifare/Desfire EV1,2,3/Mifare Classic
- Pigtail wiring connection



HID S3390A MULTICLASS RP10 READER

900PTNNEK00000

- Small footprint card reader
- Supports all HID technologies including Prox
- Pigtail wiring connection



HID ICLASS SE R10 READER PIGTAIL

900NTNNEK00000

- Small footprint card reader
- Supports all HID technologies except Prox
- Pigtail wiring connection



HID PROXPOINT PLUS READER CLASSIC GRAY PIGTAIL

6005BGB00

- Small sized, low cost reader
- Beeper and multi-colour LED
- Potted reader suitable for indoor or outdoor use
- 45 cm wire pigtail standard



HID SIGNO BIOMETRIC READER 25B READER/CONTROLLER

25BNKS-10-000000

- Patented Multispectral sensor
- Supports all HID High Frequency technologies and HID Mobile Access
- IP67, IK09
- Supports OSDP V2



HID RKL40 BIOMETRIC SE READER

928NFNTEKE00TE-I0206

- Optical Fingerprint Biometric Sensor
- Supports all HID High Frequency technologies
- Weigand, Clock and Data
- Illuminated Keypad and Display



Readers / IDEMIA



IDEMIA MSO330 USB FINGERPRINT ENROLMENT STATION

293783586

- USB FINGER PRINT ENROLMENT STATION
- 5000 Users
- IP54



IDEMIA MSO331 USB FINGERPRINT ENROLMENT STATION

293783573

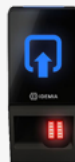
- USB FINGER PRINT ENROLMENT STATION
- FAKE FINGER DETECTION
- 5000 Users
- IP54



IDEMIA SIGMA LITE FINGERPRINT READER

293678615

- 500 users with additional licences for up to 10,000 users.
- LED Indicator / IP65 / IK08



IDEMIA SIGMA LITE P FINGERPRINT READER

293673665

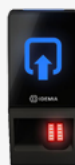
- HID Prox frequency 125 kHz
- 500 users with additional licences for up to 10,000 users.
- LED Indicator / IP65 / IK08



IDEMIA SIGMA LITE I FINGERPRINT READER

293678628

- iClass legacy, SR, SE, SEOS frequency 13.56 MHz
- 500 users with additional licences for up to 10,000 users.
- LED Indicator / IP65 / IK08



IDEMIA SIGMA LITE MD+N FINGERPRINT READER

293678636

- MIFARE®, DESFire® frequency 13.56 MHz
- NFC compatible Android smartphone app
- 500 users with additional licences for up to 10,000 users.
- LED Indicator / IP65 / IK08



IDEMIA SIGMA LITE+ P FINGERPRINT READER

293678678

- HID Prox frequency 125 kHz
- Time and Attendance
- 500 users with additional licences for up to 10,000 users.
- 2.8" TOUCHSCREEN



IDEMIA SIGMA LITE+ I FINGERPRINT READER

293673644

- iClass legacy, SR, SE, SEOS frequency 13.56 MHz
- Time and Attendance
- 500 users with additional licences for up to 10,000 users.
- 2.8" TOUCHSCREEN



IDEMIA SIGMA LITE+ MD FINGERPRINT READER

293678660

- MIFARE®, DESFire® frequency 13.56 MHz & NFC
- Time and Attendance
- 500 users with additional licences for up to 10,000 users.
- 2.8" TOUCHSCREEN



IDEMIA SIGMA EXTREME MDPI+N FINGERPRINT READER

293701737

- MIFARE®, DESFire® / iClass / HID PROX & NFC
- Time and Attendance / Intercom
- 5000 users with additional licences for up to 100,000 users.
- 5" TOUCHSCREEN / IP65 / IK09



Readers / IDEMIA (Cont.)



IDEMIA MORPHOWAVE SP MD+N CONTACTLESS FINGERPRINT SCAN

293777400

- MIFARE®, DESFire® & NFC
- 10000 users
- LED Indicator / IP65



IDEMIA MORPHOWAVE SP MDPI+N CONTACTLESS FINGERPRINT SCAN

293777380

- MIFARE®, DESFire® / iClass / HID PROX & NFC
- 10000 users
- LED Indicator / IP65



IDEMIA MORPHOWAVE SP MDPI-M+N CONTACTLESS FINGERPRINT

293777421

- MIFARE®, DESFire® / iClass / HID PROX / Mobile Access & NFC
- 10000 users
- LED Indicator / IP65



IDEMIA MORPHOWAVE XP MD+N CONTACTLESS FINGERPRINT SCAN

293722301

- MIFARE®, DESFire® & NFC
- 100000 users
- Time and Attendance / microphone & speaker
- 4.5" TOUCHSCREEN / IP65



IDEMIA MORPHOWAVE XP MDPI+N CONTACTLESS FINGERPRINT SCAN

293722319

- MIFARE®, DESFire® / iClass / HID PROX & NFC
- 100000 users
- Time and Attendance / microphone & speaker
- 4.5" TOUCHSCREEN / IP65



IDEMIA MORPHOWAVE XP MDPI-M+N CONTACTLESS FINGERPRINT

293771247

- MIFARE®, DESFire® / iClass / HID PROX / Mobile Access & NFC
- 100000 users
- Time and Attendance / microphone & speaker
- 4.5" TOUCHSCREEN / IP65



IDEMIA VISIONPASS MD FACIAL RECOGNITION

293744571

- MIFARE®, DESFire®
- 20000 users with additional licences for up to 100,000 users.
- Microphone & speaker
- 7" TOUCHSCREEN / IP65



IDEMIA VISIONPASS MDPI FACIAL RECOGNITION

293744604

- MIFARE®, DESFire® / iClass / HID PROX
- 20000 users with additional licences for up to 100,000 users.
- Microphone & speaker
- 7" TOUCHSCREEN / IP65















IDEMIA VISIONPASS MDPI-M FACIAL RECOGNITION

293767954

- MIFARE®, DESFire® / iClass / HID PROX / Mobile Access
- 20000 users with additional licences for up to 100,000 users.
- Microphone & speaker
- 7" TOUCHSCREEN / IP65



HID Credentials / Proximity Cards 125kHz - DAS Programmed

	HID PROXCARD II CLAMSHELL-BRANCH PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Branch • 125 kHz • Matte Finish • Vertical slot punched 	1326NMSNV-PRG-B
	HID PROXCARD II CLAMSHELL-MAIN(SYD) PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Main Sydney Warehouse • 125 kHz • Matte finish • Vertical slot punched 	1326NMSNV-PRG-M
	HID PROXCARD II CLAMSHELL-MAIN(SYD) PROG & PRINT <ul style="list-style-type: none"> • Program and print in DAS Main Sydney Warehouse • 125 kHz • Matte finish • Vertical slot punched 	1326NMSNV-PRGPRT-M
	HID PROXCARD II CLAMSHELL-BRANCH PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Branch • 125 kHz • Gloss Finish • Vertical slot punched 	1326NGSNV-PRG-B
	HID PROXCARD II CLAMSHELL-MAIN(SYD) PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Main Sydney Warehouse • 125 kHz • Gloss Finish • Vertical slot punched 	1326NGSNV-PRG-M
	HID PROXCARD II CLAMSHELL-MAIN(SYD) PROG & PRT <ul style="list-style-type: none"> • Program and print in DAS Main Sydney Warehouse • 125 kHz • Gloss Finish • Vertical slot punched 	1326NGSNV-PRGPRT-M
	HID PROXCARD II CLAMSHELL-BRANCH PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Branch • 125KHZ • Matte finish, Vertical slot punched • Sequential numbering on cards - preprinted by HID 	1326NMSSV-PRG-B
	HID PROXCARD II CLAMSHELL-MAIN(SYD) PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Main Sydney Warehouse • 125 kHz • Matte finish, Vertical slot punched • Sequential numbering on cards - preprinted by HID 	1326NMSSV-PRG-M
	HID ISOPROX II CARD-BRANCH PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Branch • 125 kHz • Gloss Finish • No slot punched 	1386NGGNN-PRG-B
	HID ISOPROX II CARD-BRANCH PROGRAM AND PRINT <ul style="list-style-type: none"> • Program and print in DAS Branch • 125 kHz • Gloss Finish • No slot punched 	1386NGGNN-PRGPRT-B
	HID ISOPROX II CARD-MAIN(SYD) PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Main Sydney Warehouse • 125 kHz • Gloss Finish • No slot punched 	1386NGGNN-PRG-M
	HID ISOPROX II CARD-MAIN(SYD)PROGRAM AND PRINT <ul style="list-style-type: none"> • Program and print in DAS Main Sydney Warehouse • 125 kHz • Gloss Finish • No slot punched 	1386NGGNN-PRGPRT-M



HID Credentials / Proximity Fobs 125 kHz - DAS Programmed



HID PROXKEY III FOBS-BRANCH PROGRAM ONLY

1346NNSSN-PRG-B

- Program only in DAS Branch
- 125KHZ
- Black with Grey Insert
- Sequentially numbered by HID



HID PROXKEY III FOBS-MAIN(SYD) PROGRAM ONLY

1346NNSSN-PRG-M

- Program only in DAS Main Sydney Warehouse
- 125KHZ
- Black with Grey Insert
- Sequentially numbered by HID

HID Credentials / Proximity Adhesive Tag 125 - DAS Programmed



HID MICROPROX ADHESIVE TAG-BRANCH PROGRAM ONLY

1391NSSNN-PRG-B

- Program only in DAS Branch
- 125 kHz
- Grey



HID MICROPROX ADHESIVE TAG-MAIN(SYD) PROGRAM ONLY

1391NSSNN-PRG-M

- Program only in DAS Main Sydney Warehouse
- 125 kHz
- Grey

HID Credentials / iCLASS Cards - DAS Programmed



HID iCLASS 2K/2 CLAMSHELL-BRANCH PROGRAM ONLY

3350VMSNV-PRG-B

- Program only in DAS Branch
- iCLASS SE
- Matte finish
- Vertical slot punched



HID iCLASS 2K/2 CLAMSHELL-MAIN(SYD) PROGRAM ONLY

3350VMSNV-PRG-M

- Program only in DAS Main Sydney Warehouse
- iCLASS SE
- Matte finish
- Vertical slot punched



HID iCLASS 2K/2 CLAMSHELL-MAIN(SYD) PROG & PRT

3350VMSNV-PRGPRT-M

- Program and print in DAS Main Sydney Warehouse
- iCLASS SE
- Matte finish
- Vertical slot punched



HID iCLASS ISO 2K/2-BRANCH PROGRAM ONLY

2000CGGNN-PRG-B

- Program only in DAS Branch
- iCLASS
- Gloss Finish
- No slot punched



HID iCLASS ISO 2K/2-BRANCH PROGRAM AND PRINT

2000CGGNN-PRGPRT-B

- Program and print in DAS Branch
- iCLASS
- Gloss Finish
- No slot punched











HID iCLASS ISO 2K/2-MAIN(SYD) PROGRAM ONLY

2000CGGNN-PRG-M




- Program only in DAS Main Sydney Warehouse
- iCLASS
- Gloss Finish
- No slot punched



HID Credentials / iCLASS Cards - DAS Programmed (Cont.)

	HID ICLASS ISO 2K/2-MAIN(SYD) PROGRAM AND PRINT <ul style="list-style-type: none"> • Program and print in DAS Main Sydney Warehouse • iCLASS • Gloss Finish • No slot punched 	2000CGGNN-PRGPRT-M
	HID ICLASS ISO 16K/2 CARD-BRANCH PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Branch • iCLASS • Gloss Finish • No slot punched 	2001CGGNN-PRG-B
	HID ICLASS ISO 16K/2 CARD-BRANCH PROG & PRT <ul style="list-style-type: none"> • Program and print in DAS Branch • iCLASS • Gloss Finish • No slot punched 	2001CGGNN-PRGPRT-B
	HID ICLASS ISO 16K/2 CARD-MAIN(SYD) PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Main Sydney Warehouse • iCLASS • Gloss Finish • No slot punched 	2001CGGNN-PRG-M
	HID ICLASS ISO 16K/2 CARD-MAIN(SYD) PROG & PRT <ul style="list-style-type: none"> • Program and print in DAS Main Sydney Warehouse • iCLASS • Gloss Finish • No slot punched 	2001CGGNN-PRGPRT-M
	HID ICLASS CLAMSHELL CARD-BRANCH PROGRAM ONLY <ul style="list-style-type: none"> • Program in DAS Branch • iCLASS • Matte finish • Vertical slot punched 	2080CMSNV-PRG-B
	HID ICLASS CLAMSHELL CARD-MAIN(SYD) PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Main Sydney Warehouse • iCLASS • Matte finish • Vertical slot punched 	2080CMSNV-PRG-M
	HID ICLASS CLAMSHELL CARD-MAIN(SYD) PROG & PRT <ul style="list-style-type: none"> • Program and print in DAS Main Sydney Warehouse • iCLASS • Matte finish • Vertical slot punched 	2080CMSNV-PRGPRT-M

HID Credentials / iCLASS Fobs - DAS Programmed

	HID ICLASS KEYFOB 2K/2 -BRANCH PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Branch • iCLASS • Black with blue insert 	2050CNNNN-PRG-B
	HID ICLASS KEYFOB 2K/2-BRANCH PROGRAM AND PRINT <ul style="list-style-type: none"> • Program and print in DAS Branch • iCLASS • Black with blue insert 	2050CNNNN-PRGPRT-B
	HID ICLASS KEYFOB 2K/2-MAIN(SYD) PROGRAM ONLY <ul style="list-style-type: none"> • Program only in DAS Main Sydney Warehouse • iCLASS • Black with blue insert 	2050CNNNN-PRG-M



HID Credentials / iCLASS Fobs - DAS Programmed (Cont.)



HID ICLASS KEYFOB 2K/2-MAIN(SYD) PROG & PRINT

2050CNNNN-PRGPRT-M

- Program and print in DAS Main Sydney Warehouse
- iCLASS
- Black with blue insert



HID ICLASS KEYFOB 2K/2-BRANCH PROGRAM ONLY

2050CNNSN-PRG-B

- Program only in DAS Branch
- iCLASS
- Black with blue insert
- Sequential numbering on Fobs - preprinted by HID



HID ICLASS KEYFOB-MAIN(SYD) PROGRAM ONLY

2050CNNSN-PRG-M

- Program only in DAS Main Sydney Warehouse
- iCLASS
- Black with blue insert
- Sequential numbering on Fobs - preprinted by HID

HID Credentials / iCLASS Adhesive Tag- DAS Programmed



HID ICLASS ADHESIVE TAG 2K/2-BRANCH PROGRAM ONLY

2060CKSNN-PRG-B

- Program only in DAS Branch
- iCLASS
- Black with HID standard artwork



HID ICLASS ADHESIVE TAG 2K/2-MAIN(SYD) PROGRAM ONLY

2060CKSNN-PRG-M

- Program only in DAS Main Sydney Warehouse
- iCLASS
- Black with HID standard artwork

HID Credentials / HID Mobile Access



HID MOBILE IDENTITIES ESSENTIALS USER LICENSE

MID-SUB-T050

- For new sites and subscription renewals
- Minimum order is 20 licenses
- 1 Year User license



HID MOBILE IDENTITIES ESSENTIALS ADD-ON USER LIC

MID-SUB-T050-ADD

- Adding of extra licenses to an existing site
- Minimum order is 20 licenses
- 1 Year User license



HID MOBILE IDENTITIES ESSENTIALS USER LICENSE

MID-SUB-T053

- For new sites and subscription renewals
- Minimum order is 20 licenses
- 3 Year User license



HID MOBILE IDENTITIES ESSENTIALS ADD-ON USER LIC

MID-SUB-T053-ADD

- Adding of extra licenses to an existing site
- Minimum order is 20 licenses
- 3 Year User license



HID MOBILE IDENTITIES ENTERPRISE USER LICENSE

MID-SUB-T100

- For new sites and subscription renewals
- Minimum order is 20 licenses
- 1 Year User license



HID Credentials / **HID Mobile Access** (Cont.)



HID MOBILE IDENTITIES ENTERPRISE ADD-ON USER LIC

MID-SUB-T100-ADD

- Adding of extra licenses to an existing site
- Minimum order is 20 licenses
- 1 Year User license



HID MOBILE IDENTITIES ENTERPRISE USER LICENSE

MID-SUB-T103

- For new sites and subscription renewals
- Minimum order is 20 licenses
- 3 Year User license



HID MOBILE IDENTITIES ENTERPRISE ADD-ON USER LIC

MID-SUB-T103-ADD

- Adding of extra licenses to an existing site
- Minimum order is 20 licenses
- 3 Year User license

ADD-ON COMPONENTS

HID

HID Signo reader ordering reference guide.
View in the SUPPLEMENTAL RESOURCES
section on page 117-119.

FREE PROGRAMMING & PRINTING*



when purchasing HID Cards from DAS.

We can also program your own cards*.
Contact your local branch for more info.

*Conditions apply.

Credentials / **Other**



RISCO PROX TAG BLACK 2 PACK

RP200KT2000A

- For RISCO Door Reader RP432DOR000A



RISCO PROX TAG BLACK 10 PACK

RP200KT0000A

- For RISCO Door Reader RP432DOR000A



TECOM BLACK SILICON WRISTBAND FOR HITAG2 FOB

TS1179

- Tecom Hitag 2 Silicon Wristband



Locks & Locking



LOCKWOOD 3782EL ELECTRIC MORTICE LOCK 23MM BACKSET

3782ELSS

- Full range of monitoring including REX, Dead-latch, Door position, KOM and lock status
- 9 to 28 VDC
- Fail Safe/Fail Secure field changeable
- Supplied with 3.6 m cable with 12 pin connector and water deflecting boot



LOCKWOOD ELECT MORTICE LOCK 60MM BACKSET NON- MONITORED

3570ELN0SC

- 60 mm backset. 89 and 127 mm also available
- 12 or 24 VDC
- Fail Safe/Fail Secure field changeable
- Conforms with Level D3 (durability) Australian Lock Standard AS4145.2: 1993



LOCKWOOD ELECTRIC MORTICE LOCK 60MM BACKSET MONITORED

3570ELM0SC

- Full range of monitoring incl. REX, Dead-latch, Door position, KOM and lock status
- 12 or 24 VDC
- Fail Safe/Fail Secure field changeable
- SSEC Endorsed for SL3 Medium Threat Level Areas



LOCKWOOD ELECT M/LOCK MON & LC8810 TRANSFER LEAD

LKW3570ELM0SCPTLC

- 60 mm Backset Monitored Electric Mortice Lock
- 12 or 24 VDC
- Fail Safe/Fail Secure field changeable
- Supplied with Transfer Lead



FSH FEL990M ELECTRIC MORTICE LOCK MONITORED

FEL990M

- Door position monitoring by reed switch
- Lock status monitoring
- Fail Safe/Fail Secure field changeable
- 4 hour fire rated



LOCKWOOD ES110 ELECTRIC STRIKE NON MONITORED IP56

ES110-1M

- Rated for continuous use
- 12 or 24 VDC
- Fail safe/fail secure changeable on site
- Cycle tested to 1,000,000 operations



LOX ES10 ELECTRIC STRIKE ANSI STYLE NON MONITORED IP56

ES10

- Up to 1,000 kg holding strength
- 12 or 24 VDC
- Fail Safe/Fail Secure field changeable
- IP rating 56



TRIMEC ES110 ELECTRIC STRIKE NON MONITORED IP56

110111-070M

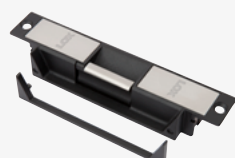
- IP rating 56
- 12 or 24 VDC
- Fail Safe/Fail Secure Field changeable
- 4 hour fire rated



LOCKWOOD ES200 ELECTRIC STRIKE NON MONITORED

ES200-1

- Up to 850 kg holding strength
- 12 or 24 VDC
- Fail Safe/Fail Secure field changeable
- 4 hour fire rated



LOX ES20 ELECTRIC STRIKE NON MONITORED

ES20

- Up to 1,100 kg holding strength
- 10 to 30 VDC
- Fail Safe/Fail Secure field changeable
- 4 hour fire rated



Locks & Locking (Cont.)



TRIMEC ES200 ELECTRIC STRIKE NON MONITORED

110201-000

- Up to 850 kg holding strength
- 12 VDC only
- Fail Safe/Fail Secure Field changeable
- 4 hour fire rated



LOCKWOOD ES2000 ELECTRIC STRIKE MONITORED

ES2000-1

- Up to 850 kg holding strength
- 12 VDC only
- Fail Safe/Fail Secure field changeable
- Fully monitored



LOX ES20M ELECTRIC STRIKE MONITORED

ES20M

- 10 mm strike lip pre-drilled for extension lips
- 10 to 30 VDC
- Fail Safe/Fail Secure field changeable



TRIMEC ES2001 ELECTRIC STRIKE MONITORED

112001-000

- Suitable for 15 mm latch bolt with 3 mm door gap
- 12 VDC only
- Fail Safe/Fail Secure Field changeable
- SCEC Endorsed



LOCKWOOD PRELOAD ELECTRIC STRIKE MONITORED IP54

ES9000

- Operates under pre load up to 25 kg
- 10 to 30 VDC
- Fail Safe/Fail Secure field changeable
- IP rating 54



LOCKWOOD ES2100 MF ELECTRIC STRIKE MON W/- REED IP54

ES2100

- Up to 1,000 kg holding strength
- 10 to 30 VDC
- Fail Safe/Fail Secure field changeable
- Fully monitored



LOCKWOOD EMZ4-SM SINGLE MAGLOCK MONITORED

770300-012

- Up to 280 kg holding strength
- 12 or 24 VDC
- Fail-safe operation



LOCKWOOD EMZ4-DM DOUBLE MAGLOCK MONITORED

770300-112

- Up to 560 kg holding strength
- 12 or 24 VDC
- 4 hour fire rated



LOCKWOOD SINGLE MAGLOCK MONITORED 12/24VDC

EMZ8-SM

- Up to 580 kg holding strength
- Fail-safe operation
- Self-alignment
- 4 hour fire rated



LOCKWOOD EMZ8 DOUBLE MAGLOCK MONITORED 12/24VDC

EMZ8-DM

- Up to 1160 kg holding strength
- Fail-safe operation
- Self-alignment
- 4 hour fire rated



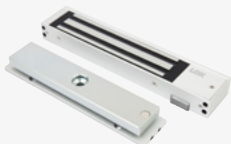
Locks & Locking (Cont.)



LOCKWOOD EMZ8-WSM SGL MAGLOCK WEATHER RESISTANT MON

770600-310

- WEATHER RESISTANT
- Up to 580 kg holding strength
- 12 or 24 VDC
- Self-alignment
- Hall Effect Monitoring



LOX MAGNETIC SINGLE MAGLOCK SLIMLINE MONITORED

EM3500M

- Up to 280 kg holding strength (per magnet)
- Lock status sensor (hall effect)
- Door status sensor (reed switch)
- Anti-tamper fixing plate



LOX MAGNETIC SINGLE BLACK MAGLOCK SLIMLINE MONITORED

EM3500M-BLK

- Up to 280 kg holding strength (per magnet)
- Lock status sensor (hall effect)
- Door status sensor (reed switch)
- Anti-tamper fixing plate



LOX MAGNETIC DOUBLE MAGLOCK SLIMLINE MONITORED

EM3500DM

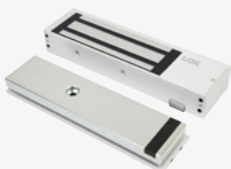
- Up to 280 kg holding strength (per magnet)
- Lock status sensor (hall effect)
- Door status sensor (reed switch)
- Anti-tamper fixing plate



LOX MAGNETIC DOUBLE BLACK MAGLOCK SLIMLINE MONITORED

EM3500DM-BLK

- Up to 280 kg holding strength (per magnet)
- Lock status sensor (hall effect)
- Door status sensor (reed switch)
- Anti-tamper fixing plate



LOX MAGNETIC DOUBLE MAGLOCK SLIMLINE MONITORED

EM5700M

- Up to 580 kg holding strength
- Lock status sensor (hall effect)
- Door status sensor (reed switch)
- Anti-tamper fixing plate



LOX MAGNETIC SINGLE BLACK MAGLOCK MONITORED

EM5700M-BLK

- Up to 580 kg holding strength
- Lock status sensor (hall effect)
- Door status sensor (reed switch)
- Anti-tamper fixing plate



LOX MAGNETIC SINGLE MAGLOCK MONITORED

EM5700DM

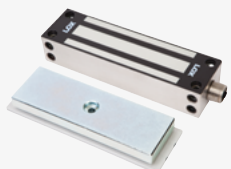
- Up to 580 kg holding strength (per magnet)
- Lock status sensor (hall effect)
- Door status sensor (reed switch)
- Anti-tamper fixing plate



LOX MAGNETIC DOUBLE BLACK MAGLOCK MONITORED

EM5700DM-BLK

- Up to 580 kg holding strength (per magnet)
- Lock status sensor (hall effect)
- Door status sensor (reed switch)
- Anti-tamper fixing plate



LOX MAGNETIC SINGLE MAGLOCK WEATHER RESISTANT MONITORED

EM5000

- WEATHER RESISTANT
- Up to 630 kg holding strength
- Lock status sensor (hall effect)
- Door status sensor (reed switch)
- Anti-tamper fixing plate



Locks & Locking (Cont.)



LOCKWOOD V-LOCK FAIL SAFE/FAIL SECURE MONITORED

ES8100

- 1000 kg Holding Force
- 11.4 - 26VDC
- Unlocks under a Pre-Load of up to 100 kg in 3-wire mode, 15 kg in 2-wire mode
- Door Position and Lock Status Monitoring



LOX DROP BOLT 25MM ROUND END FACE PLATE

DB1260PTL

- Up to 300 kg holding strength
- Power to Lock (PTL). Also available in PTO version (DB1260PTO)
- Door status sensor (Reed Switch)
- 4 hour fire rated



LOX CABINET LOCK

CL0001

- Up to 150 kg holding strength
- 12/24V DC
- Non-monitored
- 200 mm cable



LOCKWOOD CABINET LOCK

EL110-1

- Up to 150 kg holding strength
- Fail Safe/Fail Secure field changeable
- 12V DC
- Non-monitored

Accessories / Strobes-Sirens-Piezos



SECOR BLUE STROBE 12V

ML02

- High intensity LED strobe, also available in red, amber, green and clear
- Specially designed lens and reflective mirror
- Water proof
- Also comes in 24V variants



DAS LARGE BLUE STROBE

S3902



SECOR SKP5 DC SIREN + SCREAMER

SC03/CO/TOP

- Combo siren/horn kit
- UV treated plastic cover
- LED strobe, reed tamper switch, 7-way terminal block and top hat piezo all included



SECOR TOP HAT PIEZO LOW CURRENT

WP08

- 12VDC input voltage
- 105dB at 1 meter
- 90mA current



SECOR RECESSED INTERNAL PIEZO

WP05

- 12VDC input voltage
- 110dB at 1 meter
- 90mA current



Accessories / Strobes-Sirens-Piezos (Cont.)



SECOR MINI COMBO SIREN & STROBE

WP95

- Mini size - suits indoor application
- High quality UV treated plastic case
- Independent siren and strobe operation



DAS COMBO SIREN/STROBE TONE/ SOUND SELECTABLE

WP06

- End of line resistors built in
- Front and back tamperers
- Up to 110dB
- IP68a



SECOR SCREAMER WITH VOLUME CONTROL

WP08VA

- 12VDC input voltage
- 78-105dB at 1 meter
- 10-90mA current



SECOR LARGE SIREN & STROBE COMBO

WP18

- Twin piezo 116dB/m
- High quality UV treated weather proof case
- Front and back tamperers
- Independent siren and strobe operation



SECOR FLAT SIREN & STROBE COMBO

WP16

- Siren Tone Selectable
- High quality UV treated weather proof case
- Front and back tamperers
- EOLR Built in



SECOR SCREAMER WITH CHIME

WP10

- Two in one, piezo sounder and chime
- Chime volume control 75-95dB
- High sound output with a low current consumption



RISCO WIRELESS INDOOR SOUNDER WHITE IP44

RWS42043300B

- Fully battery powered
- 2-way wireless
- 5 x CR123, 3V Lithium batteries
- IP44



RISCO LUMIN8 WIRELESS OUTDOOR SIREN

RWS401B4000B

- Fully battery powered
- 2-way wireless
- 5 x CR123, 3V Lithium batteries
- IP67



RISCO LUMIN8 DELTA BUS SIREN W/- BACKLIGHT BLUE STROBE

RS402BL0000A

- Long life SLT strobe
- Auto recharging battery circuit
- Double tamper protection (Wall & Cover)
- Speaker Sound level 114dbA



Accessories / Reed Switches



SECOR STANDARD SURFACE MOUNT REED WHITE

WSS60

- Reed switch epoxy sealed
- Gap 50mm
- Also available in black, brown, beige, grey, green and yellow



SECOR STUBBY CONTACT REED & MAGNET

WSF43

- Gap 20mm
- Also available in brown
- 9.5 mm diameter x 19mm



SECOR RECESSED WHITE REED SWITCH 25MM

WSF42

- Gap 35mm
- Also available in brown
- 25 mm diameter x 30mm



SECOR RECESSED WHITE REED SWITCH 19MM

WSF41

- Gap 25mm
- Also available in black and brown
- 19 mm diameter x 22mm



SECOR ROLLER SHUTTER DOOR CONTACT SPST

WM88

- Robust construction and epoxy sealed
- Universal mounting with L bracket
- Armoured cable: 460mm
- Gap: 50mm



SECOR METAL SURFACE MOUNT ARMoured REED

WM85

- Robust construction and epoxy sealed
- Gap: 30mm
- Armoured cable: 370mm
- Gap: 50mm



FSH FLUSH MOUNT HIGH SECURITY REED

FSS1-F

- Door Gap 1 - 7 mm Door Movement 15mm
- 10 - 30VDC
- Up to 8 magnets for unique magnetic footprint
- L=75 mm H=34 mm D=35mm



FSH SURFACE MOUNT HIGH SECURITY REED

FSS1-S

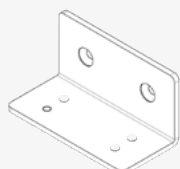
- Door Gap 1 - 7 mm Door Movement 15mm
- 10 - 30VDC
- Up to 8 magnets for unique magnetic footprint
- L=75 mm H=34 mm D=35mm



FSH SURFACE MOUNT NON CONDUIT HIGH SECURITY REED

FSS1-S-NC

- Door Gap 1 - 7 mm Door Movement 15mm
- 10 - 30VDC
- Up to 8 magnets for unique magnetic footprint
- L=75 mm H=34 mm D=35mm



FSH FSS1 L BRACKET

FSS1-L

- L BRACKET TO SUIT FSS1
- Allow Surface mounted sensor to be mounted on outward opening door



Accessories / Remote Controls/Kits



ACTIVOR 4 BUTTON REMOTE WITH SYMBOLS

RTI-01

- Stand alone remote
- Remotes to suit RSI-02 NX Bus Receiver Kit
- Slide cover to prevent accidental activation
- Battery powered



ACTIVOR NX BUS RECEIVER KIT

RSI-02

- Plug and play - 4 wire plug provided
- Compatible with most alarm panels
- Comes with 2 x RTI-01 remotes
- 25 standard remote capacity



ACTIVOR 4 BUTTON REMOTE WITH NUMBERS

RTR-01

- Stand alone remote
- Remotes to suit RSR-01
- Slide cover to prevent accidental activation
- Battery powered



ACTIVOR 4 RELAY RECEIVER KIT

RSR-01

- Can work with any alarm panel to perform functions of Arm/Disarm/Panic or electric devices control
- 4-relay outputs; SPDT
- Relay 3 and 4 outputs can be easily programmed for latching or delay operation
- Comes with 2 x RTR-01 remotes

Accessories / Request to Exit



SECOR TWIST RESET DURESS BUTTON RED GPO

WEL2210R

- Big mushroom button
- Latching and twist to reset
- NO/NC isolated contacts



SECOR STAINLESS STEEL LED REX BUTTON GPO IP65

WEL1911

- IP65 rated
- Stainless steel flush mount button
- NO/NC isolated contacts
- LED green, red or blue



SECOR STAINLESS STEEL LED REX BUTTON ARCHITRAVE IP65

WES1911

- IP65 rated
- Stainless steel flush mount button
- NO/NC isolated contacts
- LED green, red or blue



SECOR STAINLESS STEEL REX BUTTON GPO IP65

WEL1910

- IP65 rated
- Stainless steel flush mount button
- NO/NC isolated contacts



SECOR STAINLESS STEEL REX BUTTON ARCHITRAVE IP65

S1229A

- IP65 rated
- Stainless steel flush mount button
- NO/NC isolated contacts



Accessories / Request to Exit (Cont.)



SECOR STAINLESS STEEL REX TOUCHLESS BUTTON GPO IP67

WEL3761S

- Dual-colour LED as action confirmation
- Door stay open time selectable: momentary or 10s
- NO/NC isolated contacts



SECOR STAINLESS STEEL REX MUSHROOM BUTTON GREEN GPO

WEL2220A

- Big mushroom button
- Momentary
- NO/NC isolated contacts
- Also available in black and red



SECOR STAINLESS STEEL LED REX MUSHROOM ARCHITRAVE

WES1651

- Small mushroom button
- Stainless steel flush button
- NO/NC isolated contacts
- LED green or red



SECOR VANDAL & WEATHER RESISTANT REX BUTTON GPO IP65

WEL2440

- All metal construction
- Epoxy sealed
- Large zinc alloy mushroom button, 40 mm diameter
- Isolated NO and NC contacts



SECOR STAINLESS STEEL LED REX BUTTON ARCHITRAVE

WES1611

- Stainless steel flush button
- NO/NC isolated contacts
- LED green or red

Accessories / Panic Button



SECOR DUAL PRESS PANIC BUTTON LATCHING

WEB200A-2

- EOLRs included for both alarm and tamper output
- Wide range of selectable EOLR values to suit most alarm panels
- Back and front tamper protection



SECOR DUAL PRESS PANIC MOMENTARY

WEB200C-2

- EOLRs included for both alarm and tamper output
- Wide range of selectable EOLR values to suit most alarm panels
- Back and front tamper protection
- Also interchangeable to latching



CQR PADP3 STAINLESS STEEL PANIC

PADP3/SS/BK

- Stainless Steel Double Push Hold Up
- Latching / non latching
- Selectable for Normally Open / Normally Closed
- Key Resettable



SECOR SPARE METAL KEY FOR PANIC BUTTONS

WEBKEY200

- Compatible with both WEB200A-2 and WEB200C-2



Accessories / Door Loops



SECOR H/D CABLE TRANSFER 300MM

DWM300

- Stainless steel tube
- Heavy duty metal joint box
- Also available in 600mm



SECOR H/D CABLE TRANSFER 600MM

DWM600

- Stainless steel tube
- Heavy duty metal joint box
- Also available 300mm



LOCKWOOD 300MM POWER CABLE TRANSFER LEAD COVER

EA280

- Suits 90 to 120 degree opening doors
- Maximum cable diameter is 7.5 mm
- Overall length 323 mm
- 4 hour fire rated

Accessories / Break Glass/Call Points



SECOR RESETTABLE EMERGENCY DOOR RELEASE SWITCH

DWS200W

- Glassless and resettable
- Two separate SPDTs
- Detachable terminal
- Also available in green



SECOR BREAKGLASS EMERGENCY DOOR RELEASE SWITCH

DWS100W

- Easy to wire terminal
- Double laminated safety glass design
- Also available in green



SECOR DETACHABLE COVER FOR DWS100 & DWS200

DWS100C

- Plastic covering to prevent accidental activation



SECOR PROTECTIVE COVER

WEC140

- Made from clear and tough polycarbonate material, UV treated
- Cost effective way of protection against weather, accidental damage or switch activation
- Large covering capacity with inside dimension: 140mm(H) x 110 mm (W) x 54mm(D)
- Can also be used for REX buttons or small form keypads



CQR FP2 SURFACE CALL POINT GREEN EDR

FP2/GR/EDR

- Fully Key Resettable Manual Call Point
- Green Emergency Call Point

Accessories / Temperature Alarm



TEMPERANGE DUAL TEMPERATURE ALARM

WSE29

- Simultaneous operation of local and remote sensors
- Standalone or works with alarm panel
- Easy to set and adjust low and high temperature limit
- Separate alarm outputs for Low and High temperature



rayTEC / Lighting Solutions



VARIO2 I8 LONG RANGE INFRARED ILLUMINATOR

VAR2-I8-3

- 24V AC/DC
- 606 m @ 10°x 10°
- 285 m @ 35°x 10°
- 164 m @ 60°x 25°



VARIO2 I16 LONG RANGE INFRARED ILLUMINATOR

VAR2-I16-1

- 24V AC/DC
- 500 m @ 10°x 10°
- 250 m @ 35°x 10°
- 135 m @ 60°x 25°



VARIO2 HY16 HYBRID ILLUMINATOR

VAR2-HY16-1

- 24V DC
- 450 m (IR) & 195m(WL) @ 10°x 10°
- 225 m (IR) & 95m(WL) @ 35°x 10°
- 122 m (IR) & 55m(WL) @ 60°x 25°



VARIO2 I8 LONG RANGE INFRARED ILLUMINATOR

VAR2-I8-1

- 24V AC/DC
- 350 m @ 10°x 10°
- 165 m @ 35°x 10°
- 95 m @ 60°x 25°



VARIO2 HY8 HYBRID ILLUMINATOR

VAR2-HY8-1

- 24V DC
- 290 m (IR) & 144m(WL) @ 10°x 10°
- 150 m (IR) & 76m(WL) @ 35°x 10°
- 86 m (IR) & 40m(WL) @ 60°x 25°



VARIO2 HY8 IP NETWORK HYBRID ILLUMINATOR

VAR2-IPPOE-HY8-1

- 24V DC / POE++
- 290 m (IR) & 144m(WL) @ 10°x 10°
- 150 m (IR) & 76m(WL) @ 35°x 10°
- 86 m (IR) & 40m(WL) @ 60°x 25°



VARIO2 W16 WHITE-LIGHT ILLUMINATOR

VAR2-W16-1

- 24V AC/DC
- 250 m @ 10°x 10°
- 125 m @ 35°x 10°
- 70 m @ 60°x 25°



VARIO2 I6 LONG RANGE INFRARED ILLUMINATOR

VAR2-I6-1

- 24V AC/DC
- 200 m @ 10°x 10°
- 120 m @ 35°x 10°
- 70 m @ 60°x 25°



VARIO2 I6 POE INFRARED ILLUMINATOR

VAR2-POE-I6-1

- POE+
- 200 m @ 10°x 10°
- 120 m @ 35°x 10°
- 70 m @ 60°x 25°



VARIO2 W8 POE WHITE-LIGHT ILLUMINATOR

VAR2-POE-W8-1

- POE++
- 180 m @ 10°x 10°
- 95 m @ 35°x 10°
- 50 m @ 60°x 25°



rayTEC / Lighting Solutions (Cont.)



VARIO2 I4 LONG RANGE INFRARED ILLUMINATOR

VAR2-I4-1

- 24V AC/DC
- 144 m @ 10°x 10°
- 78 m @ 35°x 10°
- 54 m @ 60°x 25°



VARIO2 I4 POE INFRARED ILLUMINATOR

VAR2-POE-I4-1

- POE+
- 144 m @ 10°x 10°
- 78 m @ 35°x 10°
- 54 m @ 60°x 25°



VARIO2 I4 IP NETWORK INFRARED ILLUMINATOR

VAR2-IPPOE-I4-1

- 24V DC / POE+
- 144 m @ 10°x 10°
- 78 m @ 35°x 10°
- 54 m @ 60°x 25°



VARIO2 HY4 HYBRID ILLUMINATOR

VAR2-HY4-1

- 24V DC
- 130 m (IR) & 70m(WL) @ 10°x 10°
- 70 m (IR) & 42m(WL) @ 35°x 10°
- 49 m (IR) & 22m(WL) @ 60°x 25°



VARIO2 HY4 IP NETWORK HYBRID ILLUMINATOR

VAR2-IPPOE-HY4-1

- 24V DC / POE+
- 130 m (IR) & 70m(WL) @ 10°x 10°
- 70 m (IR) & 42m(WL) @ 35°x 10°
- 49 m (IR) & 22m(WL) @ 60°x 25°



VARIO2 I2 LONG RANGE INFRARED ILLUMINATOR

VAR2-I2-2

- 24V AC/DC
- 120 m @ 10°x 10°
- 78 m @ 35°x 10°
- 54 m @ 60°x 25°



VARIO2 W4 IP NETWORK WHITE-LIGHT ILLUMINATOR

VAR2-IPPOE-W4-1

- 24V DC / POE+
- 110 m @ 10°x 10°
- 65 m @ 35°x 10°
- 35 m @ 60°x 25°



VARIO2 W2 POE WHITE-LIGHT ILLUMINATOR

VAR2-POE-W2-1

- POE
- 42 m @ 10°x 10°
- 28 m @ 35°x 10°
- 18 m @ 60°x 25°



INTERCOMS

Intercoms / Bticino



2 WIRE DOOR ENTRY KIT

364614

- 2 Wire Kit including Entrance Panel, Internal Unit and Power Supply
- 5" LCD Internal Unit
- Call Forwarding to Smart Phone
- Easy Setup



4 WIRE DOOR ENTRY KIT

315512

- 4 Wire Kit including Entrance Panel, Internal Unit and Power Supply
- 7" LCD Internal Unit
- Wide-Angle Camera IP54/IK07 Entrance Panel
- Supports up to 5 Internal Units and 2 Entrance Panels



LINEA 2000 AUDIO ENTRY

363811

- SPRINT Handset
- LINEA 2000 Push Button Panel
- 2 Wire Connection
- Devices Suitable for Wall Mounted Installation



SPRINT HANDSET ADDITIONAL FOR 363811

331550

- SPRINT Handset
- Audio / Analogue Audio
- 2 Wire Connection
- Suitable for Wall Mounted Installation



LINEA 3000 WALL MOUNTED 2-WIRES VIDEO PUSH BUTTON PANEL

343081

- Linea 3000 Push Button Panel
- Zamak Front Cover and Wide Angle Camera
- 2 Wire Connection
- Suitable for Wall Mounted Installation



CLASSE 100 2 WIRES HANDSFREE VIDEO INTERNAL UNIT 5" DISPLAY

344652

- Device Has a Side Lever to Adjust The Call Tone Volume and a Call Exclusion Notification LED
- Handsfree 5" Colour LCD display
- 2 Wire Connection
- Suitable for Wall Mounted Installation



CLASSE 100 2 WIRES HANDSFREE AUDIO INTERNAL UNIT

344282

- Device Has a Side Lever to Adjust The Call Tone Volume and a Call Exclusion Notification LED
- Handsfree Audio Only Internal Unit
- 2 Wire Connection
- Suitable for Wall Mounted Installation With Supplied Bracket or Table Installation with 344692



2 WIRES VIDEO INTERNAL UNIT WITH HANDSET AND 4.3" DISPLAY

344625

- Door Lock Release, Entrance Panel Camera Activation/Scrolling and Auxiliary Function
- 4.3" Colour LCD display with Handset
- 2 Wire Connection
- Suitable for Wall Mounted Installation



2 WIRES AUDIO HANDSET WALL MOUNTED

344242

- Includes Door Lock Release Key and Auxiliary Key Functions
- Audio only Handset
- 2 Wire Connection
- Suitable for Wall Mounted Installation



BTICINO ACCESS CONTROL INTERFACE

S3157BCI2

- 4 x 26 bit Wiegand Outputs
- Multiple Units Can Be Added To a System To Suit Both Door and Lift Applications
- DIN Rail Mounted Interface
- Will Work on Both 2 and 8 Wire Bticino Digital Systems

Intercoms / 2N



IP INTERCOM

2N IP STYLE

- All-In-One Access Control with In-Built HD Camera
- & Two-way Communication with 10" Touchscreen



Intercoms / 2N (Cont.)



MODULAR IP INTERCOM

2N IP VERSO

- Configurable Modularity Intercom Unit
- Bluetooth Technology, Touchscreen,
- Camera with Night Vision, Fingerprint Reader



ANSWERING UNIT

2N INDOOR TOUCH 2.0

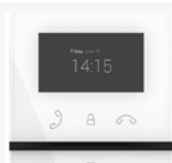
- Answering Unit with Home Automation Integration
- 7" Touch Screen
- Available in White or Black



ANSWERING UNIT

2N INDOOR VIEW

- Answering Unit with Full Screen Video
- 7" HD Touchscreen
- Full Screen Video Calls
- Available in White or Black



ANSWERING UNIT

2N INDOOR COMPACT

- Indoor Answering Unit designed for Residential
- Single UTP Cable Configuration
- 4.3" Colour Display
- Available in White or Black



ACCESS UNIT M

2N ACCESS UNIT AUM

- Smart Reader, Slimline Design
- Mobile Access
- Controller & Reader in One
- Office or Outdoor Installation



ACCESS UNIT 2.0

2N ACCESS UNIT 2.0

- Modern Access with Mobile or Fingerprint
- Available with RFID Card Reader or Keypad
- Bluetooth Technology

INTERCOMS

Intercoms / Dahua



DAHUA WIFI VTO2311R/VTH2621G INTERCOM KIT

DHI-KTW02

- WiFi Intercom IP Kit. Includes: VTO2311R-WP+VTH2621G-WP
- 2MP HD 1/2.8" CMOS camera image sensor, IR Illumination & Auto WDR
- (App compatible) (Surface Mount) WiFi Connection, Standard PoE Power Supply, Unlock with IC Card



DAHUA (VTH2421 SERIES) SURFACE IP INTERCOM KIT

DHI-KTP01L(S)-2421

- Includes: VTO2201F+VTH2421GW-P+PFS3005-4ET-36
- (2621 Surface Mount) Anodized aluminium front panel, CMOS low illumination 2MP HD colourful 140° camera
- (App compatible) IK07, IP65 Protection Door Station, PoE



DAHUA (VTH2421 SERIES) FLUSH IP INTERCOM KIT

DHI-KTP01L(F)-2421

- Includes: VTO2201F+VTH2421GW-P+PFS3005-4ET-36
- (2621 Surface Mount) Anodized aluminium front panel, CMOS low illumination 2MP HD colourful 140° camera
- (App compatible) IK07, IP65 Protection Door Station, PoE



DAHUA (VTH2621GW SERIES) SURFACE IP INTERCOM KIT

DHI-KTP01L(S)

- Includes: VTO2201F+VTH2621GW-P+PFS3005-4ET-36
- (2621 Surface Mount) Anodized aluminium front panel, CMOS low illumination 2MP HD colourful 140° camera
- (App compatible) IK07, IP65 Protection Door Station, PoE



DAHUA (VTH2621GW SERIES) FLUSH IP INTERCOM KIT

DHI-KTP01L(F)

- Includes: VTO2201F+VTH2621GW-P+PFS3005-4ET-36
- (2621 Flush Mount) Anodized aluminium front panel, CMOS low illumination 2MP HD colourful 140° camera
- (App compatible) IK07, IP65 Protection Door Station, PoE



Intercoms / Dahua (Cont.)



DAHUA VILLA 2-WIRE HYBRID SURFACE INTERCOM KIT

DHI-KTA02

- 2-wire Hybrid Intercom IP Kit. Includes: VTO2003F+VTH5123H-W+VTNC1003C
- 2 MP CMOS HDR Camera, IR Illumination & DWDR
- (App compatible) (Surface Mount) WiFi Connection



DAHUA VILLA 2-WIRE HYBRID FLUSH INTERCOM KIT

DHI-KTA02M

- 2-wire Hybrid Intercom IP Kit. Includes: VTO2003F+VTH5123H-W
- 2 MP CMOS HDR Camera, IR Illumination & DWDR
- (App compatible) (Flush Mount) WiFi Connection



DAHUA 4-WIRE ANALOGUE INTERCOM KIT

DHI-KTA03

- 4-Wire Analogue Intercom Kit. Includes: VTO1000J+VTH1020J
- 1.3MP CMOS, Digital Wide Dynamic Range (DWDR)
- Surface Mount + Rain Cover Included
- (App compatible) DC 12V/2A Power Supply included, IP66 Rated



4-WIRE ANALOGUE INTERCOM KIT

DHI-KTA02M

- 4-Wire Analogue Intercom Kit. Includes: VTO1000JM+VTH1020J
- 1.3MP CMOS, Digital Wide Dynamic Range (DWDR)
- Surface Mount (Metal) + Rain Cover Included
- (App compatible) DC 12V/2A Power Supply included, IP66 Rated



4-WIRE ANALOGUE INTERCOM KIT

DHI-KTA03

- 4-Wire Analogue Intercom Kit. Includes: VTO1000J+VTH1020J
- 1.3MP CMOS, Digital Wide Dynamic Range (DWDR)
- Take Snap Shot, Surface Mount + Rain Cover Included
- DC 12V/2A Power Supply included, IP66 Rated



4-WIRE ANALOGUE INTERCOM KIT

DHI-KTA03M

- 4-Wire Analogue Intercom Kit. Includes: VTO1000JM+VTH1020J
- 1.3MP CMOS, Digital Wide Dynamic Range (DWDR)
- Take Snap Shot, Surface Mount (Metal) + Rain Cover Included
- DC 12V/2A Power Supply included, IP66 Rated

Intercoms / Axis



I8116-E NETWORK VIDEO INTERCOM

02408-001

- 5mp camera with audio, available in White or Black
- Mullion form factor, SIP support
- Support analytics based on deep learning
- Built-in cyber security features



I8016-LVE FIXED CAMERA INTERCOM

01995-001

- Echo & noise cancellation
- Anti-glare, IK10 rated
- SIP support



A4020-E RFID READER

02144-001

- Supports 13.56MHz RFID cards
- IP rating 65, IK07 rated



A1001 NETWORK DOOR CONTROLLER

0540-001

- ONVIF Profile A & C compliant



A1601 NETWORK DOOR CONTROLLER

01507-001

- ONVIF Profile A & C compliant



SURVEILLANCE

Axis / Fixed Dome



COMPACT INDOOR MINI DOME

M3085-V

- 2mp, Fixed Lens for Indoor
- Includes Deep Learning analytics
- WDR & LightFinder Technology



COMPACT INDOOR MINI DOME

M3086-V

- 4mp, Fixed Lens for Indoor
- Includes Deep Learning analytics
- WDR & LightFinder Technology



AFFORDABLE FLAT-FACED DOME

M3115-LVE

- 2mp, Fixed Lens for Indoor & Outdoor
- Built-in IR, WDR & LightFinder
- Day/Night, Vandal Resistant Casing (IK08)



AFFORDABLE FLAT-FACED DOME

M3116-LVE

- 4mp, Fixed Lens for Indoor & Outdoor
- Built-in IR, WDR & LightFinder
- Day/Night, Vandal Resistant Casing (IK08)



AFFORDABLE INDOOR DOME

M4216-V

- 4mp, Includes Deep Learning analytics
- Remote Zoom & Focus
- WDR & LightFinder Technology
- Vandal Resistant Indoor Casing (IK08)



AFFORDABLE INDOOR DOME

M4216-LV

- 4mp, Includes Deep Learning analytics
- Remote Zoom & Focus
- IR, WDR & LightFinder Technology
- Vandal Resistant Indoor Casing (IK08)



HIGH PERFORMANCE INDOOR DOME

P3265-V

- 2mp, Includes Deep Learning Analytics
- WDR & LightFinder Technology, Day & Night
- Audio I/O Connectivity
- Vandal Resistant Indoor Casing (IK10)



HIGH PERFORMANCE INDOOR DOME

P3265-LV

- 2mp, Includes Deep Learning Analytics
- IR, WDR & LightFinder Technology
- Day & Night, Audio I/O Connectivity
- Vandal Resistant Indoor Casing (IK10)



HIGH PERFORMANCE OUTDOOR DOME

P3265-LVE

- 2mp, Includes Deep Learning Analytics
- IR, WDR & LightFinder Technology
- Day & Night, Audio I/O Connectivity
- Vandal Resistant Indoor Casing (IK10)



Axis / Fixed Bullet



COMPACT BULLET

- 2mp, Includes Deep Learning Analytics
- Outdoor-Ready with IR
- WDR, Remote Zoom
- Vandal Resistant Casing (IK08), IP66/67

M2035-LE



COMPACT BULLET

- 4mp, Includes Deep Learning analytics
- Outdoor-Ready with IR
- WDR, Remote Zoom
- Vandal Resistant Casing (IK08), IP66/67

M2036-LE



VERSATILE COMPACT BULLET

- 2mp, Varifocal Lens for Indoor/Outdoor
- Remote Zoom & Focus
- IR, WDR & LightFinder Technology
- Vandal Resistant Casing (IK08), IP66/67

P1455-LE



FULLY FEATURED BULLET

- 2mp, Varifocal 3-9 mm Lens
- Deep Learning Analytics, Outdoor Ready
- LightFinder 2.0, Forensic WDR, OptimizedIR
- NEMA 4X, IK10, IP66/67

P1465-LE



FULLY FEATURED BULLET

- 5mp, Varifocal 2.8-8 mm Lens
- Deep Learning Analytics, Outdoor Ready
- LightFinder 2.0, Forensic WDR, OptimizedIR
- NEMA 4X, IK10, IP66/67

P1467-LE



FULLY FEATURED BULLET

- 4K, Varifocal 6.2-12.9 mm Lens
- Deep Learning Analytics, Outdoor Ready
- LightFinder 2.0, Forensic WDR, OptimizedIR
- NEMA 4X, IK10, IP66/67

P1468-LE

Axis / Fixed Box



INDOOR BOX CAMERA

- 2mp, Fixed Lens
- Built-in IR, WDR & PIR Sensor
- Built-in Microphone & Speaker, Day/Night

M1075-L



INDOOR BOX CAMERA

- 2mp, Wired or Wireless Connectivity
- Built-in IR, WDR & PIR Sensor
- Built-in Microphone & Speaker, Day/Night

M1075-LW



COMPACT INDOOR BOX CAMERA

- 2mp, Varifocal Lens, CS Mount
- WDR, LightFinder & Object Analysis
- Built-in Microphone

M1135 MK II



COMPACT BOX CAMERA

- 2mp, Indoor/Outdoor
- WDR, LightFinder & Object Analysis
- Built-in Microphone
- Vandal Resistant Indoor Casing (IK10) IP66

M1135-E MK II



Axis / PTZ Dome



MINI INDOOR PTZ

M5074

- 2mp, 5x Optical Zoom & 12x Digital Zoom
- Autofocus, WDR & Day/Night
- Built-In Analytics
- IP51 Rated Casing



MINI INDOOR PTZ

M5075

- 2mp, 5x Optical Zoom & 12x Digital Zoom
- Autofocus, WDR & Day/Night
- Built-In Analytics
- IP51 Rated Casing



MULTI SENSOR INDOOR PTZ

M5000

- 3x 5mp Sensors & 1x PTZ
- 10x Optical Zoom, Autofocus
- 400m2 area coverage
- IP51 Rated Casing



COMPACT PTZ

M5525-E 50HZ

- 2mp, 10x Zoom, Indoor/Outdoor
- Continuous 360 Pan
- WDR & Audio Support
- Vandal Resistant Casing (IK09), IP66



HIGH PERFORMANCE PTZ

P5655-E 50HZ

- 2mp, 32x Optical Zoom, Indoor/Outdoor
- WDR & LightFinder & Day/Night
- Electronic Image Stabilization
- Vandal Resistant Indoor Casing (IK10) IP66

Axis / Panoramic



SINGLE SENSOR PANORAMIC

M3057-PLVE MK II

- 6mp, Indoor/Outdoor
- 180/360 Overview, Digital PTZ & Dewarped View
- IR, WDR & LightFinder
- Vandal Resistant Casing (IK10) IP66



MULTI-SENSOR PANORAMIC

P3807-PVE

- 8mp, Indoor/Outdoor
- 180 Horizontal / 90 Vertical Coverage
- WDR, LightFinder & Day/Night
- Vandal Resistant Casing (IK10) IP66/ 67



DUAL SENSOR PANORAMIC

P4705-PLVE

- 2x2mp Multi-directional, Indoor/Outdoor
- 2.5x Zoom, Deep Learning Analytics
- 360 IR, WDR & LightFinder
- Vandal Resistant Casing (IK10), IP66/67



MULTIDIRECTIONAL PANORAMIC

P3719-PLE

- 15mp 360° Multidirectional, 3-6 mm Lens
- 4x Quad HD, Remote Zoom & Focus
- 360 IR, WDR & LightFinder
- IK09, IP66/67

Axis / Network Video Recorder



COMPACT NETWORK VIDEO RECORDER

S3008

- 8 Channel Standalone NVR
- 2,4 or 8 tb Storage Available
- Linux Operating System
- Includes Axis Companion Software



Axis / Network Audio



NETWORK HORN SPEAKER

C1310-E

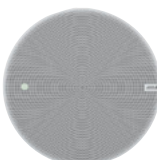
- All-in-One Outdoor Speaker System
- Connects to Standard Network
- POE Simple Installation
- Two Inputs/Outputs



NETWORK MINI SPEAKER

C1410-E

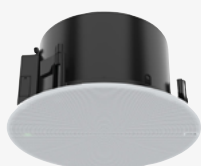
- All-in-One Speaker System
- Wide Area Coverage, POE Installation
- PIR Sensor for Motion Detection



NETWORK CEILING SPEAKER

C1211-E

- Discrete Ceiling Speaker - Small
- POE Installation, Scalable for Easy Integration
- For General Live or Pre-recorded Voice Messages



NETWORK CEILING SPEAKER

C1210-E

- Discrete Ceiling Speaker - Large
- POE Installation, Scalable for Easy Integration
- For General Live or Prerecorded Voice Messages



NETWORK SOUND PROJECTOR

C1610-VE

- All-in-One Outdoor Ready Speaker System
- Sleek, Vandal Resistant Design
- Remote Health Testing

Axis / Accessories



WALL-AND-POLE MOUNT

T91L61

- Suits PTZ Cameras, Indoor/Outdoor
- Built-in IP66 RJ45 Connector
- Protection against impact, water, dust & corrosion



WALL MOUNT

T91E61

- Suits Fixed Dome Pendant Kits
- 1.5" NPS Thread, flexible cable routing
- Indoor & Outdoor use



PENDANT KIT

T94A01D

- For Mounting on 1.5" NPS Thread Bracket
- Indoor/Outdoor
- Aluminium



MIDSPAN

AXIS 30W MIDSPAN

- Single Port 30w Midspan - Indoor



POE EXTENDER

T8129

- Indoor POE Extender



POE EXTENDER

T8129-E

- Outdoor POE Extender



WIN ONE OF FIFTEEN

Taylor Swift

SYDNEY CONCERT TICKETS!

with Dahua purchases at DAS

Be our Hospitality Box Guest
at the

**TAYLOR SWIFT
ERAS TOUR**

Accor Stadium, Sydney | 25th of February

THE EQUATION IS SIMPLE =

**Top 15 VSIP account total sales in Q4 win
the hottest concert ticket of the year.**

Hospitality box includes food and beverages.

Terms and Conditions: To participate in this promotion, you must be a member of the Dahua Value System Integration Program and a DAS Account Holder. Your cumulative purchase from the 1st of October to the 22nd of December 2023 will be used as the judging criteria for the competition. The highest 15 cumulative total spends for the quarter will win a ticket to the Sydney Taylor Swift Concert on the 25th of February, 2024. Should a winning integrator be unable to attend, the next highest total customer will be awarded the ticket. Transport and accommodation are not included.

DICKER
DATA

DAS

ACCESS AND SURVEILLANCE



Dahua / IP Turret Cameras



5MP TURRET LITE IR HDW2531EMP 2.8MM

IPC-HDW2531EMP-AS-0280B-S2-AUS

- 5MP, 1/2.7" CMOS image sensor, low luminance, high image definition
- 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 30m, IP67
- Intelligent detection: Intrusion, tripwire



6MP TURRET WISENSE HDW3666EMP 2.8MM

DH-IPC-HDW3666EMP-S-AUS

- 6MP 1/2.7" CMOS image sensor, excellent low luminance performance
- 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30m, IP67
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



6MP TURRET WISENSE HDW3666TP VARIFOCAL

DH-IPC-HDW3666TP-ZS-AUS

- 6MP 1/2.7" CMOS image sensor, excellent low luminance performance
- 2.7-13.5 mm Varifocal Lens, H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, max. IR distance: 40m, IP67
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



6MP TURRET TIOC V2.0 WISENSE 2.8MM

DH-IPC-HDW3649H-AS-PV-ANZ

- 6MP, 1/2.7" CMOS image sensor, low luminance, high image definition
- TIOC v2.0, 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in warm illuminator, and the max. illumination distance: 30m
- Intelligent detection: Intrusion, tripwire (Red & Blue Flash Light Alarm + Sound Alarm)



8MP TURRET LITE IR HDW2831EMP 2.8MM

IPC-HDW2831EMP-AS-0280B-S2-AUS

- 8MP, 1/2.7" CMOS image sensor, low luminance, high image definition
- 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 30m, IP67
- Intelligent detection: Intrusion, tripwire



8MP TURRET WISENSE HDW3866EMP 2.8MM

DH-IPC-HDW3866EMP-S-AUS

- 8MP 1/2.8" CMOS image sensor, excellent low luminance performance
- 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30m, IP67
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



8MP TURRET TIOC V2.0 WISENSE 2.8MM

DH-IPC-HDW3849H-AS-PV-ANZ

- 8MP, 1/2.7" CMOS image sensor, low luminance, high image definition
- 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate, IP67, IK10
- Built-in warm light & IR LED; max. IR illumination distance is 30 m & warm light distance is 30m.
- Intelligent detection: Intrusion, tripwire (Red & Blue Flash Light Alarm + Sound Alarm)

Dahua / IP Bullet Cameras



4MP BULLET WISENSE WIDE ANGLE 2.1MM

DH-IPC-HFW3466T-AS-P

- 4MP 1/2.7" CMOS starlight-grade image sensor, low luminance, and high definition image.
- 2.1 mm WIDE ANGLE FIXED LENSE, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, and the max. illumination distance is 20m, IP67
- EPTZ Advanced Target Detection & Tracking, Intelligent monitoring: Intrusion, tripwire



6MP BULLET WISENSE HFW3666EP 2.8MM

DH-IPC-HFW3666EP-AS-AUS

- 6MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition of images.
- 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30m, IP67
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



6MP BULLET WISENSE HFW3666TP VARIFOCAL

DH-IPC-HFW3666TP-ZAS-AUS

- 6MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition of images
- 2.7-13.5 mm Varifocal Lens, H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, max. IR distance: 60m, IP67
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



8MP BULLET LITE HFW2831TP VARIFOCAL

DH-IPC-HFW2831TP-ZAS-27135-S2

- 8MP, 1/2.7" CMOS image sensor, low luminance, high image definition
- 2.7-13.5 mm Varifocal Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 60m, IP67
- Intelligent detection: Intrusion, tripwire



Dahua / IP Bullet Cameras (Cont.)



8MP BULLET WIZESENSE HFW3866EP 2.8MM

DH-IPC-HFW3866EP-AS-AUS

- 8MP 1/2.8" CMOS image sensor, excellent low luminance performance and high def. of images
- 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30m, IP67
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



8MP BULLET WIZESENSE HFW3866TP VARIFOCAL

DH-IPC-HFW3866TP-ZAS-AUS

- 8MP 1/2.8" CMOS image sensor, excellent low luminance performance and high definition of images
- 2.7-13.5 mm Varifocal Lens, H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, max. IR distance: 60m, IP67
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



8MP BULLET TIOC V2.0 WIZESENSE VARIFOCAL

DH-IPC-HFW3849T1-ZAS-PV

- 8MP 1/2.8" CMOS image sensor, low luminance, and high definition image
- 2.7-13.5 mm Varifocal Lens, H.265 codec, high compression rate, ultra-low bit rate, IP67, IK10
- Built-in warm light & IR LED; max. IR illumination distance is 50 m & warm light distance is 40m.
- Intelligent detection: Intrusion, tripwire (Red & Blue Flash Light Alarm + Sound Alarm)

Dahua / IP Dome Cameras



4MP DOME WIZESENSE HDBW3466R WIDE ANGLE 2.1MM

DH-IPC-HDBW3466R-AS-P

- 4MP 1/2.7" CMOS starlight-grade image sensor, low luminance, and high definition image
- 2.1 mm WIDE ANGLE FIXED LENS, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, and the max. illumination distance is 15m, IP67, IK10
- EPTZ Advanced Target Detection & Tracking, Intelligent monitoring: Intrusion, tripwire



6MP DOME WIZESENSE HDBW3666EP 2.8MM

DH-IPC-HDBW3666EP-AS-AUS

- 6MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition of images.
- 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30m, IP67, IK10
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



6MP DOME WIZESENSE HDBW3666RP VARIFOCAL

DH-IPC-HDBW3666RP-ZAS-AUS

- 6MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition of images
- 2.7-13.5 mm Varifocal Lens, H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, max. IR distance: 40m, IP67, IK10
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



8MP DOME WIZESENSE HDBW3866EP 2.8MM

DH-IPC-HDBW3866EP-AS-AUS

- 8MP 1/2.8" CMOS image sensor, excellent low luminance performance and high definition of images
- 2.8 mm Fixed Lens, H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30m, IP67, IK10
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



8MP DOME LITE HDBW2831RP-S2 VARIFOCAL

IPC-HDBW2831RP-ZAS-27135-S2

- 8MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- 2.7-13.5 mm Varifocal Lens, H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, max IR distance: 60m, IP67
- Intelligent detection: Intrusion, tripwire



8MP DOME WIZESENSE HDBW3866RP VARIFOCAL

DH-IPC-HDBW3866RP-ZAS-AUS

- 8MP 1/2.8" CMOS image sensor, excellent low luminance performance and high definition of images.
- 2.7-13.5 mm Varifocal Lens, H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, max. IR distance: 40m, IP67, IK10
- Intelligent detection: Intrusion, tripwire (SMD 4.0, AI SSA, Quick Pick).



8MP DOME TIOC V2.0 WIZESENSE VARIFOCAL

DH-IPC-HDBW3849R1-ZAS-PV

- 8MP 1/2.8" CMOS image sensor, low luminance, and high definition image
- 2.7-13.5 mm Varifocal Lens, H.265 codec, high compression rate, ultra-low bit rate, IP67, IK10
- Built-in warm light & IR LED; max. IR illumination distance is 50 m & warm light distance is 40m
- Intelligent detection: Intrusion, tripwire (Red & Blue Flash Light Alarm + Sound Alarm)



Dahua / IP PTZ Cameras



2MP PTZ DOME, SD29204UE, 4X ZOOM, STARLIGHT IR

DH-SD29204UE-GN

- 2MP PTZ, 1/2.8" STARVIS™ CMOS image sensor
- 4x ZOOM, Focal Length 2.7-11mm, WDR, Ultra DNR, Starlight Technology 0.005lux
- IVS Intelligence: Tripwire, Intrusion, Abandoned/Missing + Face Detection
- IR Distance up to 30m



4MP PTZ DOME, SD22404T, 4X ZOOM, 3YR

DH-SD22404T-GN-S2

- 4MP PTZ, 1/3" CMOS image sensor
- 4x ZOOM, Focal Length 2.7-11mm, WDR
- IVS Intelligence: Tripwire, Intrusion, Abandoned/Missing
- IP66, IK10 Protection



4MP PTZ DOME WIZSENSE, 25X ZOOM, STARLIGHT IR

DH-SD49225XA-HNR-S2

- 2MP PTZ, 1/2.8" CMOS Image sensor
- 25x ZOOM, Focal Length 4.8-120mm, Starlight Technology 0.005lux
- AI Intelligence & IVS: Perimeter Protection, Face Detection, SMD Plus, Object abandoned/missing
- IP66, IR Distance up to 100m



4MP PTZ MINI DOME WIZSENSE SD1A404XB 4X STARLIGHT

DH-SD1A404XB-GNR

- 4MP PTZ, 1/2.8" STARVIS™ CMOS image sensor
- 4x ZOOM, Focal Length 2.8-12mm
- Face Detection, People Counting, Perimeter Protection, SMD Plus
- IP66, IK08 Protection



4MP PTZ DOME WIZSENSE SD4A425DB 25X STARLIGHT IR

DH-SD4A425DB-HNY

- 4MP PTZ, 1/2.8" CMOS Image sensor, IR distance up to 100m
- 25x ZOOM, Focal Length 5-12mm, Starlight Technology 0.005lux
- IVS Intelligence: SMD 3.0, Face Detection, Auto-Tracking, Perimeter Protection
- IP66 (Environment -40c to +65c degree Celsius temperature)



4MP PTZ DOME WIZSENSE SD5A432GB 32X STARLIGHT IR

DH-SD5A432GB-HNR

- 4MP PTZ, 1/2.8" CMOS Image sensor, IR distance up to 150m
- 32x ZOOM, Focal Length 4.8-154mm, Starlight Technology 0.005lux
- IVS Intelligence: SMR 4.0, Face Detection, Auto-Tracking 3.0, Quick Pick, Perimeter Protection
- IP67, IK10 Protection



4MP PTZ DOME WIZSENSE SD6CE445XA 45X STARLIGHT IR

DH-SD6CE445XA-HNR

- 4MP PTZ, 1/2.8" STARVIS™ CMOS image sensor
- 45x ZOOM, Focal Length 3.95-177.75mm, Starlight Technology 0.005lux, IR up to 250m
- Face Detection, SMD Plus, Deep-Learning Auto Tracking & Perimeter Protection
- IP67, IK10 Protection

Dahua / IP Specialty Cameras



4G SOLARKIT 4MP BULLET BATT INC. 2.8MM

DH-IPC-HFW2431DG-4G-SP-EAU-B

- 4MP IR Fixed-focal Bullet 4G Solar Power Network Camera
- Built in high-performance 4G Module that suits all mobile networks
- Built-in solar panel & battery, batt. cycle life up to 10days at 1hour remote live view per day.
- Supports max. 256 G Micro SD card; built in MIC & speaker support two-way talk, IP67 Protection



4G SOLARKIT 4MP PTZ DOME 32X NO BATT.

KIT/PFM378/SD6C3432XB/PFB301C

- 4MP PTZ IR Dome 4G Solar Power Network Camera
- Remote monitoring available through the mobile app
- IVS Intelligence: Auto-Tracking, Face Detection, Perimeter Protection
- IP66, TVS 6000 V lightning proof; surge protection; voltage transient protection



5MP FISHEYE 180 PANORAMIC WIZMIND, 1.4MM FIXED LENSE

IPC-EB5541-AS

- 5MP, 1/2.7" CMOS image sensor, panoramic fish eye
- 120dB WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire, people counting in area. Heat map for people counting
- IP67, IK10 protection



Dahua / IP Specialty Cameras (Cont.)



6MP FISHEYE 360 PANORAMIC WIZMIND 1.7MM

IPC-EBW8630P

- 6MP, 1/1.8" CMOS progressive scan STARVIS™ sensor, fish eye view
- H.265/H.264 triple-stream encoding, Multiple dewarped Mode
- Business Intelligent Analysis (HeatMap)
- IP67, IK10, PoE, Micro SD Memory.



12MP FISHEYE WIZMIND IR FISHEYE

IPC-EBW81242P-AS-S2

- 12MP 1/1.7" CMOS image sensor, low luminance, and high definition image
- Built-in IR LED, and the max. illumination distance is 10m
- IVS Intelligence: People Counting

Dahua / Wireless Devices



DAHUA WIRELESS ALARM KIT

DHI-ART-ARC3000H-03-FW2

- 4G Alarm hub ARC3000H-FW2, wireless keyfob ARA24-W2, door detect ARD323-W2, PIR detect ARD1233-W2.
- Wired, Wi-Fi, 4G, 3G or GPRS network connection.
- Supports 150 wireless peripherals (6 sirens, 64 wireless keyfobs)
- Cloud update and automatic recovery from update failure



DAHUA WIRELESS INDOOR SIREN

DHI-ARA12-W2

- Signal strength detection
- Temperature measurement
- Cloud update and automatic recovery from update failure



DAHUA WIRELESS OUTDOOR SIREN

DHI-ARA13-W2

- Signal strength detection
- Battery power supply
- Cloud update and automatic recovery from update failure
- Sound pressure level: 110 dB



DAHUA WIRELESS PIR DETECTOR

DHI-ARD1233-W2

- Pet immunity function
- 3-level sensitivity adjustment
- Cloud update and automatic recovery from update failure



DAHUA WIRELESS PIR-CAMERA

DHI-ARD1731-W2

- Maximum resolution 1600*1200
- One-week cloud cache for videos and images
- Based on the RF-HD image transmission, transmission 6 HD images resolution of 1600*1200



DAHUA WIRELESS PANIC BUTTON

DHI-ARD822-W2

- Provides multiple LED colours to indicate different statuses
- Cloud update and automatic recovery from update failure
- IP54 rated



DAHUA WIRELESS KEYPAD

DHI-ARK30T-W2

- Arm/Disarm with password or IC card
- Supports signal strength detection to select suitable installation sites
- Cloud update and automatic recovery from update failure



Dahua / NVRs



4CH 4POE LITE NVR,1HDD SLOT, NVR4104

DHI-NVR4104HS-P-4KS2/L

- 4 Channel Compact 1U 1HDD 4PoE Network Video Recorder
- Max. decoding capability: 8 × 1080p@30 fps. Supports adaptive decoding
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K
- AI by Camera: Face detection, perimeter protection, IVS, people counting, heat map, and SMD



4CH AI NVR4104HS-P-AI/ANZ 16MP&H.265 2TB

DHI-NVR4104HS-P-AI/ANZ-2T

- 4 Channel AI NVR, 4x POE PORTS with 2TB HDD
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- AI NVR: 1ch face detection & recognition; 2ch perimeter; up to 20,000 face images; 4-ch SMD Plus
- 2TB HDD INCLUDED



4CH AI NVR4104HS-P-AI/ANZ 16MP&H.265 NO HDD

DHI-NVR4104HS-P-AI/ANZ

- 4 Channel AI NVR, 4x POE PORTS (no HDD)
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- AI NVR: 1ch face detection & recognition; 2ch perimeter; up to 20,000 face images; 4-ch SMD Plus
- NO HDD INCLUDED



8CH NVR4108HS-8P-4KS2/L,8POE LITE NVR

DHI-NVR4108HS-8P-4KS2/L

- 8 Channel Compact 1HDD 1U 8PoE Network Video Recorder
- Max. decoding capability: 8 × 1080p@30 fps. Supports adaptive decoding
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K
- AI by Camera: Face detection, perimeter protection, IVS, people counting, heat map, and SMD



8CH NVR 8POE EPOE, NVR5208-8P-4KS2E

DHI-NVR5208-8P-4KS2E

- 8 Channel Compact 1HDD 1U 8PoE Network Video Recorder
- Max. decoding capability: 8 × 1080p@30 fps. Supports adaptive decoding
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K
- AI by Camera: Face detection, perimeter protection, IVS, people counting, heat map, and SMD



8CH AI NVR4108HS-8P-AI/ANZ 16MP&H265 4TB

DHI-NVR4108HS-8P-AI/ANZ-4T

- 8 Channel AI NVR, 8x POE PORTS with 4TB HDD
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- AI NVR: 1ch face detection & recognition; 2ch perimeter; up to 20,000 face images; 4-ch SMD Plus
- 4TB HDD INCLUDED



8CH AI NVR4108HS-8P-AI/ANZ 16MP&H265 NO HDD

DHI-NVR4108HS-8P-AI/ANZ

- 8 Channel AI NVR, 8x POE PORTS (no HDD)
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- AI NVR: 1ch face detection & recognition; 2ch perimeter; up to 20,000 face images; 4-ch SMD Plus
- HDD NOT INCLUDED



8CH AI NVR4208-8P-AI/ANZ 16MP&H265 4TB

DHI-NVR4208-8P-AI/ANZ-4T

- 8 Channel AI NVR, 8x POE PORTS with 4TB HDD
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- AI NVR: 1ch face detection & recognition; 2ch perimeter; up to 20,000 face images; 4-ch SMD Plus
- 4TB HDD INCLUDED



16 CHANNEL 1U NVR, SATA 3.5"(0/2), POE(16)

NVR5216-16P-4KS2E

- 16 Channel 1U 2HDDs 16PoE 4K & H.265 Pro Network Video Recorder
- Max 320 Mbps incoming bandwidth
- 1-channel fisheye de-warping (AI by NVR)
- Support IPC UPnP, 16 PoE ports



16 CHANNEL AI NVR, SATA 3.5"(0/2), POE(16)

DHI-NVR5216-16P-AI

- 16Channel 1U 2HDDs 16PoE WizMind Network Video Recorder
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Up to 16 Channel perimeter protection, Up to 4 Channel video stream face recognition
- 1-8 PoE Ports support ePoE & EoC



Dahua / NVRs (Cont.)



16CH AI NVR4216-16P-AI/ANZ 16MP&H265 4TB

- 16 Channel AI NVR, 16x POE PORTS with 4TB HDD
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- AI NVR: 1ch face detection & recognition; 2ch perimeter; up to 20,000 face images; 4-ch SMD Plus
- 4TB HDD INCLUDED

DHI-NVR4216-16P-AI/ANZ-4T



24CHANNEL 1.5U, 4HDD SLOTS, 24POE 4K & H.265

- 24 Channel 1.5U 4HDDs 24PoE 4K & H.265 Pro Network Video Recorder
- Max 320 Mbps incoming bandwidth
- Smart H.265+/Smart H.264+/H.265/H.264/MJPEG; H.265 auto switch
- Support IPC UPnP, 24 PoE ports

DHI-NVR5424-24P-4KS2E



32 CHANNEL 1.5U NVR, SATA 3.5"(0/4), POE(16)

- 16 Channel 1.5U 4HDDs 16PoE 4K & H.265 Pro Network Video Recorder
- Max 320 Mbps incoming bandwidth
- 1-channel fisheye de-warping (AI by NVR)
- Support IPC UPnP, 16 PoE ports

NVR5432-16P-4KS2E



64 CHANNEL 3U NVR, STAT 3.5"(0/16), H.265+

- 64 Channel 3U Ultra series Network Video Recorder
- 16-channel decoding @1080p (30 fps); self-adaptive decoding capability
- 384 Mbps Throughput. Simultaneous video output for VGA & HDMI1; 4K output for 2xHDMI ports
- Multiple data mode such as Raid0, Raid1, Raid5, Raid6, and Raid10

NVR616R-64-4KS2

Dahua / Displays



DAHUA 23.8" (16:9) FHD LED, 16/7 USAGE, 7MS, VGA

- 21.45" Monitor, the 1920*1080 resolution produces clearer and more vivid pictures
- 4ms fast response time with no image blurring or ghosting
- 3000:1 high static contrast ratio makes more obvious contrast between bright and dark
- Inputs: VGAx1, HDMI 1.4x1, Audio outx1

DHI-LM22-C200



DAHUA 23.8" (16:9) FHD LED, 16/7 USAGE, 7MS, VGA

- 23.8" Monitor, The 1920*1080 resolution produces clearer and more vivid pictures
- 178°H/178°V extra-wide viewing angle for all-round viewing performance
- Adaptive sync can effectively solve picture lagging and tearing problems
- Inputs: VGAx1, HDMI 1.4x1, Audio outx1

DHI-LM24-C200



DAHUA 32"(16:9) FHD LED, 8MS, HDMI(1), VGA(1), USB(1)

- 32" FHD Monitor, Light and cost-effective plastic housing
- 8ms fast response time with no image blurring or ghosting
- 178°H/178°V extra-wide viewing angle for overall viewing performance
- Inputs: VGA(D-Sub)x1, HDMIx1, USBx1, Output: Speaker 8Wx2

DHI-LM32-F200



2023 Dahua Camera & NVR Product Line Up Guides.
View in the SUPPLEMENTAL RESOURCES
section on page 114.



DAHUA SUPPORT HOTLINE
02 9000 1995
7 DAYS 9 AM - 5 PM (AEST)*

More info
page 114.



IDIS / Dome Cameras



2MP INDOOR 2.8MM IR DOME

DC-D4216RX-2.8MM

- 2MP Fixed 2.8MM Indoor Dome
- NDAA Compliant, Supports Onvif
- 30 m IR, True WDR
- 5 Year Warranty



2MP VANDAL PROOF 2.8MM IR DOME

DC-D4216WRX-2.8MM

- 2MP Vandal Proof Fixed Dome 2.8MM
- NDAA Compliant, Supports ONVIF
- Vandal Proof IK10/IP67
- 5 Year Warranty



2MP INDOOR MOTORISED VARIFOCAI IR DOME

DC-D4236RX

- 2MP Motorised 2.8-12 mm Indoor Dome
- NDAA Compliant, Supports ONVIF
- 30 m IR, True WDR
- 5 Year Warranty



2MP MOTORISED VARIFOCAI VANDAL-RESISTANT IR DOME

DC-D4236WRX

- 2MP Motorised 2.8-12 mm Vandal-Resistant Dome
- NDAA Compliant, Supports ONVIF
- Vandal Proof IK10/IP67
- 5 Year Warranty



5MP VANDAL PROOF 2.8MM IR DOME

DC-D4516WRX-2.8MM

- 5MP Vandal Proof Fixed Dome 2.8MM
- NDAA Compliant, Supports ONVIF
- Vandal Proof IK10/IP67
- 5 Year Warranty



5MP MZ VARIFOCAI VANDAL IR DOME WITH AI ANALYTICS

DC-D4537HRXA

- 5MP Motorised 2.7-13.5 mm Vandal-Resistant Dome
- IDIS Deep-Learning Analytics
- NDAA Compliant, Supports Onvif, Inbuilt Heater
- 5 Year Warranty



5MP MOTORISED VARIFOCAI VANDAL-RESISTANT IR DOME

DC-D4536HRX

- 5MP Motorised 3.0-13.5 mm Vandal-Resistant Dome
- NDAA Compliant, Supports ONVIF
- Vandal Proof IK10/IP67, Built-in Heater
- 5 Year Warranty



5MP INDOOR MOTORISED VARIFOCAI IR DOME

DC-D4536RX

- 5MP Motorised 3.0-13.5 mm Indoor Dome
- NDAA Compliant, Supports ONVIF
- 30 m IR, True WDR
- 5 Year Warranty



5MP INDOOR MOTORISED VARIFOCAI IR DOME

DC-D4536RX

- 5MP Motorised 3.0-13.5 mm Indoor Dome
- NDAA Compliant, Supports ONVIF
- 30 m IR, True WDR
- 5 Year Warranty



8MP (4K) VANDAL PROOF 3.3MM DOME

DC-D4811WRX-3.3MM

- 8MP (4K) Vandal Proof Fixed Dome 3.3MM
- NDAA Compliant, Supports ONVIF
- Vandal Proof IK10/IP67
- 5 Year Warranty



IDIS / Dome Cameras (Cont.)



8MP (4K) VANDAL PROOF MOTORISED VARIFOVAL DOME

DC-D4831HRX

- 8MP Motorised 2.7-13.5 mm Vandal-Resistant Dome
- NDAA Compliant, Supports ONVIF
- Vandal Proof IK10/IP67, Built-in Heater
- 5 Year Warranty



12MP VANDAL-RESISTANT MZ VARIFOVAL DOME

DC-D3C33HRX

- 12MP Motorised 4.5-10 mm IR Dome
- Vandal Proof IK10/IP67, Built-in Heater
- 30 m IR, True WDR
- 5 Year Warranty

IDIS / IP Bullet Cameras



2MP MOTORISED VARIFOVAL IR BULLET

DC-T4236WRX

- 2MP Motorised 2.8-12 mm Vandal-Resistant Bullet
- NDAA Compliant, Supports ONVIF
- 30 m IR, True WDR, Vandal Proof IK10/IP67
- 5 Year Warranty



2MP FIXED IR BULLET 2.8MM

DC-E4216WRX-2.8MM

- 2MP Fixed 2.8 mm Vandal-Resistant IR Bullet
- NDAA Compliant, Supports ONVIF
- 30 m IR, True WDR, Vandal Proof IK10/IP67
- 5 Year Warranty



5MP MOTORISED VARIFOVAL IR BULLET

DC-T4536HRX

- 5MP Motorised 3.0-13.5 mm Vandal-Resistant Bullet
- NDAA Compliant, Supports ONVIF , Built-in Heater
- 30 m IR, True WDR, Vandal Proof IK10/IP67
- 5 Year Warranty



5MP MOTORISED VARIFOVAL IR BULLET WITH AI ANALYTICS

DC-T4537HRXA

- 5MP Motorised 2.7-13.5 mm Vandal-Resistant Bullet
- NDAA Compliant, Supports Onvif, Built-in Heater
- IDIS Deep-Learning Analytics
- 5 Year Warranty



5MP FIXED IR BULLET 2.8MM

DC-T4516WRX-2.8MM

- 5MP Fixed 2.8 mm Vandal-Resistant IR Bullet
- NDAA Compliant, Supports ONVIF
- 30 m IR, True WDR, Vandal Proof IK10/IP67
- 5 Year Warranty



8MP FIXED IR BULLET 3.3MM

DC-T4811WRX-3.3MM

- 5MP Fixed 3.3 mm Vandal-Resistant IR Bullet
- NDAA Compliant, Supports ONVIF
- 30 m IR, True WDR, Vandal Proof IK10/IP67
- 5 Year Warranty



8MP (4K) MOTORISED VARIFOVAL IR BULLET

DC-T4831HRX

- 8MP (4K) Motorised 2.7-13.5 mm Vandal-Resistant Bullet
- NDAA Compliant, Supports ONVIF , Built-in Heater
- 30 m IR, True WDR, Vandal Proof IK10/IP67
- 5 Year Warranty



12MP MOTORISED VARIFOVAL IR BULLET

DC-T3C33HRX

- 12MP Motorised 4.5-10 mm Vandal-Resistant Bullet
- NDAA Compliant, Supports ONVIF , Built-in Heater
- 50 m IR, True WDR, Vandal Proof IK10/IP67
- 5 Year Warranty



IDIS / IP PTZ



8MP 31X VANDAL-RESISTANT IR PTZ

DC-S6881HRX

- 8MP 31x IR PTZ Camera with inbuilt Heater
- Supports ONVIF, True WDR, 300 m IR
- Alarm in / out, micro SD/SDHC/SDXC
- 5 Year Warranty



2MP 12X COMPACT INDOOR PTZ

DC-S6261X-A

- 2MP 12x Indoor PTZ
- NDAA Compliant, Supports ONVIF
- Alarm in / out
- 5 Year Warranty



2MP 36X LIGHTMASTER IR PTZ CAMERA

DC-S6286HRXL

- 2MP 36x Lightmaster IR PTZ Camera
- NDAA Compliant, Supports ONVIF, Built-in Heater
- 350 m IR, Low Light, High-PoE, 24V AC
- 5 Year Warranty

IDIS / IP Specialty



5MP VANDAL-RESISTANT FISHEYE WITH IR

DC-Y6516WRX-A

- 5MP Vandal-Resistant IR Fisheye Camera
- NDAA Compliant, Supports ONVIF
- 20 m IR, True WDR, Vandal Proof IK10/IP67
- 5 Year Warranty



12MP VANDAL-RESISTANT FISHEYE WITH IR

DC-Y6C16WRX

- 12MP Vandal-Resistant IR Fisheye Camera
- NDAA Compliant, Supports ONVIF
- 15 m IR, True WDR, Vandal Proof IK10/IP67, Inbuilt Mic
- 5 Year Warranty



3MP FULL BODY CAMERA

DC-B4501X-A

- 3MP WDR Box Camera
- True WDR, Two way Audio, Supports C/CS Mount Lens
- Supports ONVIF, Alarm In/Out
- 5 Year Warranty

IDIS / IP NVRs



IDIS DIRECTIP 2000 SERIES H.265 4K 16CH NVR

DR-2516P-2TB

- Plug n Play with IDIS DirectIP Cameras
- NDAA Compliant, Supports ONVIF
- 16CH, 8PoE Ports 2 SATA Bays
- 7 Year Warranty upon registration



IDIS DIRECTIP 3000 SERIES H.265 4K 16CH NVR

DR-3516P-2TB

- Plug n Play with IDIS DirectIP Cameras
- NDAA Compliant, Supports ONVIF
- 16CH, 16PoE Ports 4 SATA Bays
- 7 Year Warranty upon registration



IDIS DIRECTIP 6000 SERIES H.265 4K 16CH NVR

DR-6516P-4TB

- Plug n Play with IDIS DirectIP Cameras
- NDAA Compliant, Supports ONVIF
- 16CH, 16PoE Ports 6 SATA Bays, RAID 1
- 7 Year Warranty upon registration



IDIS DIRECTIP 6000 SERIES H.265 4K 32CH NVR

DR-6532P-4TB

- Plug n Play with IDIS DirectIP Cameras
- NDAA Compliant, Supports ONVIF
- 32CH, 16PoE Ports 6 SATA Bays, RAID 1
- 7 Year Warranty upon registration



IDIS / IP NVRs (cont.)



IDIS DIRECTIP 8500 SERIES H.265 4K 32CH NVR

DR-8532D-4TB

- Plug n Play with IDIS DirectIP Cameras
- NDAA Compliant, Supports ONVIF
- 32CH, 8SATA Bays, RAID 1,5,6,10, 2x SFP Ports, Dual PSU
- 7 Year Warranty upon registration



IDIS DIRECTIP 8500 SERIES H.265 4K 64CH NVR

DR-8564D-24TB

- Plug n Play with IDIS DirectIP Cameras
- NDAA Compliant, Supports ONVIF
- 64CH, 8SATA Bays, RAID 1,5,10, 2x SFP Ports, Dual PSU
- 7 Year Warranty upon registration

IDIS / Analytics



IDIS AI BOX WITH BUSINESS INTELLIGENCE ANALYTICS

DV-1304

- Powered by the most advanced IDIS Deep-Learning Analytics (IDLA)
- Ad On to IDIS DR-25XX, 35XX, 65XX, 85XX Series NVR to enable AI Analytics
- Supports: People Counting, Occupancy Control, Queue Monitoring
- Heatmap, Social Distancing Violation, Mask Rule Violation



POWERED BY THE MOST ADVANCED IDIS DEEP-LEARNING ANALYTICS (IDLA)

DV-1304-A

- Ad On to IDIS DR-25XX, 35XX, 65XX, 85XX Series NVR to enable AI Analytics
- Supports: Object Detection (Human, Face, Car, Bike), Line Crossing
- Loitering, Intrusion, Face Detection and Instant Meta Filtering

IDIS / Software Solution



IDIS Solution Suite (ISS) Modular and Scalable Next Generation VMS allows IDIS NVR and Camera Management with no SMA or Upgrade Costs.

IDIS ISS BASE 4 DEVICE LICENCE (NEW SYSTEM / SITE ONLY)

ISS-BASE-4

IDIS ISS LICENCE PER IDIS DEVICE (IDIS NVR OR CAMERA)

ISS-IDIS-DEVICE-1

IDIS ISS LICENCE PER THIRD PARTY CAMERA

ISS-THIRDPARTY-DEVICE-1

IDIS ISS BACKUP PER DEVICE

ISS-BACKUP-1

IDIS ISS FAILOVER PER DEVICE

ISS-FAILOVER-1

IDIS ISS REDUNDANCY LICENCE PER DEVICE

ISS-REDUNDANT-1

IDIS ISS VIDEO WALL LICENCE PER MONITOR

ISS-VIDEOWALL-1

IDIS ISS IDLA LICENCE PER CHANNEL

ISS-IDLA-1

SURVEILLANCE

NEED A MOUNT ACCESSORY?

IDIS MOUNTING ACCESSORIES SELECTION TOOL

designtool.idisglobal.com/design_tool/accessories_selector.php >

IDIS PARTNER PORTAL

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Gold
IoT Solutions

i-PRO

The Power of Truth



i-PRO CORE TECHNOLOGY



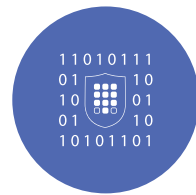
Edge AI Technology

- Wide variety of AI camera models
- Computer vision chip architecture
- Maximizes system performance



Open Platform

- Integrates into leading VMS
- Supports technology partner applications
- Provides development support with SDK/API



Cyber Security

- NDAA compliant
- Built-in cyber security features
- FIPS 140-2 Level 3 certified secure element
- Pre-Installed certificates



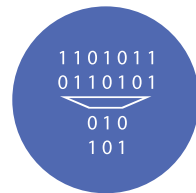
Product Reliability

- Environmental durability
- Designed for less maintenance



Ease of Installation

- Camera design optimized for easy installation
- Installation tools
- Pre-configured with easy kitting



Reduced Bandwidth

- AI Smart Coding
- AI-based optimization
- 3D noise reduction

Capture moments of truth for a safer, more peaceful world.



i-PRO / Multi Sensor



4X5MP OUTDOOR MULTI DIRECTIONAL + 2MP PTZ

WV-X86531-Z2

- 4 x 5MP multi-directional camera + 2MP 21x PTZ camera
- Up to 6 Edge AI analytic apps
- AI auto tracking
- IP66, IP67, IK10 rated & NDAA Compliant



3X5MP OUTDOOR MULTI DIRECTIONAL + 2MP PTZ

WV-X86530-Z2

- 3 x 5MP multi-directional camera + 2MP 21x PTZ camera
- Up to 6 Edge AI analytic apps
- AI auto tracking
- IP66, IP67, IK10 rated & NDAA Compliant



2X4K MULTI DIRECTIONAL DUAL SENSOR CAMERA

WV-S85702-F3L

- Up to 4 Edge AI analytic apps
- Built-in IR-LED 40m, 131ft
- IP66, IP67, IK10 certified, NDAA Compliant
- Built-in FIPS 140-2 Level 3 Certified SecureElement



2X4MP MULTI DIRECTIONAL DUAL SENSOR CAMERA

WV-S85402-V2L

- Up to 4 Edge AI analytic apps
- Built-in IR-LED 40m, 131ft
- IP66, IP67, IK10 certified, NDAA Compliant
- Built-in FIPS 140-2 Level 3 Certified SecureElement



4X4K OUTDOOR MULTI DIRECTIONAL CAMERA

WV-S8574L

- 4 x 4K(33MP) 3840x2160 up to 15fps
- 360° coverage with one IP address
- Intelligent Auto (with AI Engine)
- Built-in FIPS 140-2 Level 3 Certified Secure Element, NDAA



4X4MP OUTDOOR MULTI DIRECTIONAL CAMERA

WV-S8544L

- 4 x 4MP(16MP) 2688x1520 up to 30fps
- 360° coverage with one IP address
- Intelligent Auto (with AI Engine)
- Built-in FIPS 140-2 Level 3 Certified Secure Element, NDAA



3X4MP OUTDOOR MULTI DIRECTIONAL CAMERA

WV-S8543L

- 3 x 4MP(12MP) 2688x1520 up to 30fps
- 270° coverage with one IP address
- Intelligent Auto (with AI Engine)
- Built-in FIPS 140-2 Level 3 Certified Secure Element, NDAA

i-PRO / PTZ



4K OUTDOOR 30X RAPID PTZ

WV-S66700-Z3L

- 4K 30x PTZ camera
- Up to 3 Edge AI analytic apps
- IP66, IK10 certified, NDAA
- Built-in FIPS 140-2 Level 3 Certified SecureElement



2MP OUTDOOR 40 X RAPID PTZ

WVS66300-Z4L

- 2MP 40x PTZ camera
- Up to 2 Edge AI analytic apps
- IP66, IK10 certified, NDAA
- Built-in FIPS 140-2 Level 3 Certified SecureElement



2MP OUTDOOR 40 X PTZ

WV-S65340-Z4N

- 2MP (1080p) 1920x1080
- Intelligent Auto (with AI Engine)
- IP66, IP67, IK10 certified, NDAA Compliant
- Built-in FIPS 140-2 Level 3 Certified Secure Element



i-PRO / Dome



5MP OUTDOOR DOME CAMERA

WV-S25500-V3L

- 5MP outdoor dome camera
- Intelligent Auto (with AI Engine)
- 50J, IK10 Vandal Resistant, NDAA Compliant
- Built-in FIPS 140-2 Level 3 Certified Secure Element



5MP INDOOR VANDAL IR DOME CAMERA

WV-S22500-V3L

- 5MP indoor dome camera
- Intelligent Auto (with AI Engine)
- Built-in FIPS 140-2 Level 3 Certified Secure Element, NDAA Compliant
- Built-in IR LED



2MP OUTDOOR DOME CAMERA

WV-S2536LA

- 2MP outdoor dome camera
- Up to 2 Edge AI analytic apps
- IP66, IK10 certified, NDAA Compliant
- Built-in FIPS 140-2 Level 3 Certified SecureElement



2MP OUTDOOR DOME CAMERA LONG FOCAL

WV-S2536LTA

- 2MP outdoor dome camera
- Up to 2 Edge AI analytic apps
- IP66, IK10 certified, NDAA Compliant
- Built-in FIPS 140-2 Level 3 Certified SecureElement



2MP INDOOR VANDAL IR DOME CAMERA

WV-S2236LA

- 2MP Indoor vandal dome camera
- Up to 2 Edge AI analytic apps
- IK10 certified, NDAA Compliant
- Built-in FIPS 140-2 L2 Level 3 Certified Secure Element

i-PRO / Bullet



4K BULLET CAMERA

WV-S15700-V2LN

- 4K Outdoor Bullet Network Camera
- Intelligent Auto (with AI Engine)
- Built-in FIPS 140-2 Level 3 Certified Secure Element
- NDAA Compliant



5MP BULLET CAMERA

WV-S15500-V3LN

- 5MP outdoor bullet network camera
- Intelligent Auto (with AI Engine)
- Built-in FIPS 140-2 Level 3 Certified Secure Element
- IK10 Vandal Resistant , NDAA Compliant



2MP BULLET CAMERA

WV-S1536LA

- 2MP outdoor bullet camera
- Up to 2 Edge AI analytic apps
- IP66, IK10 certified, NDAA Compliant
- Built-in FIPS 140-2 Level 3 Certified SecureElement



2MP BULLET CAMERA LONG FOCAL

WV-S1536LTA

- 2MP outdoor bullet camera
- Up to 2 Edge AI analytic apps
- IP66, IK10 certified, NDAA Compliant
- Built-in FIPS 140-2 Level 3 Certified SecureElement

i-PRO / Fish Eye



12MP 360 OUTDOOR FISHEYE CAMERA

WV-S4576LA

- 12MP outdoor 360-degree fisheye camera
- Up to 3 Edge AI analytic apps
- IP66, IK10 certified, NDAA Compliant
- Built-in FIPS 140-2 Level 3 Certified SecureElement



12MP 360 INDOOR FISHEYE CAMERA

WV-S4176A

- 12MP indoor 360-degree fisheye camera
- Up to 3 Edge AI analytic apps
- Built-in FIPS 140-2 Level 3 Certified SecureElement
- NDAA Compliant



RISCO / VUpoint NVR's



RISCO VUPOINT 4 CHANNEL NVR 4 POE PORTS NO HDD

RVNVR04002QB

- Connects to the RISCO Cloud
- Includes AU kettle cord
- 4 PoE ports



RISCO VUPOINT 8 CHANNEL NVR 8 POE PORTS NO HDD

RVNVR08002QB

- Connects to the RISCO Cloud
- Includes AU kettle cord
- 4 PoE ports

RISCO / VUpoint Cameras / 2MP Wi-Fi & IP Cameras



RISCO VUPOINT 2MP WIFI CUBE INDOOR CAM 2.8MM LENS

RVCM11W1500A

- Micro SD, Max 256GB
- Built in Speaker & Mic
- Max IR Distance 10m
- 12VDC



RISCO VUPOINT 2MP WIFI DOME CAMERA 2.8MM LENS

RVCM32W1600A

- Micro SD, Max 128GB
- Max IR Distance 20m
- IP67
- 12VDC or PoE



RISCO VUPOINT 2MP WIFI BULLET CAMERA 2.8MM LENS

RVCM52W1400A

- Micro SD, Max 128GB
- Built in Mic
- IP67
- 12VDC



RISCO VUPOINT 2MP WIFI PT CAMERA 3.6MM LENS

RVCM61H1700A

- Micro SD, Max 128GB
- Built in Speaker & Mic
- Max IR Distance 10m
- 12VDC

RISCO / VUpoint Cameras / 4MP PoE Professional Series Cameras



RISCO VUPOINT 4MP POE CUBE CAMERA AUDIO

RVCM11P1800A

- Micro SD, Max 256GB
- Built in Speaker & Mic
- Max IR Distance 10m
- 12VDC/PoE



RISCO VUPOINT 4MP POE DOME CAMERA

RVCM32P1900A

- Micro SD, Max 256GB
- Max IR Distance 30m
- IP67
- 12VDC/PoE



RISCO VUPOINT 4MP POE BULLET CAMERA

RVCM52P2000A

- Micro SD, Max 256GB
- Max IR Distance 30m
- IP67
- 12VDC/PoE



RISCO VUPOINT 4MP POE TURRET CAMERA

RVCM72P2100A

- Micro SD, Max 256GB
- Built in Mic
- IP67
- 12VDC/PoE



RISCO VUPOINT 4MP POE VARI-FOCAL BULLET CAMERA

RVCM52P2200A

- Micro SD, Max 256GB
- 2.8 - 12 mm Lens
- IP67
- 12VDC/PoE



RISCO / VUpoint Cameras / 4MP PoE Professional Series Cameras (Cont.)



RISCO VUPOINT 4MP POE VARI-FOCAL TURRET CAMERA

RVCM72P2300A

- Micro SD, Max 256GB
- 2.8 - 12 mm Lens
- IP67
- 12VDC/PoE



RISCO VUPOINT 4MP 25X ZOOM PTZ CAMERA

RVCM82E2500A

- Micro SD, Max 256GB
- 4.8 mm - 120m Lens
- IP66
- 12VDC/PoE+

Mobotix / **MOBOTIX MOVE**



5MP DOME 2.7-12MM, IP66, IK10,40 M IR,MOTORISED LENS

MX-VD2A-5-IR-VA

- 5 Megapixel vandal proof dome
- Hardened EVERCLEAR coating
- 2.7-12 mm lens, IP66, IK10, motorised lens, 40 m IR
- ONVIF S/G/T, 5 Year Warranty



5MP BULLET,IP67,IK10,2.7-12MM,40 M IR,MOTORISED LENS

MX-VB2A-5-IR-VA

- 5 Megapixel bullet camera
- Hardened EVERCLEAR coating
- 2.7-12 mm lens, IP66, IK10, motorised lens, 40 m IR
- ONVIF S/G/T, 5 Year Warranty



8MP BULLET,IP67,IK10,3.6-11MM,40 M IR,ANALYTICS

MX-VB1A-8-IR-VA

- 8 Megapixel bullet camera
- Hardened EVERCLEAR coating
- 3.6-11 mm lens, IP66, IK10, motorised lens, 40 m IR
- ONVIF S/G/T, 5 Year Warranty

Mobotix / **M73 High Performance**



M73 CAMERA BODY, ONVIF PROFILE G,S,T

MX-M73A-RJ45

- Connect up to 3 additional optical sensor modules
- ONVIF S compliant, H.264/H.265
- Max image size 4K per sensor
- 20 different 30 day free trial applications installed



M73/S74 4K DAY/NIGHT LENS MODULE

MX-O-M7SA-8DN040

- 4K Day/Night lens module
- 120 degree field of view



M73/S74 4K DAY/NIGHT LENS MODULE

MX-O-M7SA-8DN150

- 4K Day/Night lens module
- 30 degree field of view



BLIND LENS INSERT

MX-O-M7SA-BLIND

- M73 blind lens insert



IR LED MODULE

MX-F-IRA-S

- IR LED module
- 70 m IR performance @ 45-60 degrees FOV

Mobotix / **Hemispheric**



12MP HEMISPHERIC DOME ONVIF S/T, IP66

MX-Q71A-12DN016

- 12MP Hemispheric dome
- IP66 with day/night IR cut filter
- ONVIF S/T, 8GB memory card included
- 5 Year warranty



Mobotix / Hemispheric (Cont.)



WALL MOUNT BRACKET

MX-M-OW-DQ

- Wall mount bracket to suit MX-Q71A-12DN016

Mobotix / D71 Professional



4K IP66 D71 DAY/NIGHT DOME WIDE LENS

MX-D71A-8DN050

- 4K Day/Night high performance dome
- IR LEDS, IP66, IK10 impact resistant, H.264/H.265
- Wide angle lens, ONVIF S/T, 8GB memory card included
- 5 Year Warranty



4K IP66 D71 DAY/NIGHT DOME NARROW LENS

MX-D71A-8DN150

- 4K Day/Night high performance dome
- IR LEDS, IP66, IK10 impact resistant, H.264/H.265
- Narrow lens, ONVIF S/T, 8GB memory card included
- 5 Year Warranty



4K IP66 D71 DAY/NIGHT DOME TELE LENS

MX-D71A-8DN280

- 4K Day/Night high performance dome
- IR LEDS, IP66, IK10 impact resistant, H.264/H.265
- Tele lens, ONVIF S/T, 8GB memory card included
- 5 Year Warranty

Mobotix / S74 High Multitasking



MOBOTIX S74 BODY FOR 4 SENSOR MODULES 8GB CARD INCLUDED

MX-S74A

- S74 camera module for connecting up to four optical sensor modules
- Max image sensor modules up to 4K UHD, ONVIF S Compliant
- Mobotix camera apps based on deep learning - 20 different 30 day demo versions
- 5 Year Warranty



MOBOTIX M73/S74 4K IR CUT D/N SENSOR MODULE WIDE

MX-O-M7SA-8DN050

- M73/S73 sensor module with premium wide angle lens
- IR Cut Filter for day and night use, F1.8
- IP66 , 4K UHD
- Image angle 95x50 degrees



MOBOTIX M73/S74 4K IR CUT D/N SENSOR MODULE TELE

MX-O-M7SA-8DN150

- M73/S73 sensor module with premium tele lens
- IR Cut Filter for day and night use, F1.8
- IP66 , 4K UHD
- Image angle 30x17 degrees



MOBOTIX IR MODULE FOR M73/S74 TELE

MX-F-IRA-T

- M73/S74 IR sensor module
- IP66
- Illumination 15x30 degrees



MOBOTIX IR MODULE FOR M73/S74 WIDE

MX-F-IRA-W

- M73/S74 IR sensor module
- IP66
- Illumination 95 degrees
- Up to 40 m IR performance



WEATHERPROOF AUDIO MODULE

MX-F-AUDA

- Weatherproof audio module
- IP66, -30 to 65 degrees, IP07
- Integrated microphone and speaker



S74 NETWORK SLIDE IN BOARD

MX-F-S7A-RJ45

- Network slide in board with RJ45 socket



RING / Video Doorbell - Wired



RING VIDEO DOORBELL WIRED (8V), 1YR

B091D9R5XX-DAS

- + PLUG-IN ADAPTER (2ND GEN), Motion Detection and Real-Time Alerts with Advanced Pre-Roll
- Plug in Power or Hardwired
- Live View and Two-Way Talk
- 1080p HD Video and Colour Night Vision



RING VIDEO DOORBELL PRO 2 (WIRED), 1YR

8VRBPZ-0AU0-DAS

- 3D Motion Detection and Bird's Eye view
- Live View and Two-Way Talk with Audio+
- 1536p HD with Head-to-Toe Video and Colour Night Vision
- Real-Time Alerts with Advanced Pre-Roll



RING VIDEO DOORBELL ELITE (WIRED), 1YR

8VR1E7-0AU0-DAS

- Power over Ethernet
- Live View and Two-Way Audio with noise cancellation
- 1080p HD Video and Night Vision
- Motion Detection and Real-Time Alerts with Advanced Pre-Roll

RING / Video Doorbell - Battery



RING VIDEO DOORBELL 4 (RVD4) (BATTERY), 1YR

B08JNR77QY-DAS

- Rechargeable Quick Release Battery or Hardwired
- Live View and Two-Way Talk
- 1080p HD Video and Night Vision
- Motion Detection and Real-Time Alerts with Colour Pre-Roll video previews

RING / Floodlight Camera - Wired



RING FLOODLIGHT CAMERA WIRED PLUS - BLACK, 1YR

B08F63QFMP-DAS

- 2 adjustable LED floodlights with brightness control and remote activated Siren
- also available in WHITE (B08F6H9RZT-DAS)
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk



RING FLOODLIGHT CAMERA WIRED PRO - BLACK, 1YR

B08FCVRDB6-DAS

- 2 adjustable LED floodlights with brightness control and remote activated Siren
- also available in WHITE (B08FCWSZZ9-DAS)
- 1080p HD Video and Colour Night Vision, 3D Motion detection and Bird's Eye view
- Motion-Activated Notification, Live View and Two-Way Talk with Audio+

RING / Spotlight Camera



RING SPOTLIGHT CAM PLUS BATTERY - BLACK, 1YR

B09K1HHZTM-DAS

- 2 LED Spotlights and remote activated Siren
- Also available in WHITE (B09JZ5BG26-DAS)
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk



RING SPOTLIGHT CAM PLUS PLUG-IN - BLACK, 1YR

B09K1HK2C4-DAS

- 2 LED Spotlights and remote activated Siren
- Also available in WHITE (B09K1K8637-DAS)
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk



RING SPOTLIGHT CAM PRO BATTERY - WHITE, 1YR

B09DRX62ZV-DAS

- 2 LED Spotlights and remote activated Siren
- 3D Motion Detection and Bird's Eye view
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk with Audio+



RING SPOTLIGHT CAM PRO PLUG-IN - WHITE, 1YR

B09DR88WLB-DAS

- 2 LED Spotlights and remote activated Siren
- 3D Motion Detection and Bird's Eye view
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk with Audio+



RING SPOTLIGHT CAM PRO WIRED - WHITE, 1YR

B0B6GM31W4-DAS

- 2 LED Spotlights and remote activated Siren
- 3D Motion Detection and Bird's Eye view
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk with Audio+



RING / Stick Up Cameras



RING STICK UP CAM BATTERY (3RD GEN) - BLACK 1-PACK, 1YR

B07Q3T177V-DAS

- Indoor and outdoor. Setup anywhere around your home
- Advanced Motion Detection with Customisable Motion Zones
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk with noise cancellation



RING STICK UP CAM BATTERY (3RD GEN) - WHITE 1-PACK, 1YR

B07Q6ZZFLS-DAS

- Indoor and outdoor. Setup anywhere around your home
- Advanced Motion Detection with Customisable Motion Zones
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk with noise cancellation



RING STICK UP CAM BATTERY (3RD GEN) - WHITE 3-PACK, 1YR

B09P46X2FJ-DAS

- Indoor and outdoor. Setup anywhere around your home
- Advanced Motion Detection with Customisable Motion Zones
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk with noise cancellation



RING STICK UP CAM ELITE (WIRED) - BLACK, 1YR

8SS1E8-BAU0-DAS

- Indoor and outdoor. Setup anywhere around your home
- also available in WHITE (8SS1E8-WAU0-DAS)
- 1080p HD Video and Colour Night Vision
- Motion-Activated Notification, Live View and Two-Way Talk with noise cancellation

RING / Accessories & Brackets



RING ALL-NEW CHIME PRO (2ND GEN),1YR

8AC1PZ-0AU0-DAS

- Extends Coverage for Ring Devices
- Built in Nightlight
- Adjustable Volume with Classic and Seasonal Tones
- Dual-Band 2.4GHz and 5GHz Connectivity



RING QUICK RELEASE BATTERY PACK,1YR

8AB1S7-0EN0-DAS

- Rechargeable Battery
- Swaps in and out of your device with a quick-release tab
- Charges using a micro-USB cable



RING SOLAR PANEL (USB-C) - BLACK,1YR

B0B27QLY6L-DAS

- USB-C; USB-C to barrel-plug adapter included
- also available in WHITE (B0B27JY45L-DAS)
- USB-C Cable Length: 2m
- Solar Power Rating: 4W, 5VDC



RING SMALL SOLAR PANEL (USB-C) - BLACK,1YR

B09YGCFL1Q-DAS

- USB-C; USB-C to barrel-plug adapter included
- also available in WHITE (B09YGLYSMD-DAS)
- USB-C Cable Length: 2m
- Solar Power Rating: 1.9W, 5VDC



RING PLUG-IN ADAPTER (2ND GENERATION) - WHITE,1YR

B09NCQ2TRQ-DAS

- Plug-In Adapter for Ring Doorbells to connect to standard indoor power socket
- Compatible with Video Doorbell (2nd Generation), Video Doorbell 3/3+/4,
- Battery Video Doorbell Plus, Video Doorbell Pro 2, Video Doorbell Wired



RING RVD3/3+/4 - SOLAR CHARGER (2ND GEN),1YR

B0B3FCLY26-DAS

- Solar Charger (Micro-USB connector)
- Works with Wedge Kit or Corner Kit
- Solar Power Rating: 0.57W, 5.2VDC



RING SOLAR PANEL - RVD2/RVD3/RVD3+/RVD4 (BLACK),1YR







8ASPFZ-B000-DAS

- Solar Charger (fork connector)
- 6.1 m cable with Fork Connector
- Solar Power Rating: 2.4W, 5VDC









VMS & ANALYTICS

Milestone / Software

	XPROTECT PROFESSIONAL+ BASE LICENCE <ul style="list-style-type: none"> Unrestricted channels Multi site and multi server capable XProtect Add-ons Redundancy 	XPPPLUSBL
	XPROTECT PROFESSIONAL+ DEVICE LICENCE <ul style="list-style-type: none"> Single Channel device licence 	XPPPLUSDL
	XPROTECT EXPERT BASE LICENCE <ul style="list-style-type: none"> Unrestricted channels Multi site management Failover management Smart wall compatible 	XPETBL
	XPROTECT EXPERT DEVICE LICENCE <ul style="list-style-type: none"> Single Channel device licence 	XPETDL
	XPROTECT CORPORATE BASE LICENCE <ul style="list-style-type: none"> Unrestricted channels Multi site management Failover management Smart Wall included 	XPCOBT
	XPROTECT CORPORATE DEVICE LICENCE <ul style="list-style-type: none"> Single Channel device licence 	XPCODL

Milestone / NVRs

	HUSKY 150 DESKTOP IVO <ul style="list-style-type: none"> Available: 2TB, 4TB, 8TB, 12TB, 16TB Throughput of up to 150Mbit/s Small form factor 5 Year Warranty 	HE150D
	HUSKY 350 TOWER IVO <ul style="list-style-type: none"> Available: 4TB, 8TB, 16TB, 24TB, 32TB Throughput of up to 360Mbit/s 5 Year Warranty RAID 0, 1 	HE350T
	HUSKY 350 RACK MOUNT IVO <ul style="list-style-type: none"> Available: 4TB, 8TB, 16TB, 24TB, 32TB Throughput of up to 360Mbit/s 5 Year Warranty RAID 0, 1 	HE350R
	HUSKY 700 RACK MOUNT IVO <ul style="list-style-type: none"> Available: 8TB, 16TB, 32TB, 48TB, 64TB Throughput of up to 720Mbit/s Redundant power supplies RAID 0, 1, 5, 6, 10 	HE700R
	HUSKY 1000 RACK MOUNT IVO <ul style="list-style-type: none"> Available: 16TB, 32TB, 64TB, 96TB, 128TB Throughput of up to 1080Mbit/s Redundant power supplies RAID 0, 1, 5, 6, 10 	HE1000R
	HUSKY 1800 RACK MOUNT IVO <ul style="list-style-type: none"> Available: 24TB, 48TB, 96TB, 144TB, 192TB, 288TB, 384TB Throughput of up to 1800Mbit/s Redundant power supplies RAID 0, 1, 5, 6, 10 	HE1800R



Milestone / Milestone Care packages - Multi Year Options Available



Milestone Care is a complete software maintenance and support program that takes care of your product throughout its lifetime. It delivers on our commitment to your business that you can take full advantage of your product and get the most out of your investment.

1 YEAR CARE PLUS FOR XPROTECT EXPRESS+ DEVICE LICENCE

YXPEXPLUSDL

- Milestone Care Plus - Technical support - for XProtect Express+
- Device Licence - web support - 1 year

1 YEAR CARE PLUS FOR XPROTECT PROFESSIONAL+ DL

YXPPPLUSDL

- Milestone Care Plus - Technical support - for XProtect Professional+
- Device Licence - web support - 1 year

1 YEAR CARE PLUS FOR XPROTECT EXPERT BL

YXPETBL

- Milestone Care Plus - Technical support - for XProtect Expert
- Base Licence - web support - 1 year

1 YEAR CARE PLUS FOR XPROTECT EXPERT DL

YXPETDL

- Milestone Care Plus - Technical support - for XProtect Expert
- Device Licence - web support - 1 year

1 YEAR CARE PLUS FOR XPROTECT CORPORATE BL

YXPCOBT

- Milestone Care Plus - Technical support - for XProtect Corporate
- Base Licence - web support - 1 year

1 YEAR CARE PLUS FOR XPROTECT CORPORATE DL

YXPCODL

- Milestone Care Plus - Technical support - for XProtect Corporate
- Device Licence - web support - 1 year

Milestone / O-Insights



O-Insights for Milestone VMS (CCTV) and provides powerful visualization and reporting capabilities.

Contact your local account manager for a product demo and pricing.

O-INSIGHTS BASE FOR MILESTONE VMS

O-INSIGHTS M

- Base license support 50 CH
- Customised dash board to view alarms, trends and reports
- Rich selection of widgets to use in various scenarios

O-INSIGHTS 50 CH

O-INSIGHTS 50

- Additional CH options to add to the base license - available as 50, 100, 250, 500 & 1000 CH

BASE 1 YEAR SUPPORT

O-INSIGHTS MS 1

- 1 Year remote support for Base license of 100 CH - available in 1Y, 3Y and 5 year options

50 CH 1 YEAR SUPPORT

O-INSIGHTS 50S1

- 1 Year remote support for 50 CH expansion - options for 50, 100, 250, 500 & 1000 CH
- Options available for 1Y, 3Y and 5 years of support

O-INSIGHTS BACNET DRIVER FOR ALARMS AND EVENTS 100 CH

MILBAC100

- Windows based software
- Suitable for 100 CH and provides an interface between Milestone server via BACnet
- VMS alarms and events can be shared seamlessly

O-INSIGHTS OPC UA DRIVER 100 CH

MILOPC100

- O-Insights OPC UA driver allows data exchange between Milestone VMS and Bosch BIS
- The alarms and events can be shared seamlessly

SLIDER PLUGIN

O-SLDR

- Milestone O-SLDR Slider Plugin (View Sequencer)



Analytics / BriefCam



PROTECT - BASE

- Video Input = File & VMS
- # of Included Concurrent Users = 5
- # of Included Camera Streams = 100
- Max # of Camera Streams = Unlimited
- BriefCam REVIEW = Yes

PT-BAS-001

- BriefCam RESEARCH = Yes
- # of Named Users (1 x Editor; 4 x Viewer) = 5
- BriefCam RESPOND = Yes
- # of Camera Streams = 10



INSIGHTS - BASE

- Video Input = VMS Only
- # of Included Concurrent Users = 5
- # of Included Camera Streams = 100
- Max # of Camera Streams = Unlimited
- BriefCam REVIEW = Yes

IS-BAS-001

- BriefCam RESEARCH = Yes
- # of Named Users (1 x Editor; 4 x Viewer) = 5
- BriefCam RESPOND = Yes
- # of Camera Streams = 10



RAPIDREVIEW

- Video Input = VMS Only
- # of Included Concurrent Users = 2
- # of Included Camera Streams = 50
- Max # of Camera Streams = 200
- BriefCam REVIEW = Yes

RR-BAS-001



INVEST4TEAMS - BASE

- Video Input = File Only
- # of Included Concurrent Users = 5
- BriefCam REVIEW = Yes

IT-BAS-005



INVESTIGATOR - BASE

- Video Input = File Only
- # of Included Concurrent Users = 1
- BriefCam REVIEW = Yes

IV-BAS-001



ACCESSORIES

Jack Fuse / ATMOD



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - BLACK

ATMOD01

- Rating - 1K/1K
- Used with Protégé, Mercury, Genetec, Lenel, Avigilon and C•Cure
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - RED

ATMOD010

- Rating - 10K/10K
- Used with Tecom, Pacom & Risco LightSYS
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - GREY & WHITE

ATMOD122

- Rating - 2K2/1K
- Used with CEM
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - WHITE

ATMOD18

- Rating - 180R/300R
- Used with PCSC
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - GREEN

ATMOD22

- Rating - 2K2/2K2
- Used with Integrity & Inception
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - ORANGE

ATMOD2R

- Rating - 22K/22K
- Used with Siemens
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - BROWN

ATMOD33

- Rating - 3K3/3K3
- Used with Reliance
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - BROWN & BLACK

ATMOD33S

- Rating - 0E/3K3
- Used with Reliance & Bosch
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - BROWN & ORANGE

ATMOD36

- Rating - 3K3/6K8
- Used with Bosch
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - BROWN & PURPLE

ATMOD374S

- Rating - 0E/3K74
- Used with Reliance
- Packet of 8
- Lifetime Warranty



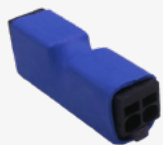
Jack Fuse / **Atmod** (Cont.)



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - YELLOW

ATMOD47

- Rating - 4K7/4K7
- Used with Gallagher
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - BLUE

ATMOD68

- Rating - 2K2/6K8
- Used with Concept
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - GREY

ATMOD680

- Rating - 680E/680E
- Used with Dormakaba
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - BROWN & WHITE

ATMOD68S

- Rating - 0E/6K8
- Used with Bosch
- Packet of 8
- Lifetime Warranty



JACKFUSE QUICK CONNECT EOL RESISTOR PACK - BROWN & BLUE

ATMOD698S

- Rating - 0E/6K98
- Used with Reliance
- Packet of 8
- Lifetime Warranty

Jack Fuse / **Power Distribution Modules**



JACKFUSE POWER PORT PTC POWER DISTRIBUTION MODULE

PP10HD

- 10 x 1A Self-healing PTC fused outputs with status LED
- 75 x 55 x 55 mm with double deck terminal
- DIN rail mount
- Lifetime Warranty



JACKFUSE POWER PORT FUSED POWER DISTRIBUTION MODULE

PP10MG

- 10 x 1A glass fused outputs with status LED
- 75 L X 75 W X 55 H (mm)
- DIN rail mount
- Lifetime Warranty



JACKFUSE POWER PORT PTC POWER DISTRIBUTION MODULE

PP5FR-UNI

- 5 x 2A self-healing outputs, fire trip + monitoring
- 95 L X 95 W X 34 H (mm) (Inner Range) 87 L X 70 W X 34 H (mm) (Gallagher)
- Universal Gallagher, Inner Range And DIN Rail Mounting Options
- Lifetime Warranty



JACKFUSE POWER PORT FUSED POWER DISTRIBUTION MODULE

PP8FR

- 8 x 1A glass fused outputs with status LED
- 110 L X 75 W X 50 H (mm)
- DIN rail mount
- Lifetime Warranty



JACKFUSE POWER PORT PTC POWER DISTRIBUTION MODULE

PP8PTC

- 8 x 2A Self-healing PTC fused outputs with status LED
- 110 L X 75 W X 52 H (mm)
- DIN rail mount
- Lifetime Warranty



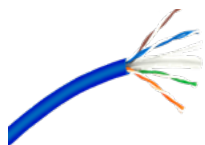
PATRIOT PTC POWER DISTRIBUTION MODULE

PATFUSE

- 8 x 2A Self-healing PTC fused outputs with status LED
- Rated to 28VDC 12/24V selectable
- Fire alarm output & trip interface
- DIN rail mount option included



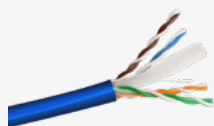
Cable



DATAMASTER CAT5E BLUE 305M

Y8400BLURIB

- Datamaster Cat5e Ethernet cable has the ability to support up to 1000Mbps
- Available in Blue, Black, Green, Yellow, White, Pink and Orange
- Comes in a handy reel in a box, for physical protection and storage



DATAMASTER CAT6 BLUE 305M

Y8500BLURIB

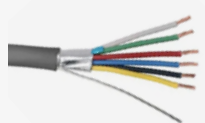
- Datamaster Cat6 Ethernet cable has the ability to support up to 10,000Mbps
- Available in Blue, Black, Green, Yellow, White, Pink, Grey and Purple
- Comes in a handy reel in a box, for physical protection and storage



DATAMASTER CAT6 BLUE PATCH LEAD 500MM

W2750BLU

- Datamaster Cat6 Ethernet cable has the ability to support up to 10,000Mbps
- Available in Blue, Black, Green, Yellow, White, Pink and Red
- Available in various sizes, 250mm, 500mm, 1 m, 1.5 m, 2 m, 3 m, 5 m and 10 m
- Also comes in thin variation, limited colours and sizes



DATAMASTER 6 CORE WIEGAND SCREEN 250M ROLL

Y4270

- Standard tinned copper conductors
- PVC insulated with aluminium foil tape screened
- Ideal for interconnection of data terminals and communications equipment



DATAMASTER LAN CABLE 300M ROLL

Y8408300

- Individually shielded twisted pairs, great for a variety of applications
- Shielding offers protection from electrical magnetic interferences
- PVC outer jacket material for enhances cable protection.



DATAMASTER 4 CORE 14/020 WHITE 305M BOX

Y4244WHI

- Multicore 4 conductor cable for security applications
- Available in 7/0.20 or 14/0.20 stranding



DATAMASTER 6 CORE 14/020 WHITE 305M BOX

Y4264WHI

- Multicore 6 conductor cable for security applications
- Available in 7/0.20 or 14/0.20 stranding
- Supplied in reels of 100 meters or 305 meter pull box



DAHUA 305M UTP CAT6 CABLE-BLUE

DH-PFM920I-6UN-C

- 305 m (1000 ft)/carton UTP CAT6, power over Ethernet, compatible with one cable
- High-purity oxygen-free copper conductor
- Customised PVC outer sheath; CE CPR Eca flame retardant class certified
- 10-year warranty



DAHUA 305M UTP CAT6 CABLE-YELLOW

DH-PFM920I-6UN-CY

- 305 m (1000 ft)/carton UTP CAT6, power over Ethernet, compatible with one cable
- High-purity oxygen-free copper conductor
- Customised PVC outer sheath; CE CPR Eca flame retardant class certified
- 10-year warranty



DAHUA 305M UTP CAT6 CABLE-PURPLE

DH-PFM920I-6UN-CP

- 305 m (1000 ft)/carton UTP CAT6, power over Ethernet, compatible with one cable
- High-purity oxygen-free copper conductor
- Customised PVC outer sheath; CE CPR Eca flame retardant class certified
- 10-year warranty



DAHUA 305M UTP CAT5E CABLE

DH-PFM920I-5EUN

- 305 m (1000 ft)/carton UTP CAT5e, power over Ethernet, compatible with one cable
- High-purity oxygen-free copper conductor
- Customised PVC outer sheath; CE CPR Eca flame retardant class certified
- 10-year warranty

Powerpacks



PATRIOT 12V DC 5A POWERPACK

M-DC12-5A

- Input 230V AC
- Outputs - 12V DC x 4 (5A max total)



DATAMASTER 12V DC 5A POWERPACK

T1250-021KIT1

- Input 230V AC
- 2.1 mm Output Plug



DATAMASTER 16V AC 1.5A POWERPACK

T1615DAS

- 48C Series AC adaptor (alarm panel power supply unit)
- 24 Watt max capacity
- 16V AC 1.5 Amp class 1 (earthed) power supply



DATAMASTER 16V AC 3A POWERPACK

T1630S/T

- In-line AC adaptor
- 48 Watt max capacity
- 16V AC 3 Amp class 1 (earthed) power supply

Stand-alone 12V DC Power Supplies



POWERBOX 12V DC 4A SWITCHMODE POWER SUPPLY

PBB3S-12-4

- Input 100 to 240V AC
- Outputs - 12V DC 4.17A
- High reliability and high efficiency
- Green Mains and DC OK LED



POWERBOX 12V DC 8A SWITCHMODE POWER SUPPLY

PBB3S-12-8

- Input 100 to 240V AC
- Outputs - 12V AC 4.17A
- High reliability and high efficiency
- Green Mains and DC OK LED



PATRIOT 12V DC 8A RACK MOUNT POWER SUPPLY

R-DC12-8A

- Input 230V AC
- Compact 1RU
- 12V AC 8A
- 8 x 1A Outputs



POWERBOX 12V DC 12A SWITCHMODE POWER SUPPLY

PBB3S-12-12

- Input 100 to 240V AC
- Outputs - 12V DC 4.17A
- High reliability and high efficiency
- Green Mains and DC OK LED

Stand-alone 13.8V DC Power Supplies (includes Charger, AC Fail & Low Battery Outputs)



POWERBOX 13.8V DC 3.5A SWITCHMODE POWER SUPPLY

PBB2S-13-3.5

- Input 100 to 240V AC
- Outputs - 13.8V DC 3.5A
- Separate current limited battery charger output
- Green Mains and DC OK LED / relays



POWERBOX 13.8V DC 7A SWITCHMODE POWER SUPPLY

PBB2S-13-7

- Input 100 to 240V AC
- Outputs - 13.8V DC 7A
- Separate current limited battery charger output
- Green Mains and DC OK LED / relays



Stand-alone 13.8V DC Power Supplies (Cont.)



PATRIOT 12V DC ADJUSTABLE 8A SWITCH MODE POWER SUPPLY

OPS-12V-8A

- Input 230V AC Output 12V DC Adj 11V DC -13.8V DC @ 8A
- 13.8VDC 1.2A battery charger
- Low battery cutoff, AC fail and low battery alarm relays



POWERBOX 13.8V DC 10A SWITCHMODE POWER SUPPLY

PB256-1210CML

- Input 190 to 265V AC
- Outputs - 13.8V DC 8A & 2A (Charger)
- Low battery cutoff, AC fail and low battery alarm relays



POWERBOX 13.8V DC 16A SWITCHMODE POWER SUPPLY

PB251A-12CM

- Input 100 to 240V AC
- Outputs - 13.8V DC 14A & 2A (Charger)
- Low battery cutoff, AC fail and low battery alarm relays

Stand-alone 24V DC Power Supplies



POWERBOX 24V DC 2A SWITCHMODE POWER SUPPLY

PBB3S-24-2

- Input 100 to 240V AC
- Outputs - 12V DC 4.17A
- High reliability and high efficiency
- Green Mains and DC OK LED



POWERBOX 24V DC 4A SWITCHMODE POWER SUPPLY

PBB3S-24-4

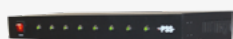
- Input 100 to 240V AC
- Outputs - 12V DC 4.17A
- High reliability and high efficiency
- Green Mains and DC OK LED



POWERBOX 24V DC 6A SWITCHMODE POWER SUPPLY

PBB3S-24-6

- Input 100 to 240V AC
- Outputs - 12V DC 4.17A
- High reliability and high efficiency
- Green Mains and DC OK LED



PATRIOT 24V DC 13A RACK MOUNT POWER SUPPLY

R-DC24-13A

- Input 230V AC
- Compact 1RU
- 24V DC 13A
- 8 x 2A Outputs

Stand-alone 27.6V DC Power Supplies (includes Charger, AC Fail & Low Battery Outputs)



POWERBOX 27.6V DC 3.5A SWITCHMODE POWER SUPPLY

PBB2S-28-3.5

- Input 100 to 240V AC
- Outputs - 27.6V DC 3.5A
- Separate current limited battery charger output
- Green Mains and DC OK LED / relays



PATRIOT 12V DC ADJUSTABLE 4A WALL MOUNTED POWER SUPPLY

W-DC12-4A

- Input 230V AC Output 12V DC Adj 11V DC -13.8V DC @ 4A
- Houses 1 x 12V 7Ah / 1 x 12V 9Ah battery (not included)
- 9 x 1A Fused Outputs & 0.5A Battery Charger
- AC fail and low battery alarm relays



POWERBOX 27.6V DC 5A SWITCHMODE POWER SUPPLY

PB256-2405CML

- Input 190 to 265V AC
- Outputs - 27.6V DC 4A & 1A (Charger)
- Low battery cutoff, AC fail and low battery alarm relays



POWERBOX 27.6V DC 11A SWITCHMODE POWER SUPPLY

PB251A-24CM

- Input 100 to 240V AC
- Outputs - 27.6V DC 9A & 2A (Charger)
- Low battery cutoff, AC fail and low battery alarm relays



Wall Mount Power Supplies with Power Distribution Modules (PDM)



PATRIOT 24V AC 8A WALL MOUNTED POWER SUPPLY

W-AC24-8A

- Input 230V AC Output 24V AC @ 8A
- 16 x 1A Fused Outputs



PATRIOT 24V AC 16A WALL MOUNTED POWER SUPPLY

W-AC24-16A

- Input 230V AC Output 24V AC @ 16A
- 32 x 1A Fused Outputs



PATRIOT 12V DC ADJUSTABLE 4A WALL MOUNTED POWER SUPPLY

W-DC12-4A

- Input 230V AC Output 12V DC Adj 11V AC -13.8V DC @ 4A
- Houses 1 x 12V 7Ah / 1 x 12V 9Ah battery (not included)
- 9 x 1A Fused Outputs & 0.5A Battery Charger
- AC fail and low battery alarm relays



PATRIOT 12V DC ADJUSTABLE 8A WALL MOUNTED POWER SUPPLY

W-DC12-8A

- Input 230V AC Output 12V DC Adj 11V DC -13.8V DC @ 8A
- Houses 1 x 12V 7Ah / 1 x 12V 9Ah battery (not included)
- 16 x 1A Fused Outputs & 0.5A Battery Charger
- AC fail and low battery alarm relays



PATRIOT 12V DC ADJUSTABLE 12A WALL MOUNTED POWER SUPPLY

W-DC12-12A

- Input 230V AC Output 12V DC Adj 11V DC -13.8V DC @ 12A
- Houses 1 x 12V 7Ah / 1 x 12V 9Ah battery (not included)
- 16 x 1A Fused Outputs & 0.5A Battery Charger
- AC fail and low battery alarm relays



PATRIOT 13.5V DC ADJ 24A WALL MOUNTED POWER SUPPLIES

W-DC12-24A

- Input 230V AC Output 12V DC Adj 11V DC -13.8V DC @ 24A
- Houses 1 x 12V 7Ah / 1 x 12V 9Ah battery (not included)
- 32 x 1A Fused Outputs & 1A Battery Charger
- AC fail and low battery alarm relays



PATRIOT 13.5V DC WALL MOUNT PS INCL PATFUSE & BATTERY

WB-DC12-24A-P

- Input 230V AC Output 13.8V DC Adj 11V DC -13.8V DC @ 8A
- Includes 1 x 12V 9Ah internal battery
- 8 x 2A self healing PTC Outputs & 1A Battery Charger
- AC fail and low battery alarm relays



PATRIOT 24V DC ADJ 4A WALL MOUNTED POWER SUPPLIES

W-DC24-4A

- Input 230V AC Output 24V DC Adj 22V DC -27.6V DC @ 4A
- Houses 2 x 12V 7Ah / 2 x 12V 9Ah battery (not included)
- 9 x 1A Fused Outputs
- AC fail and low battery alarm relays



PATRIOT 24V DC ADJ 6.3A WALL MOUNTED POWER SUPPLIES

W-DC24-6.3A

- Input 230V AC Output 24V DC Adj 22V DC -27.6V DC @ 6.3A
- Houses 2 x 12V 7Ah / 2 x 12V 9Ah battery (not included)
- 16 x 1A Fused Outputs
- AC fail and low battery alarm relays



Batteries



POWERSONIC AGM FIRE AND SECURITY 12V 12AH BATTERY

PS-1212

- 12 Volts 12Ah (C20)
- VRLA / SLA AGM suitable for standby applications
- ActivFire CSIRO approval
- Comply with UN2800 Special Provision A67



POWERSONIC AGM FIRE AND SECURITY 12V 5AH BATTERY

PS-1250

- 12 Volts 5Ah (C20)
- VRLA / SLA AGM suitable for standby applications
- ActivFire CSIRO approval
- Comply with UN2800 Special Provision A67



ZEAL AGM FIRE AND SECURITY 12V 7AH BATTERY

SA12V7

- 12 Volts 7Ah (C20)
- VRLA / SLA AGM suitable for standby applications
- ActivFire CSIRO approval
- Comply with UN2800 Special Provision A67



POWERSONIC AGM FIRE AND SECURITY 12V 7AH BATTERY

PS-1270

- 12 Volts 7Ah (C20)
- VRLA / SLA AGM suitable for standby applications
- ActivFire CSIRO approval
- Comply with UN2800 Special Provision A67



POWERSONIC AGM FIRE AND SECURITY 12V 9AH BATTERY

PS1290

- 12 Volts 9Ah (C20)
- VRLA / SLA AGM suitable for standby applications
- ActivFire CSIRO approval
- Comply with UN2800 Special Provision A67



POWERSONIC AGM FIRE AND SECURITY 12V 18AH BATTERY

PS12180NB

- 12 Volts 18Ah (C20)
- VRLA / SLA AGM suitable for standby applications
- ActivFire CSIRO approval
- Comply with UN2800 Special Provision A67



POWERSONIC AGM FIRE AND SECURITY 12V 55AH BATTERY

PS-12550

- 12 Volts 55Ah (C20)
- VRLA / SLA AGM suitable for standby applications
- ActivFire CSIRO approval
- Comply with UN2800 Special Provision A67



POWERSONIC AGM FIRE AND SECURITY 12V 75AH BATTERY

PG12V75T

- 12 Volts 75Ah (C20)
- VRLA / SLA AGM suitable for standby applications
- ActivFire CSIRO approval
- Comply with UN2800 Special Provision A67

Uninterruptible Power Supply (UPS)



EATON 3S 600VA / 360W STANDBY POWERBOARD UPS, USB PORT 2YR

3S600AU

- Compact Power Board UPS
- 6x Australian outlets for easy connection of typical computer configurations with peripherals
- Keeps Equipment operating during power cut and provides protection against damaging surges
- Easy-to-replace battery helps to extend the UPS service life



Uninterruptible Power Supply (UPS) (Cont.)



EATON 5E UPS 850VA/480W 2 X ANZ OUTLETS, NO FAN, TOWER 2YR 5E850IUSB-AU

- Ideal for small office and home space
- Affordable protection for your personal computer and peripherals
- 5E batteries are permanently recharged even when off and UPS can start without mains (cold-start)
- Automatic Voltage Regulation (AVR) enables UPS to perform while under and over voltage



EATON 5S 1200VA/750W LINE INTERACTIVE UPS LCD USB CABLE TWR 2YR 5S1200AU

- Ideal for small business servers, NAS, network equipment, ATMs, ticket machines and kiosks
- Small footprint for easy integration within small spaces
- USB port for automatic HID identification on Windows®, Mac® and Linux®
- Pure sinewave output for sensitive equipment



EATON 5P 1150VA / 770W 1U RACKMOUNT UPS WITH LCD 3YR 5P1150IR

- Premium protection for servers, network equipment and storage.
- Provides high quality output signal for any sensitive equipment
- Fully remotely manageable with optional, cyber-secured network card
- Provides up to 98% efficiency, reducing cooling and utility costs



EATON 5PX GEN 2 2200VA/2200W LINE INTERACTIVE 2U RACK/TOWER UPS 3YR 5PX2200IRT2UAUG2

- Advanced protection for servers, switches, routers and storage devices
- With unity power factor output (W=VA), UPS provides 11% more power than other UPS in its class
- ABM® battery management technology extends lifetime by up to 50%
- Up to 4 external hot-swappable battery modules for longer power availability



EATON 9SX 700VA/630W ON LINE TOWER UPS, 240V 2YR 9SX700I-AU

- Ideal for medical, light industrial, automation and mission critical IT applications
- Robust double-conversion, online power protection
- ABM® battery management technology provides advanced notice before batteries fail
- Network Modbus, Relay and signal input functionality



EATON 9PX LITHIUM ION UPS 2000VA/1800W RACK/TOWER 10A INPUT 5YR 9PX2000IRTAU-L

- Lithium-ion battery for longer life (8-10 years)
- For mission-critical equipment for constant power conditioning
- Long backup time with up to 4 optional EBM cabinets
- 5-year full warranty



EATON MINI SLOT GIGABIT NETWORK CARD SNMP/WEB ADAPTOR 1YR NETWORK-M2

- Eaton's latest UPS network management card
- Provides warnings of pending issues to admins
- "Secure by design" (meets the stringent UL 2900-2-2 security standard)
- Compatible with 5SC Rack, 5SX, 5P, 5PX, 9E, 9SX Tower and 9PX UPS



DAHUA 600VA/360W LINE-INTERACTIVE UPS DH-PFM350-360

- Wide input voltage range: AC81~145V or AC140~290V,
- Boost and buck AVR for voltage stabilization
- Off-mode charging, cold start function and full protection
- Compact size 279mmx101mmx142mm(10.98"x3.98"x5.59")



DAHUA 1500VA/900W LINE-INTERACTIVE UPS DH-PFM350-900

- Wide input voltage range: AC81~145V or AC140~290V,
- Boost and buck AVR for voltage stabilization
- Off-mode charging, cold start function and full protection
- Compact size 320mmx130mmx182mm(15.6"x5.12"x7.17")



Comms Racks



CERTECH 12RU 600MM DEEP SWING FRAME CABINET

NCSWG12600

- Height: 650mm
- Width: 600mm
- Depth: 600mm
- Includes 2 x Fans, 1 x Shelf, 1 x 6 Outlet PDU, 10 x Cage Nuts



CERTECH 6RU 550MM DEEP SWING FRAME CABINET

NCSWG6550

- Height: 366mm
- Width: 600mm
- Depth: 550mm
- 2 x Fans, 1 x Shelf, 10 x Cage Nuts



CERTECH 22RU 600 W X 600 D PREMIER SERIES SERVER RACK

NSR226X6

- Mounting Rail Depth (As Set): 400mm
- Front Glass Door
- Perforated Rear Split Doors
- 4 x Fans, 1 x Shelf, 25 x Cage Nuts, 1 x Horizontal 6 Outlet PDU, 4 x Castor Wheels and Levelling Feet



CERTECH 1RU 19" 24 PORT UNLOADED PATCH PANEL

PP24UK

- ROHS Compliant
- REACH Compliant
- Keystone jacks (sold separately)
- Suitable for CERTECH Keystone jacks



CERTECH S109943 1RU BRUSH CABLE MANAGEMENT BAR 1YR

NRABBP1RU

- 1RU Brushed Cable Management Bar
- Keep Your Cables Tidy Whilst Maintaining a Dust-Free Environment
- Suitable for international standard 19" mounting rails



CERTECH 3 PIECE M6 CAGE NUT BLACK 100PC PACK

NRACAGE100B

- 3 Piece M6 Cage Nut, Black 100pc Pack

DAS TRAINING

DICKER | **DAS**
D A T A
ACCESS AND SURVEILLANCE

Our team of technical training experts have years of experience offering technical training courses designed to up-skill you to meet all industry standards. With newly-developed hybrid courses now available, along with updated facilitated face-to-face courses, we are offering more training than ever before across all of our key brands.

There are many benefits to taking a Whether you're looking to learn new skills in Access Control, Intrusion Alarms, or Surveillance products – or just want to hone your expertise in certain products or solutions – DAS Training can help.

We also offer end-user, operational, and customised technical training on an ad hoc basis, tailored to meet your specific needs.

Technical Certification Courses

There are many benefits to taking a technical certification course through DAS:

- Train to industry standard levels
- Gain hands-on experience with hardware
- Raise any questions you have, and the DAS technical team will source an answer
- Some job sites require DAS technical certification to work on them

End User, Operational, & Custom Training

If you have a specific training need – for example, you are installing a system and your end user needs to know how to use it – DAS is here to help. We will discuss your desired outcomes, and then tailor a personalised training session to your needs.

Our custom sessions may include specially-created training materials. They are targeted to supply training for your specific end users, without requiring complete technical knowledge of the entire installation on their part.

Gain Hands-On Experience

Unlike other virtual or self-paced training options, DAS technical certification courses contain practical exercises with hardware supplied for each individual.

When you train with DAS, we will loan you a hands-on training kit for the duration of your course. You can also choose to purchase your training kit, which includes hardware you can re-purpose or sell on to your end users after your course is completed.

Hybrid Training Environments

Our trainers deliver sessions from one training room, which is connected via video conferencing systems to all of our training rooms in branches across the nation. This allows you to attend in person at the DAS branch nearest you – or to dial in from your own home or office.

If you are attending your training session in person, all full-day training sessions at DAS branches include lunch.

If you are not attending in person, you can pick up any relevant hands-on training kits from your local branch before your session.

GET STARTED TODAY!

Begin your up-skilling journey by creating your individual account on the DAS Training portal.

With your account you can browse our course library, register for upcoming courses, and maintain your personal training records for easy future reference.

KNOW MORE BY GOING TO DAS TRAINING TODAY >


DASTRAINING.DICKERDATA.COM.AU



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Optex Sensors Quick Select Tables

	SKU	Range	DUAL BEAMS	QUAD BEAMS	Select Freq x 4	STACK	Alarm Memory	Battery	BEAM POWER SELECT	Double Mod	A.T.P.C I.A.S.C
AX-70TN	8401	20m	✓								
BX-100PLUS	8212		✓								
AX-100TF	8442	30m	✓		✓	✓	✓				
AX-100TFR	8645		✓		✓	✓		✓			
AX-130TN	8407	40m	✓								
AX-200TN	8413		✓								
AX-200TF	8447		✓		✓	✓	✓				
AX-200TFR	8646		✓		✓	✓		✓			
SL-200QN	8808	60m		✓							
SL-200QDP	8811			✓	✓	✓	✓		✓	✓	
SL-200QDM	8814			✓	✓	✓	✓		✓	✓	✓
AX-350DH	8338		✓			✓					
SL-350QN	8809			✓							
SL-350QNR	8807	100m		✓				✓			
SL-350QFR	8806			✓	✓	✓		✓			
SL-350QDP	8812			✓	✓	✓	✓		✓	✓	
SL-350QDM	8815			✓	✓	✓	✓		✓	✓	✓
AX-650DH	8339		✓			✓					
SL-650QN	8810	200m		✓							
SL-650QDP	8813			✓	✓	✓	✓		✓	✓	
SL-650QDM	8816			✓	✓	✓	✓		✓	✓	✓

A.T.P.C - Automatic transmit power control adjusts beam power decreasing false or missed alarms due to fog, frost, cross talk and signal saturation.

BEAM POWER manual selection countermeasure against crosstalk, interference or application where distance is shorter than rated distance.


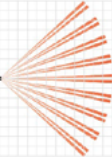
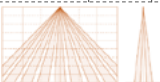
Double Modulation - enhances signal discrimination offering high reliability under severe outdoor environments.

I.A.S.C.- Integrated alignment status communication to assist in optimising transmitter and receiver alignment.

QUAD Beams reduce false alarms caused by birds, falling leaves etc.



Optex Sensors Indoor Table

OPTEX INDOORS	PRONTO	COVERAGE		DUAL TECH	PET	ANTI MASK	BATT	OUT DOOR	BRACKET	Mounting Height	
AP-360B	50502	6 m								2.5 m	4.5 m
FX-360	8113	12 m								2.4 m	3.6 m
SX-360Z	8063	18 m								2.4 m	5.0 m
JX-12W	8773	12 m			✓				-	2.0 m	5.0 m
FLX-S-ST	50439	12 m			✓				50456	2.0 m	3.0 m
FLX-S-ST-BKT	50441	12 m							Included	2.0 m	3.0 m
FLX-S-DT	50442	12 m		✓	✓				50456	2.0 m	3.0 m
FLX-S-DT-BKT	50444	12 m		✓	✓				Included	2.0 m	3.0 m
FMX-ST	50004	15 m							8723	2.2 m	3.0 m
FMX-DT	50005	15 m		✓					8723	2.2 m	3.0 m
FLX-A-AM	50448	15 m				✓			50456 / 50466	2.0 m	3.0 m
FLX-A-DAM	50465	15 m		✓		✓			50456 / 50466	2.0 m	3.0 m
CX-702	8171	21 m							8720 / 8719	1.5 m	3.6 m
AP-20NB	50504	6 m								2.5 m	4.5 m
FTN-ST	8697	5 m	12°		✓			✓		0.8 m	1.2 m
FTN-R	8699			✓			✓	✓		0.8 m	1.2 m

Optex Sensors Outdoor Table

OPTEX OUTDOORS	PRONTO	COVERAGE		DUAL TECH	PET	ANTI MASK	BATT	BRACKET	Mounting Height	
LX-402	8086	12 m	120°		✓			-	1.2 m	2.5 m
VXI-ST	8850	12m	85°		✓			8899	0.8 m	1.2 m
VXI-R	8852				✓		✓	8899	0.8 m	1.2 m
VXI-DAM-XS	8854			✓	✓	✓		8899	0.8 m	1.2 m
HX-40	8579				✓			-	2.5 m	3.0 m
HX-40RAM	8618				✓	✓	✓	-	2.5 m	3.0 m
HX-40DAM	8585			✓	✓	✓		-	2.5 m	3.0 m
HX-40AM	8593	24 m	5°		✓			-	2.5 m	3.0 m
HX-80N	8703				✓			-	2.5 m	3.0 m
HX-80NAM	8705				✓	✓		-	2.5 m	3.0 m
HX-80NRAM	8706				✓	✓	✓	-	2.5 m	3.0 m
LX-802N	8090	24 m	5°		✓			8720	1.2 m	2.5 m
WXI-ST	50272	12 m	180°		✓			-	0.8 m	1.2 m
WXI-AM	50273				✓	✓		-	0.8 m	1.2 m
BXS-ST	50244	24m 2 x 12m	180°		✓			50183	0.8 m	1.2 m
BXS-AM	50245				✓	✓		50183	0.8 m	1.2 m
BXS-RAM	50251				✓	✓	✓	50183	0.8 m	1.2 m

Challenger 10 / ChallengerPlus Programming Sheet

Challenger10 / ChallengerPlus LAN 1 Numbering (LAN 2 P.T.O)

dickerddata.com.au/das

Technical Support:

1800 327 457

DAS.TechSupport@dickerddata.com.au

Support Portal:

dassupport.dickerddata.com.au

Master code reset:

Panel must be powered up

Install link on TST 1

Press [Menu]

Remove link from TST 1

Press Enter

Comms reset:

Installer Menu 14 (Defaults)

2 - Clear History

999 - CPU restart

* Note: Doors 1-16 & 65-80 RAS's directly

connected to Challenger LAN 1 or 2

D/Switch	RAS	D/Switch	DGP	Inputs	Relays	Doors
0 0 0 0	1	1 0 0 0	1	17 - 48	17 - 32	17 - 20
1 0 0 0	2	0 1 0 0	2	49 - 80	33 - 48	21 - 24
0 1 0 0	3	1 1 0 0	3	81 - 112	49 - 64	25 - 28
1 1 0 0	4	0 0 1 0	4	113 - 144	65 - 80	29 - 32
0 0 1 0	5	1 0 1 0	5	145 - 176	81 - 96	33 - 36
1 0 1 0	6	0 1 1 0	6	177 - 208	97 - 112	37 - 40
0 1 1 0	7	1 1 1 0	7	209 - 240	113 - 128	41 - 44
1 1 1 0	8	0 0 0 1	8	241 - 272	129 - 144	45 - 48
0 0 0 1	9	1 0 0 1	9	273 - 304	145 - 160	49 - 52
1 0 0 1	10	1 1 0 1	10	305 - 336	161 - 176	53 - 56
1 1 0 1	11	1 1 0 1	11	337 - 368	177 - 192	57 - 60
1 1 0 1	12	0 0 1 1	12	369 - 400	193 - 208	61 - 64
0 0 1 1	13	1 0 1 1	13	401 - 432	209 - 224	
1 0 1 1	14	0 1 1 1	14	433 - 464	225 - 240	
0 1 1 1	15	1 1 1 1	15	465 - 496	241 - 256	
1 1 1 1	16	0 0 0 0	Chall	1 - 16	1 - 16	

110822

Challenger10 / ChallengerPlus LAN 2 Numbering (LAN 1 P.T.O)

dickerddata.com.au/das

ChallengerPlus UltraSync programming

CTPlus programming:

UltraSync options:

> Enable UltraSync

> Enable Ethernet path

> Select path to use

> Enable radio path (4G only)

> Select path to use

> Passcode

> 8 digits (All 0's = Disabled)

Panel Serial number:

> Panel Programming

> Panels

> Communication tab

[Serial number] - note

App: TecomPlus (IOS and Android)

> + to Add site

> Challenger serial # obtained from panel

> Passcode obtained from panel

> User code to connect with

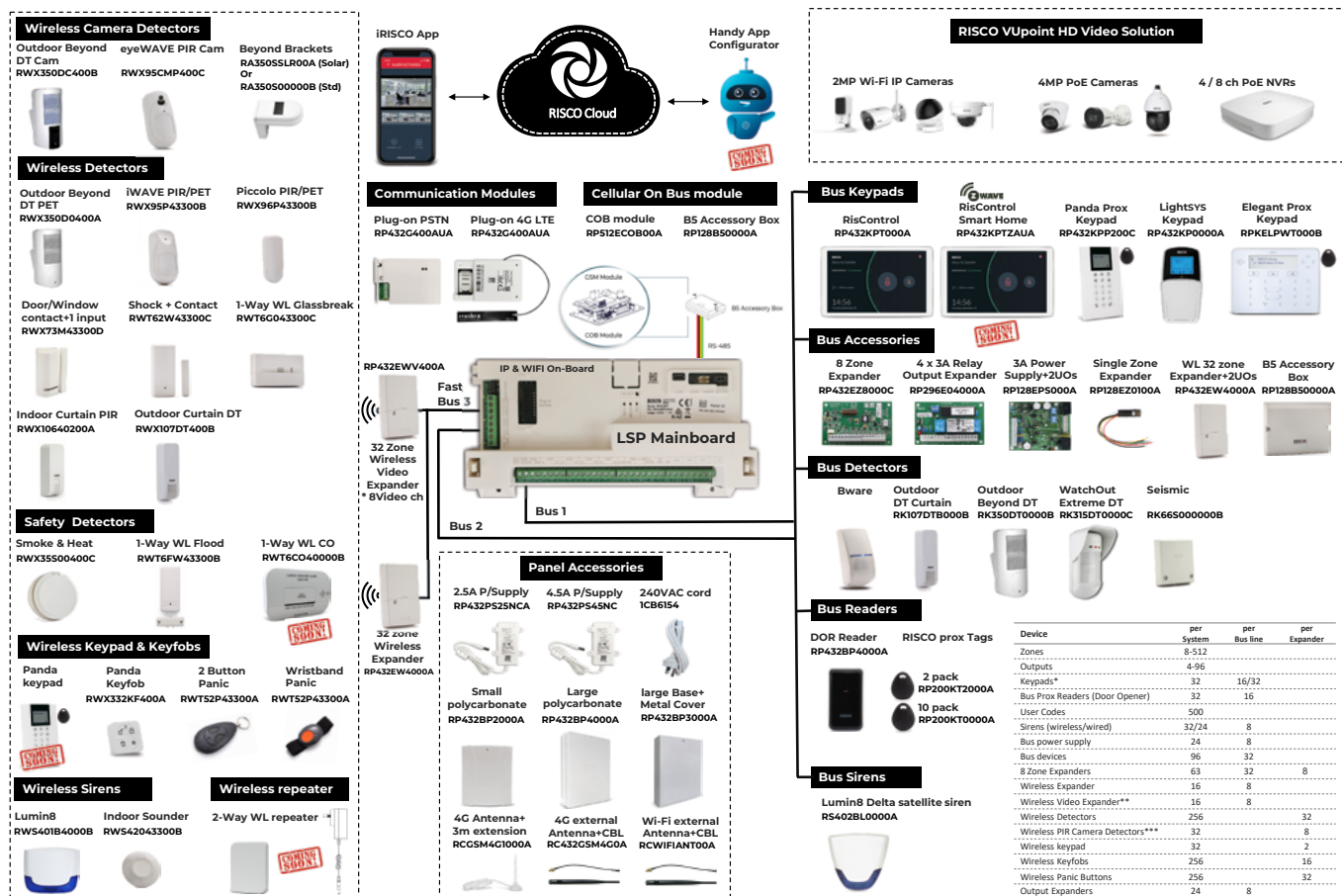
> PIN of User above

D/Switch	RAS	D/Switch	DGP	Inputs	Relays	Doors
0 0 0 0	65	1 0 0 0	17	497 - 528	257 - 272	81 - 84
1 0 0 0	66	0 1 0 0	18	529 - 560	273 - 288	85 - 88
0 1 0 0	67	1 1 0 0	19	561 - 592	289 - 304	89 - 92
1 1 0 0	68	0 0 1 0	20	593 - 624	305 - 320	93 - 96
0 0 1 0	69	1 0 1 0	21	625 - 656	321 - 336	97 - 100
1 0 1 0	70	0 1 1 0	22	657 - 688	337 - 352	101 - 104
0 1 1 0	71	1 1 1 0	23	689 - 720	353 - 368	105 - 108
1 1 1 0	72	0 0 0 1	24	721 - 752	369 - 384	109 - 112
0 0 0 1	73	1 0 0 1	25	753 - 784	385 - 400	113 - 116
1 0 0 1	74	1 1 0 1	26	785 - 816	401 - 416	117 - 120
1 1 0 1	75	1 1 0 1	27	817 - 848	417 - 432	121 - 124
1 1 0 1	76	0 0 1 1	28	849 - 880	433 - 448	125 - 128
0 0 1 1	77	1 0 1 1	29	881 - 912	449 - 464	
1 0 1 1	78	0 1 1 1	30	913 - 944	465 - 480	
0 1 1 1	79	1 1 1 1	31	945 - 976	481 - 496	
1 1 1 1	80	0 0 0 0	32	977 - 1008	497 - 512	

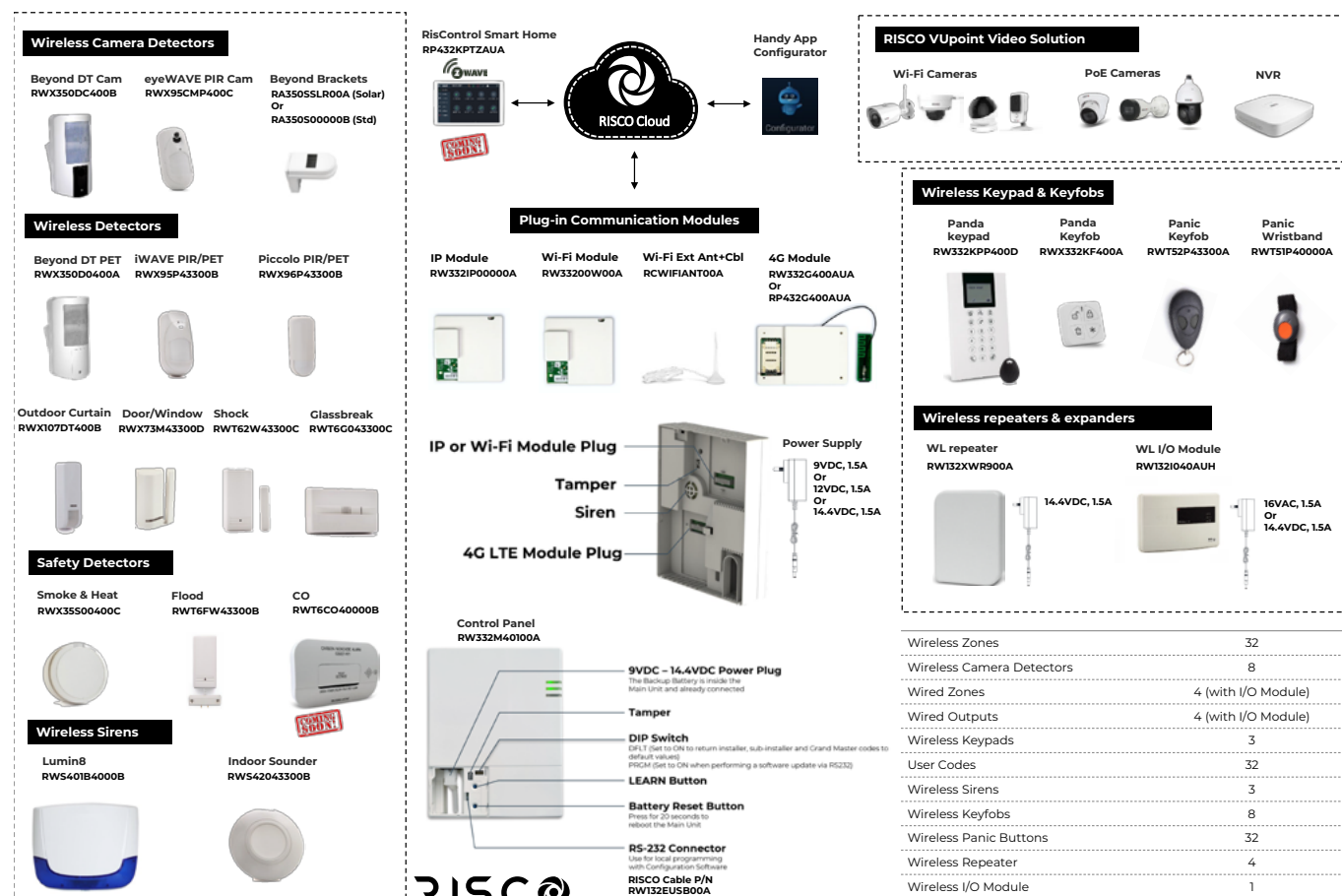
RISCO LightSYS+ System Architecture

RISCO

LightSYS Plus, Alarm + Access control + Video, System Architecture A/NZ Ver4.1



RISCO Wicomm Pro System Architecture





DAHUA SUPPORT HOTLINE

02 9000 1995

7 DAYS 9 AM - 5 PM (AEST)*








Dahua has upgraded their Partner Support Hotline to 7 days a week.
Call our complimentary support line and our team members will help you.






If you are a Dahua product end-user, please contact your installation contractor.
For additional equipment related questions email sales.oc@dahuatech.com

*Closed public holidays

2023 Dahua Cameras Product Line Up



















































Industry & Project	Special Series	<ul style="list-style-type: none">Wide viewFall detection4G transmissionTeacher & student trackingPinhole camera		HDW8341-3D Fall detection HDBW8841-ZRL-LB-S2	EBW8X/SX Fisheye	PSDW8X Series Multi sensor HUM8X41 Series Pinhole camera	MFW7442K1 Dual-channel Camera	HCBW8442 Corner Camera		
	Wizmind 7 Series	<ul style="list-style-type: none">AI: Face Recognition/Video Metadata/ ANPR /Privacy Protection/ Accurate flow statistics /Body detection/ PPE...			7442-Z4-S2 7442-Z-S2				7842-Z4-S2 71242-Z-S2	7842-Z-S2
	Wizmind 5 Series	<ul style="list-style-type: none">AI: Face Detection/ People Counting/ Perimeter ProtectionEPOE: 800mAnti-Corrosion model		5241-ZE-S3 5241-S-S3	5442-ZE-S3 5442-S-S3	5541-ZE-S3 5541-S-S3			5842-ZHE-S3 5842-SE-S3	
				Release time: 2023-02		Release time: 2023-02			Release time: 2023-02	
SMB	Wizsense 3 Series	<ul style="list-style-type: none">AI: SMD+ / Perimeter ProtectionFull color (-LED/NI) & Active Deterrence (-PV)			3466-ZAS-S2 3466-AS-S2			3666-ZAS-S2 3666-AS-S2	3866-ZAS-S2 3866-AS-S2 3849-ANZ 3849-Z-S3	3888-ANZ Release time: 2023-03
	Lite Series	<ul style="list-style-type: none">Starlight/ 120DB WDRAudio & Alarm / 256GB SD slot / Metal case/ IK10Full Color(-LED)			2441D-4G Solar Camera	2531			2831	
Series Key Feature Appearance 2MP 4MP 5MP 6MP 8MP										

2023 Dahua NVRs Product Line Up

Industry & Project			KEY PRODI				
Industry & Project	Ultra 7 Series	<ul style="list-style-type: none">Max 24@1080P decoding512/384/128Mbpsmax 192ch FR/256 Perimeter /192 metadata					<div>IVSS7008C-1I/2I</div> <div>IVSS7016-4M/8M</div> <div>IVSS7024-8M/16M</div>
	Ultra 6 Series	<ul style="list-style-type: none">32@1080P / 8@4K decoding1024/1024/1024 Mbps4ch FR,24 Perimeter Protection,32 SMD,8ch MetadataN+M, isici, redundant power					<div>NVR608H-32-AI/ANZ</div> <div>NVR608RH-32-AI/ANZ</div> <div>NVR608H-64-AI/ANZ</div> <div>NVR608RH-64-AI/ANZ</div> <div>NVR608H-128-AI/ANZ</div> <div>NVR608RH-64-AI/ANZ</div> <div>Release time: 2023-02</div> <div>NVR5432-AI/ANZ</div> <div>NVR5432-(16P)-AI/ANZ</div> <div>NVR5464-AI/ANZ</div> <div>NVR5864-R-AI/ANZ</div> <div>NVR5864-R-(16P)-AI/ANZ</div> <div>Release time: 2023-02</div>
	Pro 5 Series	<ul style="list-style-type: none">32@1080P / 8CH@4K decoding Normal: 384/384/384Mbps, AI model: 320 /320 /320MbpsAI model: 4ch FR/4ch metadata/ 16 ch perimeter;Support fisheye dewarping, people counting/heatmap camera/thermal camera/POS				<div>NVR5416- 16P- AI/ANZ</div> <div>NVR5424- 24P- AI/ANZ</div> <div>NVR5424- 24P- AI/ANZ</div> <div>Release time: 2023-02</div>	
SMB	4-AI/ANZ Series	<ul style="list-style-type: none">16@1080P / 4@4K decoding256/256/256Mbps1ch FR/1chPerimeter/4ch SMD+		<div>NVR4104HS-P-AI/ANZ</div>	<div>NVR4108HS-8P-AI/ANZ</div> <div>NVR4208-8P-AI/ANZ</div>	<div>NVR4216-16P- AI/ANZ</div>	
	Lite 4 Series	<ul style="list-style-type: none">8@1080P / 4@4MP decoding160/160/64Mbps		<div>NVR4104HS-P-4KS2/L</div>	<div>NVR4108HS-8P-4KS2/L</div>	<div>NVR4216- 16P- 4KS2/L</div>	
Series		Key Feature	4 CH	8 CH	16 CH/24CH	32 CH及以上	




Inovonics Pendant Table

	EN1223S	EN1223D	EN1233S	EN1235S	EN1235SF	EN1233D	EN1235D	EN1238D	EN1236D	EN1235DF
										
MAX NUMBER OF ACTIVATED ALARM CONDITIONS #1	1	1	1	1	1	1	1	1 2	1 2 3	1
 Plastic Necklace				ACC603P			ACC603P	ACC603P	ACC603P	
 Metal Necklace	ACC603M	ACC603M	ACC603M	ACC603M		ACC603M	ACC603M	ACC603M	ACC603M	
 BELT CLIP			ACC605-BK10			ACC605-BK10				
 FIXED										
 TAMPER										
 WATER RESISTANT	 IP54	 IP54								
 SUPERVISED										

Notes

#1 All pendants are able to send a 1 alarm condition, excl. the EN1238 that has 2 separate alarm conditions & the EN1236D that is able to send 3 separate alarm conditions.

#2 Compatible with EN4204R, EN4216MR, EN4232MR & EN5040 Receivers.

#3  Indicates included. ACC60X are optional accessories.

rayTEC Vario2 Table



	Infrared Lens V" x H" / max distance					White Light Lens V" x H" / max distance					Input Options	Power	IR LED QTY	Wavelength	WHITE LIGHT LED QTY	WL Power Output	Weight	Dimensions
	10" x 10" incl	35" x 10" incl	60" x 25" incl	80" x 30" * Opt	120" x 50" * Opt	10" x 10" incl	35" x 10" incl	60" x 25" incl	80" x 30" * Opt	120" x 50" * Opt								
INFRARED																		
VAR2-I16-1	500	250	135	105	65						24V AC/DC	100W	48	850nm			3.1kg	180 x 277 x 75mm
VAR2-I8-1	350	165	95	70	45						12-24V AC/DC	46W	24	850nm			1.65kg	135 x 180 x 68.2mm
VAR2-I6-1	200	120	70	50	30						12-24V AC/DC	25W	12	850nm			950g	100 x 135 x 66mm
VAR2-I4-1	144	78	54	36	24						12-24V AC/DC	13W	9	850nm			950g	100 x 135 x 66mm
VAR2-I4-1-C	144	78	54	36	24						12-24V AC/DC	25W	12	940nm			950g	100 x 135 x 66mm
VAR2-I8-3	606	285	164	121	80						12-24V AC/DC	138W	72	850nm			6kg	423 x 226 x 68mm
VAR2-I2-2	120	78	54	36	26						12-24V AC/DC	20W	12	850nm			1.5kg	159 x 144 x 63mm
VAR2-POE-I6-1	200	120	70	50	30						POE+	25W	12	850nm			950g	100 x 135 x 66mm
VAR2-POE-I4-1	144	78	54	36	24						POE+	15W	9	850nm			950g	100 x 135 x 66mm
VAR2-POE-I2-1	62	42	26	18	14						POE	8W	3	850nm			950g	75 x 100 x 64mm
VAR2-IPPOE-I4-1-C	144	78	54	36	24						24V DC / POE+	50W	12	940nm			950g	100 x 135 x 66mm
VAR2-IPPOE-I4-1	144	78	54	36	24						24V DC / POE+	15W	9	850nm			950g	100 x 135 x 66mm
WHITE LIGHT																		
VAR2-W16-1						250	125	70	48	35	24V AC/DC	84W			48	7453lm	3.1kg	180 x 277 x 75mm
VAR2-POE-W8-1						180	95	50	35	25	POE++	47W			24	3727lm	1.65kg	135 x 180 x 68.2mm
VAR2-POE-W2-1						42	28	18	14	8	POE	9W			3	466lm	600g	75 x 100 x 64mm
VAR2-IPPOE-W4-1						110	65	35	25	18	24V DC / POE+	25W			12	1863lm	950g	100 x 135 x 66mm
HYBRID																		
VAR2-HY16-1	450	225	122	95	59	195	95	55	38	28	24V DC	78W	24	850nm	24	5692lm	3.1kg	180 x 277 x 75mm
VAR2-HY8-1	290	150	86	63	41	144	76	40	30	20	24V DC	40W	12	850nm	12	2981lm	1.65kg	135 x 180 x 68.2mm
VAR2-HY4-1	130	70	49	32	22	70	42	22	16	12	24V DC	13W	6	850nm	3	745lm	950g	100 x 135 x 66mm
VAR2-IPPOE-HY8-1	290	150	86	63	41	144	76	40	30	20	24V DC / POE++	43W	12	850nm	12	2981lm	1.65kg	135 x 180 x 68.2mm
VAR2-IPPOE-HY4-1	130	70	49	32	22	70	42	22	16	12	24V DC / POE+	15W	6	850nm	3	745lm	950g	100 x 135 x 66mm



SIGMA Lite IP65 IK08 **BIOMETRIC FINGERPRINT**

293678615	BIO	500 *1	LED					
293673665	BIO & PROX	500 *1	LED			Y		
293678628	BIO & ICLASS	500 *1	LED				Y	
293678636	MULTI BIO & MD+NFC	500 *1	LED	Y	Y			

SIGMA Lite + IP65 **BIOMETRIC FINGERPRINT**

293678678	BIO & PROX	500 *1	2.8" TOUCHSCREEN			Y		
293673644	BIO & ICLASS	500 *1	2.8" TOUCHSCREEN				Y	
293678660	MULTI BIO & MDPI+NFC	500 *1	2.8" TOUCHSCREEN	Y	Y	Y	Y	

SIGMA Extreme IP65 IK09 **BIOMETRIC FINGERPRINT**

293701737	MULTI BIO & MDPI +NFC	5k *2	5" TOUCHSCREEN		Y			
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MorphoWave™ SP IP65 **CONTACTLESS 3D HAND SCANNER**

293777400	MD+NFC	10k	LED	Y	Y			
293777380	MDPI+NFC	10k	LED	Y	Y	Y	Y	
293777421	MDPI-M+NFC	10k	LED	Y	Y	Y	Y	Y

MorphoWave™ XP IP65 **CONTACTLESS 3D HAND SCANNER**

293722301	MD+NFC	100k	4.3" TOUCHSCREEN	Y	Y			
293722319	MDPI+NFC	100k	4.3" TOUCHSCREEN	Y	Y	Y	Y	
293771247	MDPI-M+NFC	100k	4.3" TOUCHSCREEN	Y	Y	Y	Y	Y

VisionPass IP65 **FACIAL SCANNER**

293744571	MD	20k *3	7" TOUCHSCREEN		Y			
293744604	MDPI	20k *3	7" TOUCHSCREEN		Y	Y	Y	
293767954	MDPI-M	20k *3	7" TOUCHSCREEN		Y	Y	Y	Y

Additional Users *1 3k/10k, *2 10k/50k/100k *3 40k/100k
Datasheets must be used to verify suitability to application





HID Signo Readers

Application: HID Signo is the signature line of physical access control readers from HID Global®. The versatility, performance and connected capabilities of HID Signo Readers set a new industry benchmark for the most highly adaptable, interoperable and secure approach to electronic access control.

Technologies Supported: Wide variety of contactless low and high frequency credentials, plus HID Mobile Access® Mobile IDs via NFC and/or Bluetooth Smart.

Follow the steps below to determine a standard configuration HID Signo Reader part number. Alternatively, use the interactive online [HID Product Configurator](#) to customize a reader to your specific needs.



1. Select hardware option (select one model)



☐ **20** - Designed for applications requiring a narrow card reader.



☐ **20K** - Designed for applications requiring a narrow reader with 2 x 6 capacitive keypad.



☐ **40** - Designed for applications requiring switch mounting.



☐ **40K** - Designed for applications requiring wall switch mounting with 3 x 4 capacitive keypad.

Wiring Connection (select one option)

- ☐ **N** - Pigtail
☐ **T** - Terminal Strip

Body Color

- ☒ **K** - Black

Trim/Mounting Plate Color

- ☒ **S** - Silver

A black trim/mounting plate is available as an accessory item at an additional cost. Please see accessories list below.

2. Select credential profile (select one option)

	Communication Type	NFC/ BLE	High Frequency												Low Frequency		
	Credentials Technologies Supported	Seos® (Mobile IDs via NFC/BLE)	Seos	iCLASS SE®	iCLASS SR	iCLASS®	MIFARE DESFire EV1 / EV2/EV3 (SIO)	MIFARE Classic (SIO)	MIFARE DESFire EV1 / EV2/EV3 (CSN)	MIFARE Classic (CSN)	MIFARE DESFire EV1 / EV2/EV3 (Custom Data)	MIFARE Classic (Custom Data)	FeliCa Idm	CEPAS (CAN or UID)	125kHz HID Proximity™	125kHz Indala® Proximity	125kHz EM4102 Proximity
Existing Options	<input type="checkbox"/> 00 - Standard Profile	●	●	●	●	●	●	●	●	●	—	—	—	—	●	●	●
	<input type="checkbox"/> 01 - Seos Profile	●	●	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	<input type="checkbox"/> 02 - Smart Profile	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—
	<input type="checkbox"/> 03 - Custom Profile	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
New Options	<input type="checkbox"/> T0 - Priority Standard Profile	●	●	●	●	●	●	●	●	●	—	—	—	—	—	—	—
	<input type="checkbox"/> T1 - Priority Seos Profile	●	●	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	<input type="checkbox"/> T2 - Priority Smart Profile	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—
	<input type="checkbox"/> T3 - Priority Custom Profile	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—

● Supported

— Not supported



Reference guide for ordering HID Signo readers (pg 2/3)



HID® Signo™
How to Order Guide

3. Select configuration option

Credential Profile	Default Reader Configuration	Flexible Default Reader Configuration*		
		Key Input only (ICE or MOB)	Key (ICE or MOB) + Indala Format Input	Indala Format Input only
Standard	000000	001TCX	001UX8	001UX4
Seos	000000	001UXB	–	–
Smart	000000	001UXD	–	–
Custom	000000	–	–	–

*Flexible Default Reader Configuration options offer the same reader settings as the Default Reader Configuration, however they also allow for HID Elite keys (ICE), Mobile keys (MOB) and/or Indala formats to be provided at the time of order. This provides the option for HID Partners to reduce the number of HID Signo part numbers they need to support. A new configuration ID with this information preloaded will also be made available on the reader and documentation to simplify repeat ordering.

- Idle LED color is RED, flash GREEN on card read
- Tamper enabled
- Keypad 4-bit burst, Keypad backlight RED (keypad readers only)
- Visual Impaired Mode enabled
- Velocity Check disabled and Intelligent Power Management mode disabled
- Wiegand door controller communication

For any other configuration, including non-standard credential configurations, please use the interactive online [HID Product Configurator](#). An example of a “non-standard” credential configuration would be where you would like to order a Standard Profile HID Signo Reader with Indala and CSN credential read capability disabled.

Note: No changes to reader configuration IDs are required when opting for the new counterpart priority credential profile. For example, if you are using “001TCX” with a Seos (01) profile reader, you can continue using the same configuration ID with a Priority Seos Profile (T1) reader.

4. Enter the numbers/letters from the selections above into the following table

Assemble your selections from Step 1 to 3.

	Reader Model	Wiring Connection	Body Color	Trim Color		Credential Profile		Configuration Option
Example	20	T	K	S	–	00	–	000000
Final Part Number			K	S	–		–	000000

5. Place an order

To place an order for HID Signo readers, authorized channel partners may submit a purchase order to HID Global Customer Service at <https://www.hidglobal.com/customer-service>

HID Signo Common and Popular orderable Part Numbers

HID Signo part numbers below provide full compatibility with the associated iCLASS SE / multiCLASS SE readers. Seos and smart profiles provide focused credential compatibility, please refer to the original reader configuration to determine the appropriate profile.

iCLASS SE / multiCLASS SE Part Number	Compatible HID Signo Reader Part Number (pigtail)	iCLASS SE / multiCLASS SE Part Number	Compatible HID Signo Reader Part Number (terminal strip)
900NTNNEK00000 (R10) 900PTNNEK00000 (RP10) 910NTNNEK00000 (R15) 910PTNNEK00000 (RP15)	Signo 20 20NKS-00-000000	900NTNTEK00000 (R10) 900PTNTEK00000 (RP10) 910NTNTEK00000 (R15) 910PTNTEK00000 (RP15)	Signo 20 20TKS-00-000000
920NTNNEK00000 (R40) 920PTNNEK00000 (RP40)	Signo 40 40NKS-00-000000	920NTNTEK00000 (R40) 920PTNTEK00000 (RP40)	Signo 40 40TKS-00-000000
921NTNNEK00000 (RK40) 921PTNNEK00000 (RPK40)	Signo 40 Keypad 40KNKS-00-000000	921NTNTEK00000 (RK40) 921PTNTEK00000 (RPK40)	Signo 40 Keypad 40KTKS-00-000000
921NTNNEK00000 (RK40) 921PTNNEK00000 (RPK40)	Signo 20 Keypad 20KNKS-00-000000	921NTNTEK00000 (RK40) 921PTNTEK00000 (RPK40)	Signo 20 Keypad 20KTKS-00-000000
Note: HID Signo 20K reader is mullion mount with 2 x 6 keypad		Note: HID Signo 20K reader is mullion mount with 2 x 6 keypad	



Reference guide for ordering HID Signo readers (pg 3/3)



HID® Signo™
How to Order Guide

HID Signo Accessories and Credentials

Need accessories or compatible credentials? HID Signo readers support (depending on configuration) the following credentials:

- Mobile IDs
- iCLASS Seos
- iCLASS SE
- iCLASS
- HID Prox™
- Indala Proximity
- MIFARE DESFire EV1
- MIFARE Classic

Wall Spacers		Part Number
	Signo 20/20K Reader 0.5 Inch Spacer, Black	20-K-05
	Signo 20/20K Reader 0.5 Inch Spacer, Silver	20-S-05
	Signo 20/20K Reader 1 Inch Spacer, Black	20-K-10
	Signo 20/20K Reader 1 Inch Spacer, Silver	20-S-10
	Signo 40/40K Reader 0.5 Inch Spacer, Black	40-K-05
	Signo 40/40K Reader 0.5 Inch Spacer, Silver	40-S-05
	Signo 40/40K Reader 1 Inch Spacer, Black	40-K-10
	Signo 40/40K Reader 1 Inch Spacer, Silver	40-S-10

0.5 Inches = 1.27 cm

1 Inch = 2.54 cm

Mounting Plate/Trim Color		Part Number
	Signo 20 Reader Mounting Plate, Black	20-K-MP
	Signo 20 Reader Mounting Plate, Silver	20-S-MP
	Signo 20K Reader Mounting Plate, Black	20KT-K-MP
	Signo 20K Reader Mounting Plate, Silver	20KT-S-MP
	Signo 40 Reader Mounting Plate, Black	40-K-MP
	Signo 40 Reader Mounting Plate, Silver	40-S-MP
	Signo 40K Reader Mounting Plate, Black	40KT-K-MP
	Signo 40K Reader Mounting Plate, Silver	40KT-S-MP

HID Signo Reader Configuration

HID Signo Readers are designed to be configured using the HID Reader Manager application, a tool that provides powerful configuration and upgrade capabilities through a convenient smart phone application

The App Store (Apple devices)

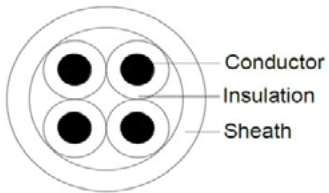

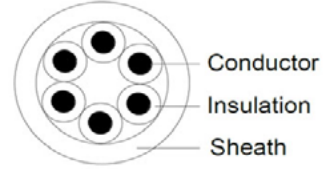
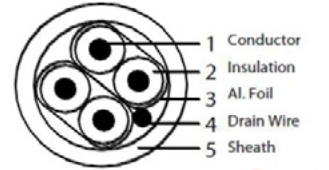
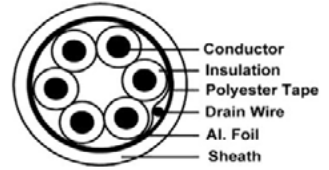


Google Play (Android devices)





DAS Cable Selection Table

SERIES	IMAGE	STOCK CODE	DESCRIPTION
4 CORE 100M		MC144WH100W	4C-14020 GARLAND WORK WHITE SEC CABLE 100M SPOOL
		BCS3060-100	4C-14020 RADUM WHITE SEC CABLE 100M SPOOL
		SEC14204-100WHE	4C-14020 ELECTRA WHITE SEC CABLE 100M SPOOL
		MC144WH100	4C-14020 GARLAND PRO WHITE SEC CABLE 100M SPOOL
		Y4241WHI	4C-14020 DATAMASTER WHITE SEC CABLE 100M SPOOL
4 CORE 300M		MC144WH300BW	4C-14020 GARLAND WORK WHITE SEC CABLE 300M PULL BOX
		BCS3060-300	4C-14020 RADUM WHITE SEC CABLE 300M PULL BOX
		CS414-300	4C-14020 CABLE SOURCE GREY SEC CABLE 300M PULL BOX
		BCS3065-300	4C-14020 RADUM GREY SEC CABLE 300M PULL BOX
		SEC14204-300WHE	4C-14020 ELECTRA WHITE SEC CABLE 300M PULL BOX
		MC144WH300B	4C-14020 GARLAND PRO WHITE SEC CABLE 300M PULL BOX
		Y4244WHI	4C-14020 DATAMASTER WHITE SEC CABLE 305M PULL BOX
		Y4244GRY	4C-14020 DATAMASTER GREY SEC CABLE 305M BOX
6 CORE 100M		BCS5060-100	6C-14020 RADUM WHITE SEC CABLE 100M SPOOL
MC146WH100W		6C-14020 GARLAND WORK WHITE SEC CABLE 100M SPOOL	
SEC14206-100WHE		6C-14020 ELECTRA WHITE SEC CABLE 100M SPOOL	
MC146WH100		6C-14020 GARLAND PRO WHITE SEC CABLE 100M SPOOL	
6 CORE >250M		BCS5060-300B	6C-14020 RADUM WHITE SEC CABLE 300M PULL BOX
	MC146WH250BW	6C-14020 GARLAND WORK WHITE SEC CABLE 250M PULL BOX	
	SEC14206-300WHE	6C-14020 ELECTRA WHITE SEC CABLE 300M PULL BOX	
	MC146WH250B	6C-14020 GARLAND PRO WHITE SEC CABLE 250M PULL BOX	
	Y4264WHI	6C-14020 DATAMASTER WHITE SEC CABLE 305M PULL BOX	
LAN 100M		BCP27025-100	LAN-8723 RADUM 2 PAIR 7/025 LNDI SCREEN DATA CABLE 100M DRUM
LAN 300M		Y8408100	DATAMASTER LAN-8723 CABLE 100M -25YRS
		MCP2ISGY300BW	LAN-8723 GARLAND WORK 2 PAIR 7/025 LNDI SCREEN GREY CABLE 300M
		Y8408300	DATAMASTER LAN-8723 CABLE 300M ROLL -25YRS
		BCP27025-300	LAN-8723 RADUM 2 PAIR 7/025 LNDI SCREEN CABLE 300M SPOOL
WIEGAND 100M		MC76S100W	6C-WIEGAND GARLAND WORK WHITE SEC CABLE 100M SPOOL
WIEGAND >=250M		BCC1110-100	6C-WIEGAND RADUM SCREENED 100M SEC CABLE DRUM
		EAS7206-100	6C-WIEGAND ELECTRA BLACK SEC CABLE 100M SPOOL
		MC76S100	6C-WIEGAND GARLAND PRO WHITE SEC CABLE 100M SPOOL
		Y4269	6C-WIEGAND DATAMASTER SCREENED SEC CABLE 100M
		MC76S300BW	6C-WIEGAND GARLAND WORK SEC CABLE 300M PULL BOX
		BCC1110-250	6C-WIEGAND RADUM SCREENED SEC CABLE 250M DRUM-12M
		EAS7206-250	6C-WIEGAND ELECTRA BLACK SEC CABLE 250M SPOOL
		MC76S300B	6C-WIEGAND GARLAND PRO SEC CABLE 300M PULL BOX

KEYWORD SEARCH

4 Core Security : 4C-14020

6 Core Security : 6C-14020

LAN : LAN-8723

Wiegand : 6C-WIEGAND

Challenger Version 8 to Challenger 10 Migration

This document covers the Migration from a Challenger Version 8 panel to a Challenger10 panel with the same functions as the existing Version 8. It does not cover any additional equipment which may be added to the Challenger10 to enhance the installation.

Please read this document fully before attempting a Version 8 to Challenger10 migration to make sure you are fully aware of all steps which if are not fully followed could make the migration falter and may result in the site being without security until rectified.

Note: If the end goal is to migrate to a ChallengerPlus, you will need to first migrate to a Challenger10 and then upgrade to a ChallengerPlus.

Prior to migrating a Version 8 to a Challenger10, things to consider:

1. Users:

The number of users currently programmed in the Version 8 will determine the requirements for the Challenger10. The following table list some things that need to be considered:

Source Version 8	Destination Challenger10
2000 or less (Using Nil or 1Meg Ram) Panel not set in IUM Format	Nothing required
2000 or less (Using Nil or 1Meg Ram) Panel set in 'soft' IUM Format	Nothing required
More than 2000 users (1Meg Ram) Panel not set in soft IUM Format, using site code / card number	Challenger10 1 x TS1084-Memory Expansion Module All Door and Lift Controllers on the system Must fit IUM to increase user capacity above 2000, either: TS0884 - 8 Meg IUM up to 65,535 users
Users from 2000 to 17,873 with 4 Meg IUM (TS0883) fitted to Version 8 panel and all Door and Lift Controllers	Challenger10 1 x TS1084-Memory Expansion Module All connected Door and Lift Controllers would have existing IUM's installed 4 Meg IUM (TS0883) up to 17,873 users (End of sale)
Users from 2000 to 65,535 with 8 Meg IUM (TS0884) fitted to Version 8 panel and all Intelligent Controllers	Challenger10 1 x TS1084-Memory Expansion Module All connected Door and Lift Controllers would have existing IUM's installed 8 Meg IUM (TS0884) up to 65,535 users

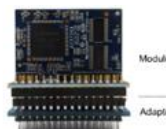
TS1084 – Memory Expansion Module



TS0883 – 4Meg IUM (End of sale)



TS0884 – 8Meg IUM



Reverse side

Challenger Version 8 to Challenger 10 Migration - Page 2

2. Software

If the customer is running any management software onsite (Forcefield, Titan, Security Commander, TecomC4) the software version and licences will have to be confirmed for connection to the Challenger10 firmware being loaded.

Refer to the Tecom Compatibility Matrix document:

<https://www.firesecurityproducts.com.au/article/193/tecom-portfolio-compatibility-matrix>

3. Device Hardware:

Before migrating a Challenger V8 panel to Challenger10 hardware there are a number of items to confirm or upgrade:

a) Challenger10 firmware:

- Identify the firmware version in the Challenger10 panel, in order to avoid a mismatch of features (this would prevent connection to Titan).
 - Challenger V8 and Challenger10 firmware (prior to V10-06) use text words.
 - Challenger10 firmware V10-06 (and later) uses text descriptions

Note: If you do not know what firmware version has been installed in your Challenger10 hardware then it is recommended to identify the firmware version number.

(using a RAS check the Challenger version number; navigate to **Install menu 11-Version.**)

It is recommended to upgrade to a Challenger10 firmware V10-06-xxxx

b) Device Hardware firmware: (Refer Tecom Compatibility Matrix document)

- Door or Lift Controller:- Confirm firmware of all connected Intelligent Door and Lift Controllers is Challenger10 compatible.
(i.e. digits to the left of the decimal place must be a 110613 or greater).

Firmware eprom is located RHS of the PCB and is the top of the three sockets

NOTE: It is recommended that the firmware be upgrade to the most current version (refer to DAS/Aritech for current firmware version)

- TS0098-IP LAN adaptor: requires firmware version 3893 or greater
- TS0896- RS485 to Fibre interface: requires firmware version 2050-003 or greater

Migration process

The following is a typical upgrade process via Titan. The overall process to upgrade a Challenger V8 panel to Challenger10 is in two parts:

Part 1: Software Conversion (Convert the Challenger record in Titan)

Part 2: Hardware Installation (Install new hardware and establish a connection to Titan)

Part 1: Software conversion

Convert the Challenger record in Titan

1. Confirm or Upgrade Titan software to the latest version

Note: If the Titan Version is prior to Version 3 refer Titan upgrade procedure:

<https://support.firesecurityproducts.com.au/hc/en-us/articles/209704373-How-to-upgrade-to-latest-Titan-version>

For latest Titan software version refer: <https://www.firesecurityproducts.com.au/downloads>

2. Connect Titan to the Challenger V8 panel and make it the active system.
3. Upload the Challenger V8 database to Titan
4. Deactivate the system.
5. Navigate to **Admin > Challenger > Options > IUM Format**
Select the type of card protocol being used on the Challenger panel



Challenger Version 8 to Challenger 10 Migration - Page 3

6. Backup the Titan system, it is recommended to export the system using the Export function in System Manager and store in a safe location.
Note: Once the Titan system is converted to a Challenger10 it cannot be reverted back to a Version 8 database
7. Clone (Copy) the Challenger Version 8 system on Titan where the upgrade is to be done.
8. Choose either the original system or the 'Cloned' system to migrate to a Challenger10 and confirm it is saved and loaded into Titan software
9. Record any Site codes and their Offsets if present
([Challenger > System options > System options > System options part 3 Tab](#))
10. Remove Offsets from the system and save
11. If there were 2 site codes entered, manual identification will be required as to which blocks of users had which site codes (This will be trial and error)

Note: Keep records of the following if the Challenger V8 panel has:

- Site codes and any applied offsets
 - IP connections to management software, IP Receiver etc. record the IP addresses and configuration details for reuse later. ([Challenger > IP V8 Configuration](#))
 - Dialler connection to a monitoring Company. record the details and configuration details for reuse later ([Challenger > Communications > V8 Communications](#))
12. [Select Admin > Challenger](#) the 'Type' will display Challenger V8 panel (this is the panel to be migrated).
 13. Click the 'Type' arrow and select "Challenger10" ("Challenger10" has firmware V10-06 or greater).
Note: It is not recommended to migrate to a **pre** V10-06 Challenger10.
 14. click Save.
 15. Click Yes when asked if you want to continue.
 16. Click Yes when informed that the text words will now be migrated

17. V8 input numbering

- If **Yes** selected – The Challenger10 will take on V8 numbering, DGP's will only have 16 inputs per DGP and the numbering will stay as V8 numbering allowing 256 inputs on LAN 1 and 256 inputs on LAN 2 (512 inputs in total)
(e.g. the first input (33) on DGP 2 when on a V8, when migrated will stay as input 33, and only 16 inputs will be allowed on each DGP)
- If **NO** selected – The Challenger10 will take on Challenger10 numbering, DGP's will now have 32 inputs per DGP, allowing the expansion of LAN 1 inputs to 496 and LAN 2 inputs to 512 giving the whole Challenger10 system a maximum of 1008.
(e.g. the first input (33) on DGP 2 when migrated will migrate to input 49, now allowing 32 inputs per DGP. Inputs 33-48 now reside on DGP 1)

Note: When finished, the Type field will have the Challenger10 type selected (either "Challenger10" or "Challenger10 (pre V10-06)")

The system now cannot be reverted back to a Challenger V8 database

If the migration was successful, a message displays:

"Successfully migrated." When panel is first set online, Titan will ask you to synchronise the panel with Titan installer database. Note that you need to download users separately. Note that the V8 default alarm groups from 4 to 6 (if used) and alternate user categories (if used) will need to be migrated to V10 manually". Alarm group number 4, 5, and 6 are not applicable to Challenger10.

If the migration was not successful, a message displays:

"Error encountered in the migration. Please restore your backup using System Manager" using the export system.



Challenger Version 8 to Challenger 10 Migration - Page 4

Part 2: Hardware installation

Install hardware and connect to Titan

1. Power down the Challenger V8 panel, remove all terminations.
2. Replace the V8 PCB with a Challenger10 PCB and reconnect all terminations.
Note: cabling terminations connect in the same location as on the V8 PCB).
3. Apply power to the Challenger10 panel.
Note: A new (or defaulted) Challenger10 panel is armed, disarm all Areas.
4. It is suggested to carry out a full default to confirm the Challenger10 panel is at 'Factory default'
5. Connect the Challenger10 panel to Titan via USB cable (most direct method)
6. In Titan make the system active (see Connecting to a Challenger10 panel for details).

Depending on how the Challenger10 panel is connected to Titan, at least one of the ten communications paths has already been programmed. Communication Paths 1 (CID Dialler), 2 (USB Installer), and 3 (Management Software) are preconfigured, and path 2 is enabled by default. Configure these and other communications paths as needed.

Note: When the first converted panel is online, Titan displays the message:

"Titan has detected that one or more Challenger10 panels has not been synchronised after migration. It is strongly recommended that the panels are synchronised to ensure that the programming in Titan matches the programming in the panel. Do you wish to proceed with panel synchronisation?"

1. Select Yes to synchronise.

Titan first uploads the communications of the converted panel and then downloads the configuration (except users) from Titan to the Challenger10 panel.

NOTE: When migrating from a non IUM V8 panel (using site code/card number) check in the management software settings to confirm if there are any user offsets in the Challenger panel also in every Door and Lift Controller on the system, If there is remove them.

Panel:

[Challenger > System options > System options > System Options Part 3 Tab > 'Offset A', 'Offset B'](#)

Door/Lift controller:

[Challenger > Intelligent Access Controller > Controllers > Controller 'Offset A', 'Offset B'](#)

2. Carryout a full 'Download' of Titan programming into the Challenger10 panel
[File > Download to Challenger\(s\) > Installer and Users \(Full Download\)](#)
3. Apply site codes (and any offsets) to the blocks of users identified earlier in this process using Update Raw card data function.
[Users > Update raw card data](#)
4. If the Challenger V8 was communicating via dialler to monitoring Company and/or Ethernet to Management Software, edit the '**Communication Devices**' and '**Communication Paths**' with the information gathered in earlier steps.
[Challenger > Communications > Comms Devices](#)
[Challenger > Communications > Comms Paths](#)
Defaults: [Path 1 = Dialler](#)
[Path 3 = Management Software](#)
5. Test Challenger10 functions and monitoring

Disclaimer: Information in this document has been written to assist technical persons on the nominated product listed, however such information is subject to change over time without notice and is at the users sole risk. Whilst DAS endeavours to provide true and correct information at the time of creating, DAS makes no representations or warrants and excludes all liability in connection with the information and its use.



Field Notes Bulletin



TECHNICAL SUPPORT

Challenger firmware upgrade

- Challenger10 to ChallengerPlus
- ChallengerPlus to Challenger10

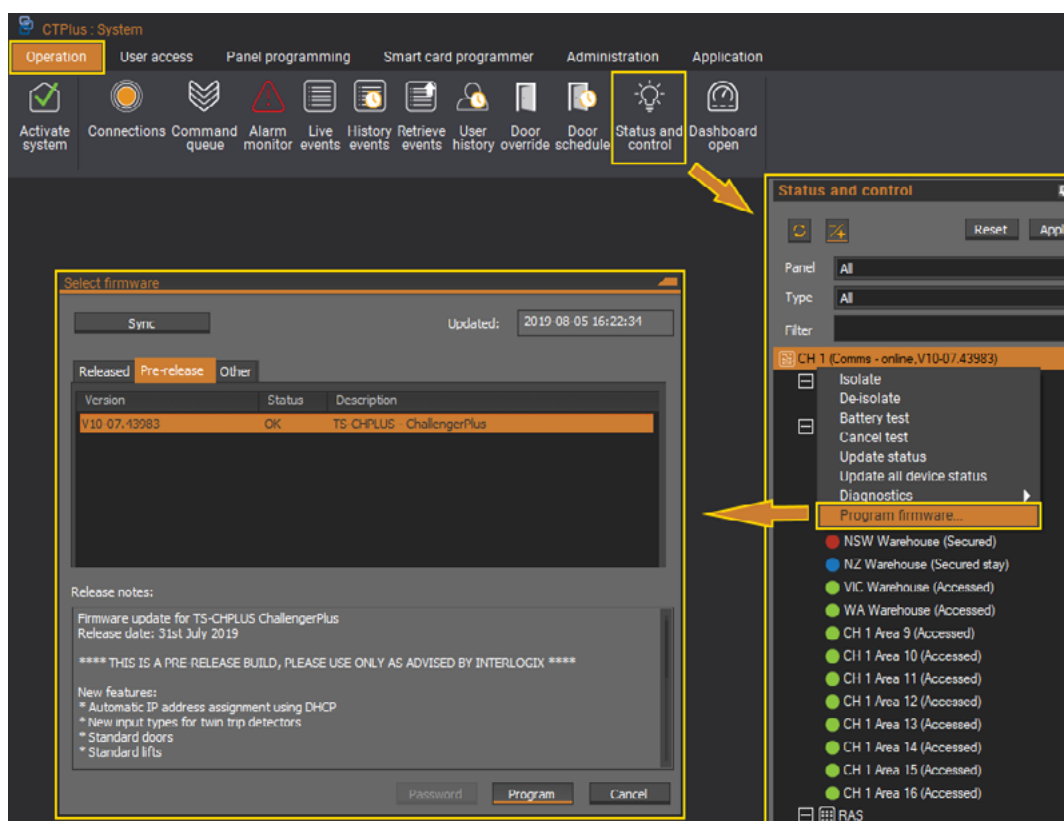
IMPORTANT NOTICE: Upgrading from Challenger10 to ChallengerPlus will delete all users and all history events stored in the panel. Please ensure these are backed up in software before proceeding.

Challenger10 firmware upgrade

When CTPlus is connected to a Challenger10 panel you can use the Program Firmware form to sync and upgrade to the latest firmware available (released, pre-released and other versions). Please note beta versions are password protected.

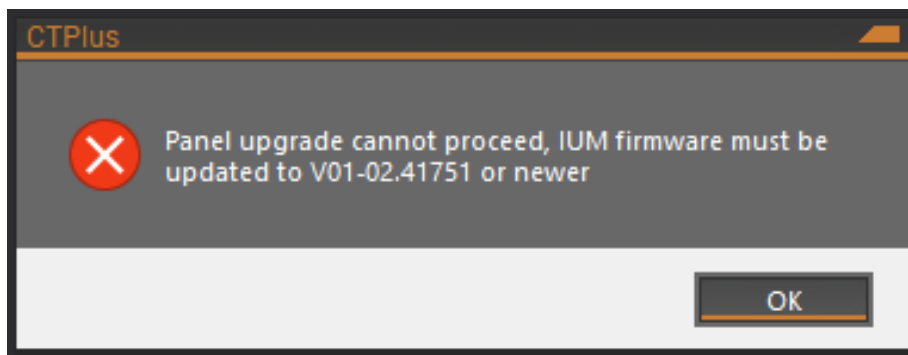
Firmware upgrade steps

1. Connect the Challenger Panel to CTPlus and activate the system.
2. Go to Operation -> Connections, right click on your panel, and select 'Retrieve all programming'. Once complete, move on to the next step.
3. Go to Operation-> Status and Control, right click on the Challenger Panel (that needs the firmware upgrade) and click on Program Firmware.
4. Press the Sync button, this will sync all the released, pre-release and beta versions from the cloud and store them in CTPlus.
5. Select the firmware file (e.g. v10-07.44243) and click Program.
6. The firmware will only be sent to the device if it is currently online.

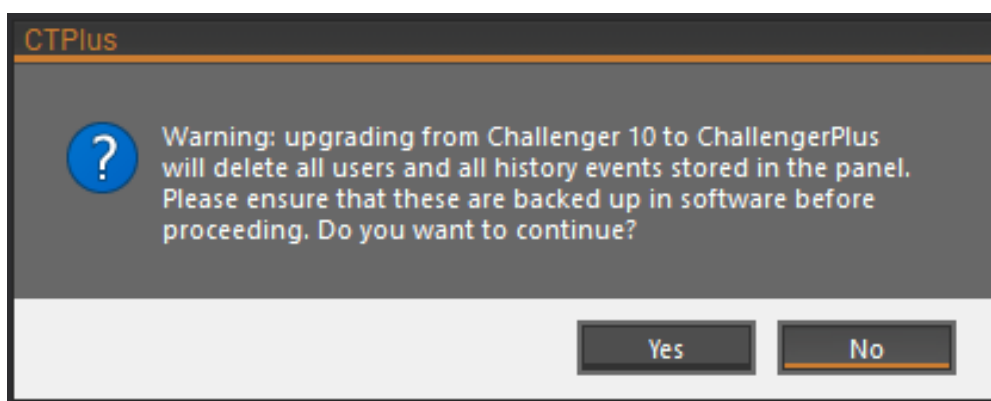


Pre-upgrade checks

1. If CTPlus is online and connected to the Challenger panel, it will check the firmware on the IUM Memory Module to ensure it is compatible with ChallengerPlus. If a firmware update is required, CTPlus will prompt you to update that first.



2. If the IUM is up to date or the Challenger10 does not have one fitted, CTPlus will skip this check and continue with the upgrade process. The final step, which involves informing you of any other actions that should be considered prior to upgrading, must be read and acknowledged. This is the last chance you will have to abort the upgrade process in the event that you still have unfinished tasks to complete prior to the upgrade to ChallengerPlus.
3. If you are ready and wish to proceed, you must select 'Yes' at this confirmation message. Clicking 'No' will abort the upgrade.



Upgrading Challenger10 to ChallengerPlus

1. Click on the 'Yes' button to send the firmware to the device and start the upgrade.

Live events (paused)			
<div>Resume</div> <div>Retrieve events</div>			
Event no	Local date / time	Device date / time	Event description
415	05/08/2019 17:21:48		Panel 1 CH 1 Panel - firmware upgrade initiate: Upgrade from V10-06,19251 to V10-07,43983
416	05/08/2019 17:21:49		CH 1 Panel - send firmware - progress 1%
417	05/08/2019 17:21:50		CH 1 Panel - send firmware - progress 2%
418	05/08/2019 17:21:51		CH 1 Panel - send firmware - progress 3%
419	05/08/2019 17:21:51		CH 1 Panel - send firmware - progress 4%
420	05/08/2019 17:21:52		CH 1 Panel - send firmware - progress 5%
421	05/08/2019 17:21:53		CH 1 Panel - send firmware - progress 6%
422	05/08/2019 17:21:54		CH 1 Panel - send firmware - progress 7%
423	05/08/2019 17:21:54		CH 1 Panel - send firmware - progress 8%
424	05/08/2019 17:21:55		CH 1 Panel - send firmware - progress 9%
425	05/08/2019 17:21:56		CH 1 Panel - send firmware - progress 10%
426	05/08/2019 17:21:57		CH 1 Panel - send firmware - progress 11%
427	05/08/2019 17:21:57		CH 1 Panel - send firmware - progress 12%
428	05/08/2019 17:21:58		CH 1 Panel - send firmware - progress 13%
429	05/08/2019 17:21:59		CH 1 Panel - send firmware - progress 14%
430	05/08/2019 17:22:00		CH 1 Panel - send firmware - progress 15%
431	05/08/2019 17:22:01		CH 1 Panel - send firmware - progress 16%
432	05/08/2019 17:22:01		CH 1 Panel - send firmware - progress 17%
433	05/08/2019 17:22:02		CH 1 Panel - send firmware - progress 18%
434	05/08/2019 17:22:03		CH 1 Panel - send firmware - progress 19%
435	05/08/2019 17:22:04		CH 1 Panel - send firmware - progress 20%
436	05/08/2019 17:22:04		CH 1 Panel - send firmware - progress 21%

2. Ensure that you do not disconnect your device during the upgrade process. CTPlus will automatically disconnect and reconnect to the panel as part of the process. Once the firmware upgrade is complete, it will show as the screen below (CH+)

Connections							
<div> </div>							
Description filter: <input type="text"/> 0							
State	Connection	Command queue	Description	Acco...	Endpoint	Status	Firmware
Enabled	Online	0	CH 1	1(1)	USB		V10-07.43983(CH+)

3. Lastly, you will need to re-download your users into the ChallengerPlus panel. Right click on the panel in the connections form, and select 'Send user programming'. Once this is complete, your system is fully upgraded and ready to go.

Recommended upgrade procedure in TecomC4 software:

Please note that ChallengerPlus is only supported on TecomC4 2018 SP2 and later. Upgrade fees may apply if you are running an earlier version of TecomC4 software, please contact your local Aritech representative for more information.

The following is the recommended procedure to upgrade firmware on an existing Challenger10 Panel (running V10-06 Firmware) already configured in TecomC4 2018 SP2.

1. Update the Challenger10 TecomC4 driver to latest Gamanet released version.
2. Perform a Load configuration on the Challenger10 Panel to update the device tree.
3. Stop the Challenger10 Panel driver by right clicking the bus controller Commands ▢ Stop.
4. Perform the Firmware upgrade of the Panel from Challenger10 to ChallengerPlus using CTPlus.
5. After the firmware upgrade has successfully completed, start the existing Challenger10 Panel in TecomC4. This will automatically detect that the Panel firmware has been upgraded to ChallengerPlus.
6. Perform a 'Clear Memory and Send All Credentials' before performing any operations on the upgraded Panel.

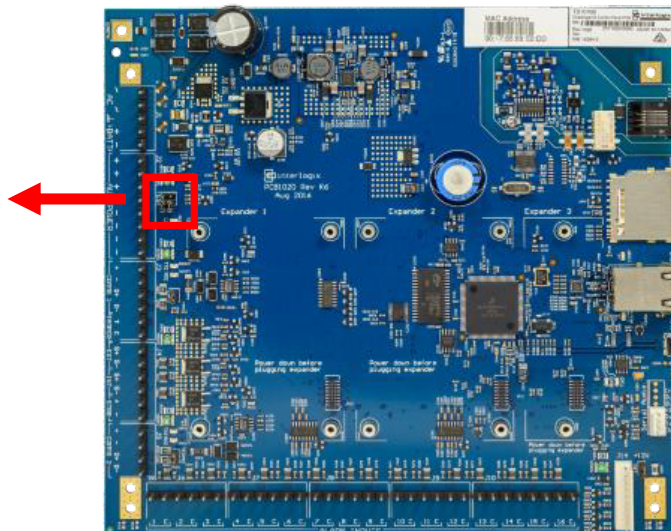
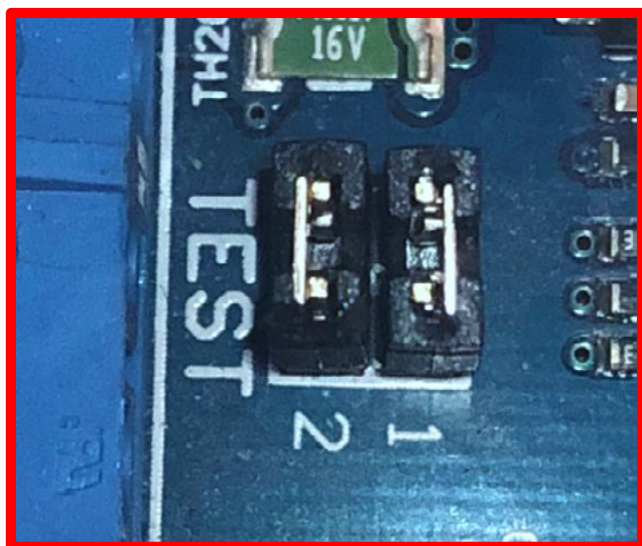
ChallengerPlus downgrade to Challenger10

In order to downgrade a ChallengerPlus panel to a Challenger10 firmware, you must use the Firmware loader utility within CTPlus. This will allow you to push V10-06.xxxxx firmware into the panel.

PLEASE NOTE THE FOLLOWING:

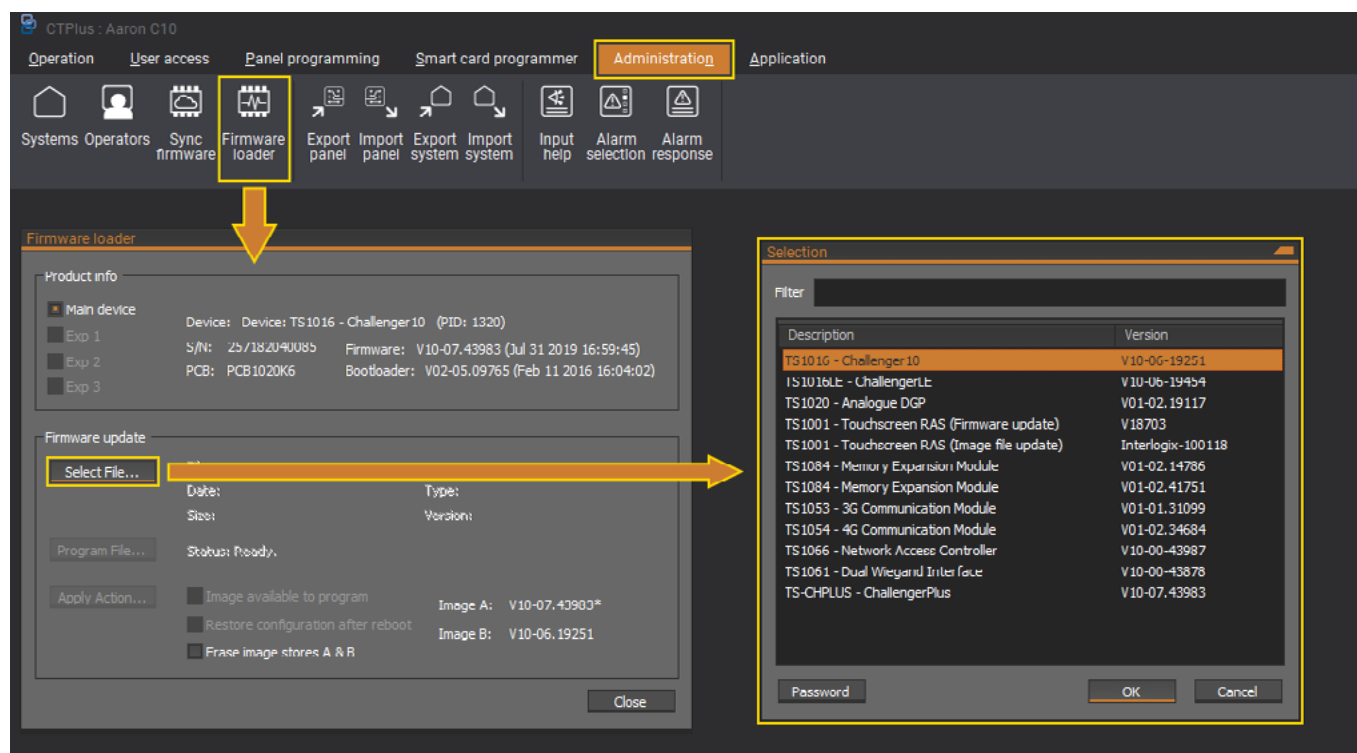
- This process can only be done whilst the Challenger is in firmware recovery mode, please ensure you follow the steps below precisely.
- Doing this will result in the Challenger panel being reset to factory defaults.

1. Power down the Challenger panel and fit links TEST 1 and TEST 2, then power the panel up.

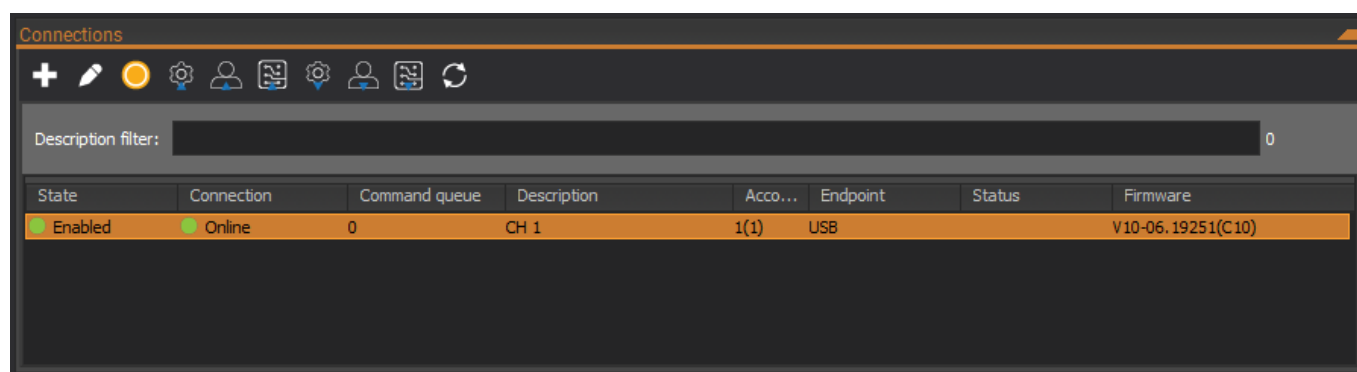


2. Connect the Challenger panel to the computer running CTPlus via USB cable.
3. Go to Administration -> Firmware loader.
4. Click on the Select File... button, and select the 10-06.19251 firmware from the Selection dialog box.
5. Click Program File... to send the firmware to the Challenger panel (this will downgrade the ChallengerPlus panel to Challenger10 and factory default the panel).

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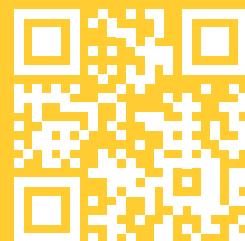


- Once the firmware has been programmed, close the Firmware loader, remove TEST 1 and TEST 2 links, then reboot the panel.
- In CTPlus, you can now add a Challenger10 panel and bring it online to confirm the firmware version.





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