



Wireless Expansion

- Noise measurement and detector signal strength displayed on LCD keypad, provides confidence to the installer regarding wireless communication quality
- Wireless Outdoor PIR, PIR pet, and smoke detectors
- 4 button and 2 button panic keyfobs, assigned to a zone
- Wireless magnetic contact, flood and shock detectors

* For Wireless Accessories details please see pages 26-29

| | |
|----------------|----------------------------------|
| RP128EW0800A-B | Wireless 8 Zone Receiver 868MHz |
| RP128EW1600A-B | Wireless 16 Zone Receiver 868MHz |
| RP296EW0800A | Wireless 8 Zone Receiver 433MHz |
| RP296EW01600A | Wireless 16 Zone Receiver 433MHz |

Program Transfer Module

- Save backup of programming
- Copy programming from master system to other systems
- No need for phone line, PC or any other peripheral device

RP128EE0000A | Program Transfer Module



Zone Expansion Module

RP296EZB | 8 Zone Hardwired Expansion Module



Output Expansion

- Each output may be activated as a result of numerous events related to system, partition, zone or user

| | |
|----------|--|
| RP296E04 | 4 high current relay outputs module (3A) |
| RP296E08 | 8 open-collector outputs module (70mA) |



Event Log Expansion

| | |
|--------------|-----------------------------|
| RP296EL5000A | 512 Memory Expansion Module |
| RP296EL9000A | 999 Memory Expansion Module |



X-10 Expansion Module

- Enables home automation via the AC wiring of the premises
- Supports up to 16 X-10 protocol receivers

RP296EXT | X-10 Expansion Module



Local Adaptors

| | |
|--------------|-----------------------------------|
| RP128EUSB00A | USB to RS485 Adaptor |
| RP296EBA000A | RS232 to RS485 Adaptor |
| RP296PRT000A | Parallel Printer to RS485 Adaptor |



Supervised Power Supplies

- 1.5Amp 12V power supply for additional modules and siren drivers
- Fully supervised for low battery, AC power loss, bell loop, auxiliary failure
- Built-in 900 mA siren driver
- Tamper supervision

| | |
|-------------|----------------------|
| RP128EPS00A | 1.5A PS in metal box |
| RP296EPS | 1.5A PS PCB |

Voice Module

- Record and playback voice messages to "follow me" phone numbers.
- Up to 3 messages, total of 40 seconds
- Messages can be assigned to partitions and/or events

RP200xx | Voice Module

xx: Market



Wireless Accessories

RISCO Group's line of cutting edge wireless accessories provide maximum flexibility for security systems, and are the ideal solution whenever wiring becomes too difficult, or when remote control operation is required. Using the most advanced RF technology, RISCO Group's wireless accessories ensure superior reliability and maximum range.

RISCO Group's wireless accessories are available in 868MHz or 433MHz. Range is up to 300m (1000') line of sight for all accessories except keyfobs that have a range up to 120m (400') line of sight. All wireless detectors are supervised and all accessories use one of 16 million codes for ID without dipswitches and include low battery transmission.



Wireless PIR Detector

Microprocessor-controlled wireless PIR detector

The PIR Wireless Detector is a wall mount passive infrared wireless detector, available with two interchangeable lenses - a wide-angle 15m (50ft) lens, or a long-range 25m (75ft) lens.

- Coverage: wide-angle lens 15m (50ft) 100°
- Long range lens 25m (75ft)
- Creep zone for close-in detection
- True temperature compensation algorithm with DSP
- Cover and back tamper switches in T92, tamper cover switch in T90
- Includes long-life 3V lithium battery

| 868MHz | 433MHz | 433MHz for USA |
|----------------|-----------|----------------|
| RWT92086800A-B | RWT90EUV2 | RWT900433USA |



Wireless PET Detector

Microprocessor-controlled wireless PET immune detector

The PIR PET Wireless Detector is a wall mount passive infrared detector with pet immunity up to 36kg.

- Coverage of 8m (26ft) 90°
- Unique VPT (Variable Pet Threshold) pet immunity algorithm
- Creep zone for close-in detection
- True Temperature compensation algorithm with DSP
- Cover and back tamper switches
- Includes long-life 3V lithium battery

| 868MHz | 433MHz | 433MHz for USA |
|----------------|--------------|----------------|
| RWT92P86800A-B | RWT90PEU000A | RWT90P433USA |

Wireless Smoke Detector

The Wireless Smoke Detector is a photoelectric smoke detector for adding fire warning capability to intruder alarm systems. The smoke detector is designed for use in a single residential unit only. When sufficient smoke is detected, the detector will sound its alarm horn and the transmitter will send an alarm message.

- Ceiling mount
- No radiation emission
- Test mode
- Cover and back tamperers
- Uses a 9 volt lithium or alkaline battery

| 868MHz | 433MHz | 433MHz for USA |
|--------------|--------------|----------------|
| RWT33S86800A | RWT33S43300A | RWT30S433USA |

Universal Transmitters and Magnetic Contacts

The Universal Transmitter is a supervised, general-purpose transmitter that can be connected to door and window magnetic contacts or to other sensors. A double-contact model includes two inputs with separate transmission channels within the same housing, for protecting 2 zones from one unit.

- Enables wireless operation of any NO or NC contact detector
- Internal reed contact and external magnet
- Selectable response time (10 msec, 400 msec)
- Sends alarm and restore signals, preventing panel arming when the zone is in state of alarm
- Tamper Protection
- Low battery and transmission and LED indication
- Includes 3V lithium battery with 5-year battery life

| | 868MHz | 433MHz | 433MHz for USA |
|---|----------------|--------------|----------------|
| WL Universal Transmitter | RWT72C86800A-B | RWT71EUV2 | RWT71C433USA |
| WL Magnetic Contact | RWT72M86800A-B | RWT71EUMV2 | RWT71M433USA |
| WL Magnetic Contact with EOL (IMQ approved) | RWT72M86800A-B | RWT71M4330A | - |
| WL Transmitter for Shutter Pulse | RWT72P86800A-B | RWT71EUPV2 | - |
| WL Dual Channel Contact Transmitter | RWT72X86800A-B | RWT71X43300A | - |

Wireless Shock Detector

The Wireless Shock Detector is based on the shock detection technology of the ShockTec wired shock detector. The Wireless Shock Detector comes in the same housing as the Universal Transmitter.

- Digital Microprocessor with Intelligent Digital Signal Processing
- Tri-color LED enables accurate and reliable calibration, with over-sensitive and under-sensitive indications
- Gross attack detection
- Encapsulated bi-morph piezo electric sensor
- Dual stage adjustment potentiometer
- Includes 3V long life lithium battery
- Cover & Back Tamper protection
- White or brown housing

| 868MHz | 433MHz |
|--------------|--------------|
| RWT6Sy86800A | RWT6Sy43300A |

y: Select housing colour: W - White, B - Brown

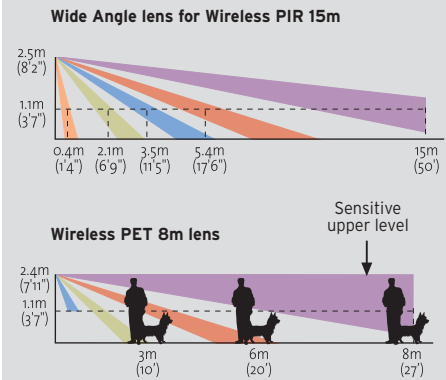
Wireless Flood Detector

The Wireless Flood Detector provides an alarm in case of flooding above the sensor level.

- Digital Microprocessor with Intelligent Digital Signal Processing
- 2.4m (8') cable between flood sensor and wireless transmitter
- Includes 3V long life lithium battery
- Cover & Back Tamper protection

| 868MHz | 433MHz | 433MHz for USA |
|--------------|--------------|----------------|
| RWT6FW86800A | RWT6FW43300A | RWT6FW433USA |

Wireless PIR/PET Detector coverage



Wireless Smoke Detector



Universal Transmitters and Magnetic Contacts



Wireless Shock Detector



Wireless Flood Detector

Wireless Accessories



4-Button Keyfob

The 4-Button Keyfob is a miniature transmitter for use as a remote control with RISCO Group's Hybrid or Wireless systems. Button functionality is programmable to arm, disarm, stay, panic and output operations.

- Rolling Code technology or zone assignment
- Zone models have 3 channels for arm/disarm, panic and output operation
- Pocket size for key-ring or pendant mounting
- Low battery and transmission LED indication
- Includes lithium battery with 3-year typical battery life

| | 868MHz | 433MHz |
|------------------------------|--------------|--------------|
| 4-Button Rolling-Code Keyfob | RP128T4RC00A | RP296T4RC00A |
| 4-Button Zone Keyfob | RWT54086800A | RWT540000EUA |



2-Button Panic Keyfob

The 2-Button Panic Keyfob prevents false panic alarms by requiring that both buttons be depressed simultaneously in order to cause an alarm. The keyfob includes a handy belt-clip or it can be attached to a keyring.

- Key ring or belt mounting
- Assigned to a zone on the control panel
- Low battery and transmission LED indication
- Includes lithium battery with 3-year typical battery life

| 868MHz | 433MHz |
|--------------|--------------|
| RWT52P86800A | RWT52P43300A |



Wireless Keypad

The wireless keypad is a battery powered remote control unit used for operating RISCO Group's WisDom system.

- Rolling-code technology
- Large easy to operate buttons
- Low battery and transmission LED indication
- Includes lithium battery

| 868MHz | 433MHz | 433MHz for USA |
|--------------|--------------|----------------|
| RWSALKWL100A | RWSALKWL100H | RWSALKWL1USH |

Wireless External & Internal Sounders

The External and Internal Sounders are fully standalone units requiring no AC power. They include a pre-alarm feature that begins at entry delay countdown and sends an alarm if the WisDom is vandalized during entry delay. Battery life economy is ensured through an advanced algorithm, and a low battery signal is included for both transceiver and sounder. The sounders are supervised by WisDom offering remote control via upload/download.

- Two-way wireless, fully battery powered sounders
- Range up to 150m (500ft) line of sight
- 105dBA piezo sound output, adjustable volume
- Cover and back tamper
- Includes 5 long-life 3V lithium batteries for 3 year typical battery life
- Additional on External Sounders:
 - Low-voltage long-life LED strobe
 - Adjustable strobe time and flash rate
 - Clips to hold external and internal covers during installation
 - Strobe available in Red, Blue, Amber or Transparent

| | 868MHz | 433MHz |
|---------------------------|--------------|--------------|
| Wireless External Sounder | RWS5y868xxA | RWS5y433xxA |
| Wireless Internal Sounder | RWS40086800A | RWS40043300A |

y: Select strobe colour: A - Amber, B - Blue, R - Red, T - Transparent
xx: Market

Wireless Repeater

The Wireless Repeater is compatible with RISCO Group's Receivers. By using Wireless Repeaters, the range can be extended up to 7 times.

Wireless Repeater Features

- High sensitivity super heterodyne receiver and transmitter
- Range up to 300m (1000ft) line of sight
- Up to 12 transmitters per receiver
- Repeaters can be chained for range extension up to 7 times
- Internal rechargeable battery backup (batteries not supplied)
- Accepts 12-16 volt AC or DC electrical supply

| 868MHz | 433MHz | 433MHz for USA |
|----------------|--------------|----------------|
| RP128EWR000A-B | RP296EWR000A | RP296EWR00USA |

Wireless WatchOUT

Reliable Outdoor Detection



The Wireless version of the award winning WatchOUT PIR outdoor detector.

- Coverage: wide-angle lens 12m (40')
- Long range lens 23m (75') Barrier lens 15m (50')
- Digital Correlation Technology using two PIR channels with interlacing detection patterns. Only targets creating a correlated signal in both PIR channels are taken into account, eliminating false alarms from pets and rapid temperature changes
- Active IR Anti-mask
- 1.0m to 2.7m installation height
- A wide range of swivels for wall, pole, or barrier application
- IP65 environment rating
- Protective shielding for blocking out white light, allowing only IR energy to reach PIR sensors
- Hood - provides protection from sun, rain, snow, hail and birds
- Includes 2 long-life 3V lithium batteries for 3 year lifetime

| 868MHz | 433MHz |
|--------------|--------------|
| RWT312PR800A | RWT312TR400A |



Wireless Glassbreak Detector

The Wireless version of the ViTRON Glassbreak detector

- Protects all glass types: plate, tempered, laminated and wired
- Dual frequency pattern recognition
- Omni-directional microphone
- Full remote test using ViTRON Tester
- 9m (30ft) range
- Optional swivel bracket
- Cover and back tamper
- Includes long-life 3V lithium battery

| 868MHz | 433MHz |
|--------------|--------------|
| RWT6G086800A | RWT6G043300A |



Wireless External Sounder



Wireless Internal Sounder



Wireless Repeater



Wireless WatchOUT



Wireless Glassbreak Detector