

# «REGAL»

## INTRUSION



**RISCO**  
GROUP

Product Guide



COMPLETE SECURITY SOLUTIONS AT [WWW.REGALSECURITY.CO.ZA](http://WWW.REGALSECURITY.CO.ZA)





# ProSYS™ Plus System



ProSYS™ Plus is a Grade 3 integrated security system that supports a large number of zones and partitions and is designed for use by system integrators and professional installers for large commercial and high-end residential projects.



**CP180-3**  
**ProSYS™ Plus in metal housing**  
Hybrid wired/wireless alarm panel including Metal enclosure and PSU



**RCP180**  
**ProSYS™ Plus PCB - Only**  
RP512M00000A

## ProSYS™ Plus System Features

- 8 On-board Zones expandable to 512
- 32 Partitions
- 4 Groups per partition
- 48 Wired keypads
- 32 Wireless 2-Way Keypads 868MHz
- 256 Wireless zones 868MHz
- 500 User codes
- 2000 Event log
- 6 expandable to 262 Programmable outputs
- 32 Account numbers
- Reporting formats Contact ID, SIA, SIA IP, SIA + Text
- Metal housing
- Plug-in Ethernet (IP) module (\*Optional)
- Plug-in GSM 2G/3G modules (\*Optional)
- Plug-in PSTN modules (\*Optional)
- HandyAPP for manuals and installation tips
- 4 independent RS485 Bus lines
- Configuration Software connectivity
- Integrated IP cameras for live HD video verification and remote "look in" via the cloud



**RCP165-3-1**  
**ProSYS™ Plus Metal Enclosure**  
RP128B2000A

- ProSYS Plus Large Metal Box (White) - Only
- Includes wall and cover tamper switches



**RCP180-9**  
**ProSYS™ Plus Power Supply**  
1ACA0013

- ProSYS Plus PSU 4A
- 14.4VDC
- AC to DC Adaptor



RP512LZ0000A

## ProSYS Plus Single zone License

- Single zone license for ProSYS Plus for zone numbers 129 to 512
- Download the RISCO Handy App
- Licenses are Purchased through Regal



CP194  
**LightSYS Adaptor USB to PC**  
RW132EUSB00A

LightSYS™ 2 is the new generation of the successful LightSYS™ series, designed for small commercial and residential markets and renowned for its wide range of installation and communication options. LightSYS™ 2 is the only hybrid security system that offers video verification and smartphone app control as well as your choice of wired, 2-way wireless or RISCO Bus detectors.



CP220  
**LightSYS™ 2 Basic Kit**  
RM432PK0100E



RCP220  
**LightSYS™ 2 PCB - Only**  
RP432M00000E

## LightSYS™ 2 System Features

- Hybrid wired/wireless alarm panel including keypad, plastic enclosure and PSU
- 8 Fully programmable zones expandable to 50 zones (Hardwired or Wireless)
- 4 Partitions
- 4 keypads
- 30 User Codes
- 1,000 Event log
- Bus zones expansion up to 32
- 4 onboard outputs expandable to 32
- Selectable Zone Resistance
- Plug in GSM module (\*Optional)
- Plug in IP module (\*Optional)
- Onboard communicator
- Vupoint IP Cameras (optional extra)
- Smart Home Automation (optional extra)
- iRISCO user APP (optional extra)
- HandyAPP for manuals and installation tips



RCP220-1  
**LightSYS™ 2 Polycarbonate Enclosure Only**  
RP432B00000B

- LightSYS 2 Polycarbonate Enclosure



RCP220-2  
**LightSYS™ 2 Power Supply**  
RP432PS00000A

- LightSYS2 PSU 1.5A
- 14.4VDC
- AC to DC Adaptor



## Wireless DT AM Outdoor Curtain Detector

BD156-9

### 2-Way WL DT Outdoor Curtain Detector

RWX107DT800A

- Dual Technology and a narrow beam for minimum false alarms
- Flexible coverage range with adjustable four sensitivity levels
- Active IR anti-mask
- Dual Element PIR + K-Band Microwave
- Mounting Height 1.8 – 3.0 m
- Coverage up to 12m x 5°
- 90° bracket for easy installation on the left or right side of the protected area
- Frequency 868Mhz
- Battery Type: 1x CR123A
- Typical Battery life: At least 2 years
- IP65 environment rating



# RISCO VUpoint P2P Cameras



**CC251**  
**VUpoint P2P IP Cube Camera**  
RVC11W0000B



- 1.3MP IP/Wi-Fi Cube camera 3.6mm lens 10m IR 12VDC
- Indoor application with Built-in Microphone and Speaker
- Micro SD, Max. 128GB
- P2P technology allows a simple Plug & Play installation – without router configuration
- HD Video event verification and live video on demand via a smartphone app
- Cloud based cutting edge technology for both existing and new RISCO security systems
- Requires RISCO Cloud and iRISCO App



**CC253**  
**VUpoint P2P IP Dome Camera**  
RVC32W0200A



- 1.3MP IP/Wi-Fi Dome camera 3.6mm lens 30m IR 12VDC IP67
- Micro SD, Max. 128GB
- P2P technology allows a simple Plug & Play installation – without router configuration
- HD Video event verification and live video on demand via a smartphone app
- Cloud based cutting edge technology for both existing and new RISCO security systems
- Requires RISCO Cloud and iRISCO App



**CC252-1**  
**VUpoint P2P IP Bullet Camera PoE**  
RVC52P1100A



- 2MP IP/PoE Outdoor Bullet camera 3.6mm lens 40m IR 12VDC IP67, WDR
- Micro SD, Max. 128GB
- P2P technology allows a simple Plug & Play installation – without router configuration
- HD Video event verification and live video on demand via a smartphone app
- Cloud based cutting edge technology for both existing and new RISCO security systems
- Requires RISCO Cloud and iRISCO App



**CC252**  
**VUpoint P2P IP Bullet Camera**  
RVC52W0100B



- 1.3MP IP/Wi-Fi Outdoor Bullet camera 3.6mm lens 30m IR 12VDC IP67
- Micro SD, Max. 128GB
- P2P technology allows a simple Plug & Play installation – without router configuration
- HD Video event verification and live video on demand via a smartphone app
- Cloud based cutting edge technology for both existing and new RISCO security systems
- Requires RISCO Cloud and iRISCO App



**CC253-3**  
**VUpoint P2P IP PT Dome Camera**  
RVC61H0300A



- 1.3MP IP/Wi-Fi Pan Tilt Dome camera 3.6mm lens 10m IR 12VDC
- Indoor application with Built-in Microphone and Speaker
- Micro SD, Max. 128GB
- P2P technology allows a simple Plug & Play installation – without router configuration
- HD Video event verification and live video on demand via a smartphone app
- Cloud based cutting edge technology for both existing and new RISCO security systems
- Requires RISCO Cloud and iRISCO App



**CC252-2**  
**VUpoint P2P IP Bullet Camera VF PoE**  
RVC52P1300A



- 2MP IP/PoE Outdoor Bullet camera VF 2.8mm - 12mm lens 40m IR 12VDC IP67, WDR
- Micro SD, Max. 128GB
- P2P technology allows a simple Plug & Play installation – without router configuration
- HD Video event verification and live video on demand via a smartphone app
- Cloud based cutting edge technology for both existing and new RISCO security systems
- Requires RISCO Cloud and iRISCO App



**CC253-1**  
**VUpoint P2P IP Dome Camera PoE**  
RVC32P1000A



- 2MP IP/PoE Indoor/Outdoor Dome camera 3.6mm lens 30m IR 12VDC IP67, Vandal-Proof
- Micro SD, Max. 128GB
- P2P technology allows a simple Plug & Play installation – without router configuration
- HD Video event verification and live video on demand via a smartphone app
- Cloud based cutting edge technology for both existing and new RISCO security systems
- Requires RISCO Cloud and iRISCO App

ADVANCED LIVE VIDEO STREAMING  
ANYWHERE, ANYTIME





## Home Automation



NW129

### Smart Home Gateway

RH250G000EUA

- A fully integrated Z-wave Home Management system from one intuitive smartphone app
- The Smart Home can be integrated as an add-on to all RISCO systems
- Compatible with a large range of Z-Wave sensors and detectors
- Uses iRISCO App to monitor and control security, video and Z-Wave smart devices
- Users can automate their daily routine by customizing a range of life scenarios
- Requires RISCO Smart Home Licensing



CPW01

### IoTrend Z-Wave Smart Plug

IZRTSWD01

- 15.3AMP 220VAC to 240VAC / 50Hz Z-wave 3 Pin Z-Wave smart plug
- Remotely control lighting or home appliances
- Fits standard 3 Pin wall socket (South Africa SABS 164-1)
- Indoor use only



CPW03

### IoTrend Z-Wave In Wall Relay (1 Way) Switch Module

IZPHSWR01

- Z-Wave In Wall Relay (1 Way) Switch Module
- Operating voltage: 220VAC to 240VAC / 50Hz
- Maximum load: 6.6Amp @ 230VAC
- Requires installation by a qualified electrician existing and new RISCO security systems
- Requires installation by a qualified electrician



## Keypads



CP181-6

### LightSYS LCD Keypad

RP432KP0000A

- Backlit display
- Front and back tamper
- 4-Wire Bus connection
- Fire, panic and medical emergency keys
- Date, time, zone and maintenance information display
- Brightness, contrast and onboard buzzer control
- Size: 153mm x 84mm x 28mm



CP181-9

### Panda Wired LCD Keypad

RP432KP0200A

CP182-7

### Panda Wireless Keypad for LightSYS™2

RW432KP800A

- Backlit display
- Front and back tamper
- 4-Wire Bus connection
- Fire, panic and medical emergency keys
- Date, time, zone and maintenance information display
- Brightness, contrast and onboard buzzer control
- Cloud connectivity indication
- Size: 180mm x 115mm x 35mm



RPKELOB0000A



RPKELOWT000A

CP182-4 (White)

CP182-5 (Black)

### Elegant Touchscreen Keypad

- Clear touchscreen keypad
- Backlit display
- Front and back tamper
- 4-Wire Bus connection
- Control keys, function keys, numerical keys and emergency keys
- 4 Function keys for group arm or a pre-recorded series of commands
- Date, time, zone and maintenance information display
- Brightness, contrast, onboard buzzer and language control
- Size: (H x W x D) 177mm x 129mm x 24mm

## PANDA WIRELESS FOR LIGHTSYS™2

## FLEXIBLE INSTALLATION, NO STRINGS ATTACHED!







# Communication Modules



CP211

## Single-Socket IP Module

RW132IP0000A

- Plug-in IP Module enables communication over TCP/IP network.
- Used as primary communication or back up to GSM/GPRS/3G or PSTN communication
- Enables remote programming of the panel
- Common monitoring format protocols: SIA, Contact ID
- Simultaneous communication to RISCO Cloud, control room, FM and Configuration software
- Cloud redundancy when used with 2G or 3G modules
- Used for end users application; sending email alerts and system status information
- Average power consumption: 55mA
- Peak power consumption: 105mA
- Single control room environment



CP184

## Multi-Socket IP Module

RP512IP0000A

- Plug-in IP Module enables communication over a TCP/IP network
- Used as primary communication or back up to GSM/GPRS/3G or PSTN communication
- Enables remote programming of the panel
- Common monitoring format protocols: SIA, Contact ID
- Simultaneous communication to RISCO Cloud, control room, FM and Configuration software
- Cloud redundancy when used with 2G or 3G modules
- Used for end users application; sending email alerts and system status information
- Average power consumption: 55mA
- Peak power consumption: 105mA
- Multiple control room environment



CP209-1

## Plug in 2G Module - Multi Socket

RP512G20000A

- Plug in 2G GSM/GPRS module for LightSYS and ProSYS Plus
- Used as primary communication or back up to IP module or PSTN communication
- Enables remote programming of the panel
- Common monitoring format protocols: SIA, Contact ID
- Simultaneous communication to control room, FM and Configuration software
- Used for end users application; sending email alerts and system status information
- Multiple control room environment



CP209

## Plug in 2G Module

RP432G20000A

- Plug in 2G GSM/GPRS module for LightSYS and ProSYS Plus
- Used as primary communication or back up to IP module or PSTN communication
- Enables remote programming of the panel
- Common monitoring format protocols: SIA, Contact ID
- Simultaneous communication to control room, FM and Configuration software
- Used for end users application; sending email alerts and system status information
- Single control room environment



CP208-1

## Plug in 3G Module - Multi Socket

RP512G30000A

- Plug in 3G GSM/GPRS module for LightSYS and ProSYS Plus
- Used as primary communication or back up to IP module or PSTN communication
- Enables remote programming of the panel
- Common monitoring format protocols: SIA, Contact ID
- Simultaneous communication to RISCO Cloud, control room, FM and Configuration software
- Cloud redundancy when used with IP module
- Used for end users application; sending email alerts and system status information
- Multiple control room environment



CP208

## Plug in 3G Module

RP432G30000A

- Plug in 3G GSM/GPRS module for LightSYS and ProSYS Plus
- Used as primary communication or back up to IP module or PSTN communication
- Enables remote programming of the panel
- Common monitoring format protocols: SIA, Contact ID
- Simultaneous communication to RISCO Cloud, control room, FM and Configuration software
- Cloud redundancy when used with IP module
- Used for end users application; sending email alerts and system status information
- Single control room environment





**CP169**  
**Single Zone Expander- LightSYS™ & ProSYS™ Plus**  
RP128EZ0100A

- Used to connect any detector to the RISCO BUS
- Used for zone 9 and zone 10 expansion on LightSYS™
- 4-Wire Bus connection
- Simplifying installations
- Parallel connections from any point along the wiring route



**CP179**  
**8 Zone Expander - LightSYS™ & ProSYS™ Plus**  
RP432EZ8000B

- Compatible with LightSYS™ and ProSYS™ Plus
- Max 5 CP179 expanders to LightSYS™
- Max 32 CP179 expanders to ProSYS™ Plus
- 8 Wired zone input
- 4-Wire Bus connection
- Switched auxiliary power output
- 22 Programmable zone types
- Programmable loop response for each zone
- Zone termination - N/C, N/O, end-of-line resistor and double end-of-line resistor
- Switched auxiliary power output



**CP171-2**  
**16 Zone Expander ProSYS™ Plus**  
RP512E21600A

- Max 32 expanders to ProSYS™ Plus
- 16 Wired zone input
- 4-Wire Bus connection
- Switched auxiliary power output
- 22 Programmable zone types
- Programmable loop response for each zone
- Zone termination - N/C, N/O, end-of-line resistor and double end-of-line resistor
- Switched auxiliary power output



**CP172-1**  
**4 x 3A Relay Output Expander**  
RP296E04000A

- Compatible with LightSYS™ and ProSYS™ Plus
- 4 High-current form C relays - 3A
- Programmable as N/C, N/O, latched or pulsed
- Pulse duration is programmable from 1 to 99 seconds
- Activates as a result of events related to the system, partition, zone or user code



**CP173-1**  
**8 x 100mA O.C. Output Expander**  
RP296E08000A

- Compatible with LightSYS™ and ProSYS™ Plus
- 8 Open-collector outputs - 100mA
- Programmable as N/C, N/O, latched or pulsed
- Pulse duration is programmable from 1 to 99 seconds
- Activates as a result of events related to the system, partition, zone or user code



**CP174-3**  
**3 Amp Supervised Power Supply PCB**  
RP128EPS00A

- 3Amp Power supply compatible with LightSYS™ and ProSYS™ Plus
- 1.3Amp power for modules and detectors
- 1.7Amp power for additional siren/bell
- 2 x 3Amp programmable relay outputs
- Supervised for tampering, low battery, AC power fail, bell loop and auxiliary power
- Charging capacity from 7Ah to 17Ah Sealed Lead Acid Battery

**CP174-2**

## 3 Amp Supervised 3A Power Supply, Boxed

RP128PSPSEUA



- Compatible with LightSYS™ and ProSYS™ Plus
- 1.3Amp power for modules and detectors
- 1.7Amp power for additional siren/bell
- 2 x 3Amp programmable relay outputs
- Supervised for tampering, low battery, AC power fail, bell loop and auxiliary power
- Charging capacity from 7Ah to 17Ah Sealed Lead Acid Battery
- Includes Metal box with Transformer





# Wired Indoor PIR Detectors



**BD150**  
**Comet 12m PIR**

RK210PR0000A

- Domestic Applications
- Coverage: 12m x 12m
- Temperature compensation
- R/F immunity - 20V/m
- Pulse count (Selectable 1, 2, 3)



**BD150-1**  
**Comet Pet 20kg 8m PIR**

RK210PT0000A

- Domestic PIR for pet friendly applications
- Coverage: 8m x 90°
- Temperature compensation
- R/F immunity - 20V/m
- Pulse count (Selectable 1, 2, 3)



**BD151-1**  
**Zodiac Quad PIR**

RK410RQ

- Quad element pyro sensor
- Suitable for harsh environments
- Coverage: 12m x 12m
- High RF immunity
- Free swivel for wall / ceiling mounting
- Pulse count (Selectable 1, 2, 3)



**BD184-3**  
**DigiSense G2 DT PET PIR**

RK412DPT00A

- MW and PIR technologies
- Coverage: 12m x 12m
- Creep Zone
- Selectable EOL resistors
- True Temperature Compensation
- Variable Pet Threshold (VPT™) up to 34kg



**BD157-1** Active IR Anti-mask  
**BWare G3 15m DT PIR**

RK515DTG300A

- MW and PIR technologies with Anti-Cloak™ technology
- Microwave K-band
- Green Line
- Coverage: 15m x 90°
- Trouble Indication and Creep zone
- Selectable EOL resistors
- Active IR Anti-Mask



**BD157**  
**BWare G2 15m DT PIR**

RK515DTGL00A

**BD157-3**  
**BWare G2 15m DT (Bus) PIR**

RK515DTBGL0A

- MW and PIR technologies with Anti-Cloak™ technology
- Microwave K-band
- Green Line
- Coverage: 15m x 90°
- Trouble Indication and Creep zone



**BD157-8**  
**BWare Wall Ceiling Swivel Bracket**

RA51T000000A

- Combined swivel bracket for wall or ceiling mount
- Used with BD157-1, BD157-3, BD157



**BD160** Dual technologies

RK150DTGL00B

**BD160-1** Standard

RK2000DPC00B

**Lunar 360° Ceiling Mount PIR**

- PIR and MW technologies (DT models only)
- Coverage: 12m x 360°
- Microprocessor controlled with proprietary algorithm
- True temperature compensation
- Alternate polarity pulse count
- X-band MW



**BD156-5**  
**WatchIN DT AM Industrial Detector**

RK325DT0000C

- 2 MW channels + 2 PIR channels with Anti-mask technology
- Coverage: 25m x 90°
- Sway Recognition™ technology
- Rubber seal: IP65 Eliminates ingress of dust particles
- Microwave Anti-collision
- Selectable EOL resistors
- Green Line
- Active IR Anti-mask
- Optional BD161-5 Swivel bracket available
- Pulse count (Selectable 1, 2, 3)



**BD154-1**  
**Industrial Lunar DT AM 360° PIR**

RK200DTG300D

- PIR and MW with Anti-Cloak™ Technology
- Coverage: 18m x 360°
- 3 independently adjustable PIR channels
- Variable Mounting Height: From 2.7m to 8.6m
- Active IR Anti-Mask
- Green Line Technology
- Anti-Mask: 3 Active IR channels
- Built-in EOL resistors: Triple EOL
- True Temperature Compensation
- Remote Control & Diagnostics via PC software
- Optional: BD154-4 IR bidirectional remote control programmer

**BD154-4**  
**IR Bidirectional Remote Control Programmer**

RK200RC0000A

- Control & Diagnostics via bi-directional remote control
- Remote microwave adjustment enables one-man walk test
- Remote display and control of settings: MW adjustment, ACT on/off, LED's on/off
- Remote trouble indication (Pass/Fail) for the PIR, MW and power supply input
- Status diagnostics: status of each PIR channel
- Powered by two lithium CR123 batteries







## Wired Outdoor PIR Detectors



### BD161 WatchOUT™ eXtreme Detector

RK315DT0000C

- 2 MW channels + 2 PIR channels with Anti-mask technology
- Wide angle coverage: 15m x 90°
- Long-range coverage: 23m x 5°
- Barrier coverage: 15m x 5°
- Pet immunity: Animals up to 70cm
- Sway Recognition™ technology
- Digital Correlation™ technology
- Active IR Anti-mask
- Anti-Sabotage: Directional proximity alert
- Microwave Anti-collision allows back-to-back or face-to-face installs
- Dirty lens alert
- Protective hood and IP65 environment rating



### BD161-9 WatchOUT™ Swivel Conduit Adaptor

RA300SC0000A

- Swivel Conduit Adaptor



### BD161-6 WatchOUT™ Pole Adaptor

RA300P00000A

- Pole Adaptor



### BD161-5 WatchOUT™ Pole Adaptor

RA300B00000A

- Barrier swivel bracket



### BD161-8 WatchOUT™ Conduit Adaptor

RA300C00000A

- Conduit Adaptor

### BD162 Beyond DT Wired Outdoor Detector

RK350DT0000A

- 2 MW channels + 2 PIR channels with Anti-mask technology
- 2 dual element PIR sensors with 2 separate lenses
- Coverage: 12m x 90°
- Microwave K-Band
- Active IR Anti-mask
- Sway Recognition™ technology
- Digital Correlation™ technology
- Pet-friendly Animals with head height to 50 cm
- Tamper Wall & cover
- Built-in EOL resistors TEOL (triple end-of-line)
- IP54 environmental rating



### BD162-9 Beyond DT 180° Swivel bracket

RA350S00000A

- Enhanced 180° swivel coverage
- Designed for outdoor installation
- Cover and wall tamperers



## Shock & Glass Break Detectors



### BD80 Seismic Detector

RK66S000000B

- Detection range up to 5m radius
- Piezo sensor with pattern recognition digital signal processing
- Monitors vibration and temperature of the protected surface
- Anti-drilling shield as standard
- Remote sensitivity reduction input
- Wall and cover tamper protection
- Temperature sensors detect extreme cold and high temperatures
- Relay detector with built-in EOL resistors
- Includes mounting plate and test generator



### BD170 ShockTec™ Detector

RK600S00000B

- Encapsulated piezo-electric sensor
- Advanced digital microprocessor with two separate channels for signal analyses
- Protection for windows, doors, walls and roofs
- Enclosure Material: Flame retardant ABS
- Tri-Color LED Indicator for alarm, over-sensitive and under-sensitive



### BD155-5 ViTRON Plus Acoustic Glass Break Detector

RG71FM

- Flush, wall or ceiling mount
- Pattern recognition analysis technology
- Detects both low frequency "Flex" and high frequency "Shatter" channels
- Flush, wall or ceiling mount
- Coverage: 9m range with omni-directional microphone
- Suitable for most common glass types: plate, tempered, laminated and wired glass
- Minimum size for all types of glass: 30cm x 30cm
- Full remote test using BD155-2 Glass Break Simulator
- Optional BD155-1 Swivel bracket available

### BD155-1 Bracket For ViTRON

RA66

- Ceiling-mount bracket ensures best positioning of the ViTRON for optimal performance



### BD155-2 ViTRON Glass Break Simulator

RG65

- Advanced glass-breaking pattern generator
- Full remote test mode eliminates the need to open the detector for testing
- Auto/Manual operation modes
- Active-battery LED indication





# Wireless Detectors and Accessories



## CP189-1

### 32 Zone Wireless Expander 868MHz

RP432EW8000A

- Compatible with LightSYS™ and ProSYS™ Plus
- Up to 32 two way supervised wireless zones
- Max 2 X CP189-1 WL Receivers per LightSYS2 system
- Up to 16 x SW153-2 multi-function key fobs
- 2 programmable utility outputs
- Signal jamming detection
- Threshold-level calibration
- Optional Standalone Mode: Up to 200 standalone key fobs for UO control
- Monitors: tamper, low battery and transmissions



## BD154-5

### 1 Way WL iWAVE PET PIR 868MHz

RWT95P86800A

- Indoor Wireless PET Detector
- Coverage: 12m X 12m
- White Light immunity
- Intelligent Digital Signal Processing
- True Temperature Compensation
- Frequency: 868.65MHz
- RF Immunity: According to EN50130-4
- Battery Type: 2 x CR 123, 3V Lithium Battery
- Typical battery Life: 3 years



## BD154-6

### 2 Way WL iWAVE DT PIR 868MHz

RWX95DT0800C

- Indoor Wireless DT Detector
- Coverage: 15m X 15m
- Dual Element PIR sensor
- K-Band Microwave
- 2-way wireless for higher security, reduced RF emission and remote servicing
- White Light immunity
- Intelligent Digital Signal Processing
- True Temperature Compensation
- Frequency: 868.65MHz
- RF Immunity: According to EN50130-4
- Battery Type: 2 x CR 123, 3V Lithium Battery
- Typical battery Life: 3 years
- Green Line for protecting occupants from unnecessary microwave emission



## BD154-7

### 2 Way WL iWAVE DT PET PIR 868MHz

RWX95DTP800B

- Indoor Wireless DT Pet Detector
- Pet immunity up to 36kg
- Variable Pet Threshold (VPT) algorithm technology
- Coverage: 12m X 12m
- Dual Element PIR sensor
- K-Band Microwave
- 2-way wireless for higher security, reduced RF emission and remote servicing
- White Light immunity
- Intelligent Digital Signal Processing
- True Temperature Compensation
- Frequency: 868.65 MHz
- RF Immunity: According to EN50130-4
- Battery Type: 2 x CR 123, 3V Lithium Battery
- Typical battery Life: 3 years
- Green Line for protecting occupants from unnecessary microwave emission



## BD154-8

### 2-WAY WL iWAVE PIR 868 MHz

RWX95086800C

- Indoor Wireless Detector
- Coverage: 12m X 12m
- Dual Element PIR sensor
- 2-way wireless for higher security, reduced RF emission and remote servicing
- White Light immunity
- Intelligent Digital Signal Processing
- Frequency: 868.65MHz
- RF Immunity: According to EN50130-4
- Battery Type: 2 x CR 123, 3V Lithium Battery
- Typical battery Life: 3 years



## BD154-9

### 2-WAY WL iWAVE PET PIR 868 MHz

RWX95P86800C

- Indoor Wireless Pet Detector
- Pet immunity up to 36kg
- Variable Pet Threshold (VPT) algorithm technology
- Coverage: 12m X 12m
- Dual Element PIR sensor
- 2-way wireless for higher security, reduced RF emission and remote servicing
- White Light immunity
- Intelligent Digital Signal Processing
- Frequency: 868.65MHz
- RF Immunity: According to EN50130-4
- Battery Type: 2 x CR 123, 3V Lithium Battery
- Typical battery Life: 3 years



## BD163

### 1-WAY WL WATCHOUT PIR 868 MHz

RWT312PR800C

- Reliable PIR detection for outdoor areas
- Two PIR channels with separate detection areas and adjustable PIR
- Adjustable wide angle coverage up to 12m x 90°
- Pet friendly up to 45kg
- 1-way wireless
- Frequency: 868.65MHz
- Protective hood and IP65 environmental rating
- Battery Type: 2 x CR 123, 3V Lithium Battery
- Typical battery Life: 3 years



## BD163-1

### 2-WAY WL WATCHOUT PIR 868 MHz

RWX312PR800C

- Reliable PIR detection for outdoor areas
- Two PIR channels with separate detection areas and adjustable PIR
- Adjustable wide angle coverage up to 12m x 90°
- Pet friendly up to 45kg
- 2-way wireless for higher security, reduced RF emission and remote servicing
- Frequency: 868.65MHz
- Protective hood and IP65 environmental rating
- Battery Type: 2 x CR 123, 3V Lithium Battery
- Typical battery Life: 3 years



## Wireless Detectors and Accessories



### MC42-1 1-WAY DOOR/WINDOW CONTACT with ZONE INPUT 868 MHz

RWT72M86800C

- Built in magnetic contact and additional zone input
- Selective input termination: NO, NC, DEOL
- Selective input response time adjusted to wired sensors (Tamper protection: Back + Cover
- Tamper protection: Back + Cover
- Frequency: 868.65MHz
- Fully supervised
- Battery type: CR123 3V Lithium Battery
- Battery-life saving: events are only sent once every 2.5minutes
- Typical battery Life: 3 years
- RF immunity: According to EN50130-4



### MC42-2 2-WAY DOOR/WINDOW CONTACT with ZONE INPUT 868 MHz

RWX73M86800A

- Built in magnetic contact and additional zone input
- Selective input termination: NO, NC, DEOL
- Selective input response time adjusted to wired sensors (Tamper protection: Back + Cover
- Tamper protection: Back + Cover
- Frequency: 868.65MHz
- Fully supervised
- Battery type: CR123 3V Lithium Battery
- Battery-life saving: events are only sent once every 2.5minutes
- Typical battery Life: 3 years
- RF immunity: According to EN50130-4



### MC42-3 2-WAY DOOR/WINDOW CONTACT with 2 ZONE INPUTS 868 MHz

RWX73F86800A

- Built in magnetic contact and additional two zone inputs
- Selective input termination: NO, NC, DEOL
- Selective input response time adjusted to wired sensors
- Tamper protection: Back + Cover
- Frequency: 868.65MHz
- Fully supervised
- Battery type: CR123 3V Lithium Battery
- Battery-life saving: events are only sent once every 2.5minutes
- Typical battery Life: 3 years
- RF immunity: According to EN50130-4



### BD172-3 1-WAY WL GLASSBREAK DETECTOR 868 MHz

RWT6G086800C

- Protects all glass types: plate, tempered, laminated and wired
- Dual frequency pattern recognition
- Range up to 9m
- Wall and front cover tamper protection
- Fully Supervised
- Full testing using the BD155-2 ViTRON glass break simulator
- Supplied with wall/ceiling swivel for optimal mounting and performance
- Battery type: CR123 3V Lithium Battery
- Battery-life saving: events are only sent once every 2.5minutes
- Typical battery Life: 3 years



### BD172-1 1-WAY WL Shock Contact 868MHz

RWT6SW86800B

- Encapsulated piezo electric sensor
- Tri-Color LED Indicator for alarm, over-sensitive and under-sensitive
- Digital Microprocessor with Intelligent Digital Signal Processing
- Gross attack detection
- Wall and cover tamper protection
- Battery type: CR123 3V Lithium Battery
- Battery-life saving: events are only sent once every 2.5minutes
- Typical battery Life: 3 years
- RF immunity: According to EN50130-4



### FR41 SMOKE & HEAT DETECTOR, 1 & 2 WAY 868 MHz

RWX34S86800A

- Combined smoke and heat detector
- Wireless RF Modes: Selectable 1-Way or 2-Way
- Operating Modes: Smoke + Heat (OR logic), Smoke only, Heat only
- Smoke Detection: Photoelectric chamber
- Heat Detection: Dual-sensor with fixed temperature and rate of rise
- Heat only mode enables installing in harsh environments such as kitchens or bathrooms
- Built-in test button activates self-test and alarm sound
- Low Battery indication
- Certification: EN14604
- Battery type: CR123 3V Lithium Battery
- Typical battery Life: 3 years



## Wireless Keyfobs and Accessories



### SW153-2 KEYFOB - 868Mhz

RP128T4RC00B

- 4-Button Rolling Code Key fob
- 4 functions activated on 3 channels; arm/disarm on the same channel, panic and utility output
- Key ring or pendant mounting
- Low battery and transmission LED indication
- Battery type: CR2430 3V Lithium
- Typical battery Life: 3 years



### SW153-5 2-WAY 8 BUTTON KEYFOB 868Mhz

RWX132KF800A

- Bi-directional communication
- Colored system status LED display
- PIN code for higher security
- Low battery and transmission LED indication
- Battery type: CR21/3N 3V Lithium
- Typical battery Life: 3 years



### SW153-3 2-BUTTON PANIC KEYFOB 868Mhz

RWT52P86800A

- 2-Button Rolling Code Key fob
- Assigned to a zone on the control panel
- Key ring or pendant mounting
- Low battery and transmission LED indication
- Battery type: CR2430 3V Lithium
- Typical battery Life: 3 years



### SW156 WRISTBAND PANIC TRANSMITTER, 868Mhz

RWT51P80000A

- Used for personal emergency situations to signal a panic alarm or duress
- Water resistant with IP67 rating
- Low battery and transmission LED indication
- Includes lithium battery
- Battery type: CR2430 3V Lithium
- Typical battery Life: 3 years





## Smartphone App iRISCO



RISCO Group's smartphone app, iRISCO, gives end-users and monitoring stations an added value and convenience that is unrivaled by competitors' systems.



Download on the  
**App Store**



GET IT ON  
**Google Play**



The app enables users to control their alarm systems remotely through its communication with the RISCO Cloud with just the touch of a button. Capabilities include arming and disarming the system, receiving push notifications in the event of an intrusion event and video verification; displaying real-time images or streaming video (with the installation of IP cameras) from the premises. The iRISCO app is available for both iPhone, iPad and Android handheld devices as well as via a web-based PC application.

Supported by the following RISCO intrusion systems:

- LightSYS™ 2
- ProSYS™ Plus