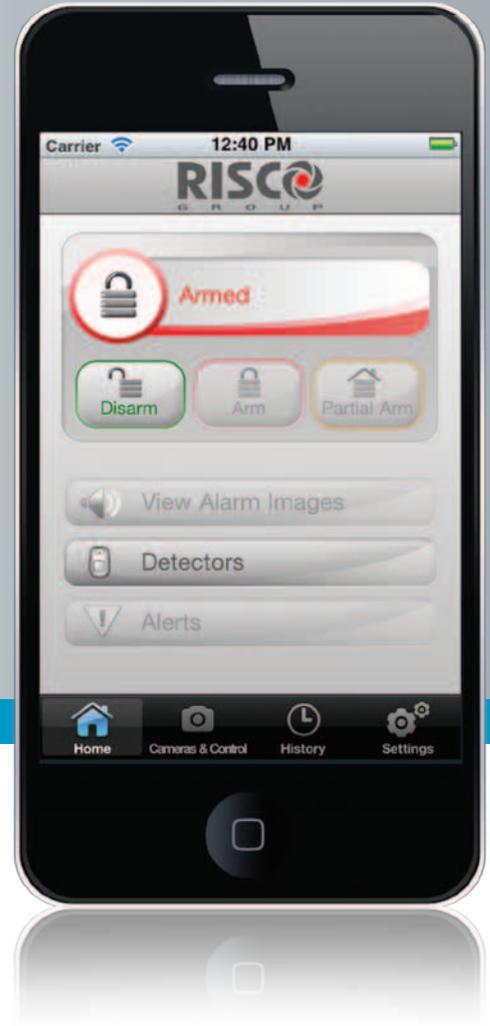


## Offering Appsolute Protection

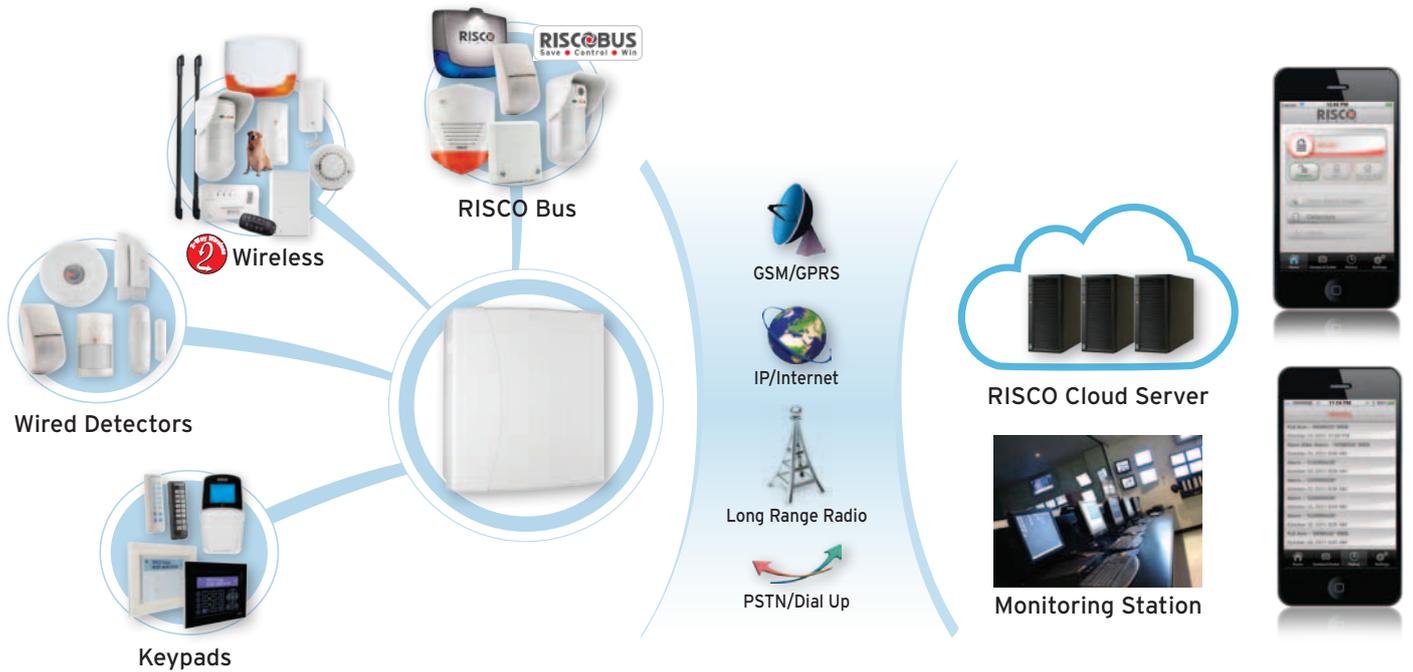


**LightSYS™ 2 is the only hybrid security system that offers Smartphone App control and communication flexibility as well as your choice of wired, 2-way wireless, or RISCO Bus detectors.**

- The Smartphone App transforms the security system into an appealing gadget for home and small business owners
- 2-way wireless sounders, slim keypads and detectors ease your installation and enhance your offering
- RISCO Bus saves you cabling and labor costs and enables remote service, as detectors are installed in series on the system Bus and can be remotely configured and diagnosed
- Communication flexibility includes IP, GSM/GPRS, PSTN and Long Range Radio, all installed within the main housing

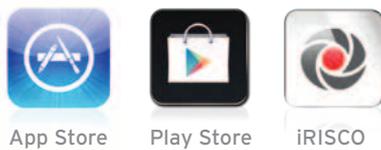
Professional installation and monitoring station companies around the globe choose LightSYS™ 2 for their small commercial and residential installations.

## LightSYS Architecture



## Smartphone App

Home and small business owners can now enjoy the iRISCO Smartphone App for smart and easy control of their LightSYS™ 2 system. The revolutionary app enables users to arm/disarm the system on-the-go, view a history of events, activate home automation devices, bypass detectors, view the system's status and history, and much more. Available for iPhone, iPad and Android.



## Web Application

RISCO Group's web application enables home and small business owners to monitor, control and configure their LightSYS™ 2 system via a web browser. In addition to the capabilities of the iRISCO Smartphone app, users can use the web application to register their system, add users and more. The application is powered by the RISCO Cloud server at [www.riscocloud.com](http://www.riscocloud.com)



# Wired, 2-Way Wireless or RISCO Bus Detectors - The Decision is Yours

## RISCO Bus Detectors & Sounders

- Save on cable and labour costs
- Remote programming and service
- Reduce expenses on zone expanders



### WatchOUT™ Extreme

- RISCO's award winning reliable outdoor detector with unique RISCO technologies
- The only outdoor detector with 2 microwave and 2 PIR channels



### WatchIN™

- 2 MW and 2 PIR channels with unique RISCO technologies
- Ideal for harsh industrial and commercial indoor environments



### Industrial LuNAR™

- High ceiling mount detector up to 8.6m (28') with 18m (60') diameter coverage
- Ideal for warehouses



### BWare & iWISE® Bus

- RISCO Bus versions of BWare & iWISE® DT and Quad detectors
- Include extra relay zone input, saving cabling to the panel



### Seismic Detector

- The ultimate choice for protecting safes, ATMs and vending machines
- Comes with mounting plate, external test generator, and anti-drilling shield as standard



### Lumin8™

- Professional sounder with illuminator for your logo
- Twin Piezo sounder and Surface Light Technology strobe



### ProSound™

- Professional sounder with double skin protection
- Surface Light Technology strobe and logo illuminator



Note - The above RISCO Bus Detectors and Sounders can also be installed as regular wired relay devices, except BWare & iWISE® Bus which are designed for Bus installation only

## Wired Relay Detectors

### BWare

- RISCO's state-of-the-art detector series with K-band microwave and unique RISCO detection technologies
- Convex lens improves catch performance



### iWISE®

- RISCO's field proven detector series with built-in EOL resistors
- DT, QUAD and DT Pet models



### LuNAR™

- 360° ceiling mount up to 4m (13') high, 12m (40') diameter coverage
- Slim design fits any decor



### DigiSense™

- Digital detector series with built-in EOL resistors
- DT, QUAD and Pet models



### ShockTec™ Plus

- For reliable 24 hour perimeter shock detection
- With or without door/window contact on separate zone



### ViTRON™ Plus

- Provides reliable 24 hour glassbreak detection
- Dual frequency pattern recognition



### Wired Flood Detector

- Sounds alarm in case of flooding above the sensor level
- IP67 environmental rating



## 1 & 2-Way Wireless Accessories

### Security

#### Wireless WatchOUT™

- Reliable outdoor volumetric detection with 2 PIR channels
- 12m (40') wide-angle coverage, IP65 rating



#### Wireless Barrier Beams

- Active infrared Barrier Beams for reliable perimeter detection with unique technologies
- Direct sunlight immunity, low battery consumption, front mounting modules, barrier height up to 2.7m (9')



#### Wireless iWAVE™

- PIR with simple bracket to wall installation
- 15m range for PIR, 12m for pet friendly model



#### Wireless iWISE®

- PIR with creep zone
- 15m range for PIR, 8m for pet friendly model



#### Wireless Door/Window Contacts

- Defeats large magnets by signaling tamper
- Higher security, dual zone, and shutter pulse models



#### Wireless Shock & Shock + Contact

- For reliable 24 hour perimeter shock detection
- With or without door/window contact on separate zone



#### Wireless Glassbreak

- Provides reliable 24 hour glassbreak detection
- Dual frequency pattern recognition



#### Wireless Sounders

- Fully wireless outdoor and indoor sounders
- Variety of designs and strobe colors to suit your needs



### Home Safety

#### Wireless Smoke & Heat Detector

- Smoke and/or heat detection
- 1-way or 2-way wireless selectable by dipswitch



#### Wireless CO Detector

- Detects carbon monoxide buildup
- Includes internal sounder



#### Wireless Gas Detector

- Detects presence of cooking/heating gas - butane, propane and methane (natural gas)
- Requires local power, includes internal sounder



#### Wireless Flood Detector

- Sounds alarm in case of flooding above the sensor level
- 2.4m (8') cable between flood sensor and wireless transmitter



### Wireless Keypads, Keyfobs and Panic Transmitters

#### 2-Way Wireless Slim Keypad

- Allows outdoor or indoor end-user control
- Proximity Reader versions available



#### 2-Way Remote Control

- Multi color LED indication for system status
- PIN code for higher security



#### Wristband Panic Transmitter

- Stylish design, can also be worn as a pendant
- Water resistant IP67 rating



#### 2-Button Panic Keyfob

- Prevents false panic alarms - triggers only when both buttons are depressed together
- Keyring or belt mounting

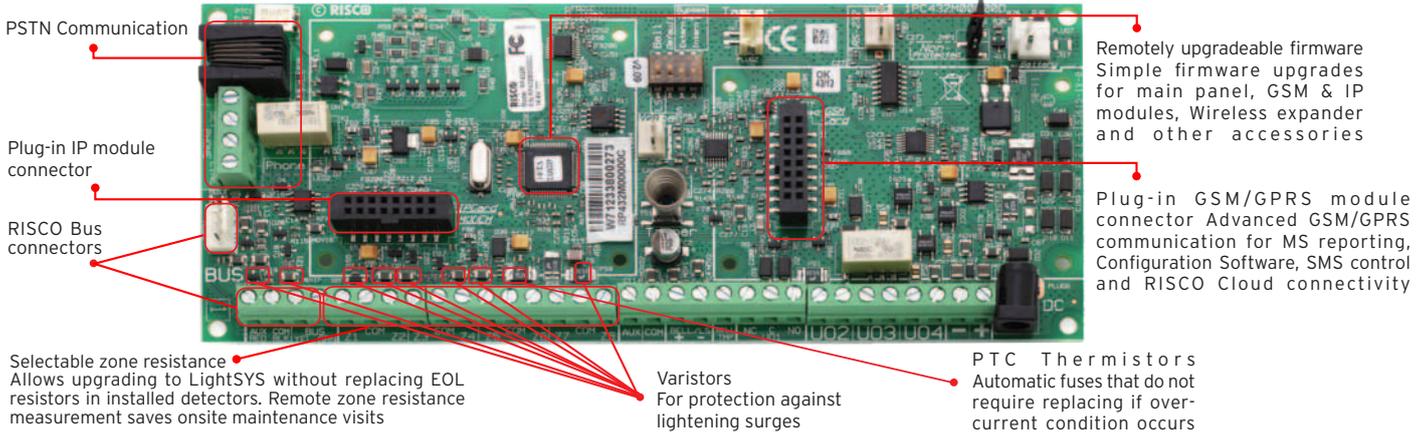


#### 4 Button Keyfobs

- Rolling code technology or zone assignment
- Button functionality programmable to arm, disarm, stay, panic and output activation



# LightSYS Technology - Leading You to Success



## LightSYS Specifications

Zones	8 - 32 wired, wireless or RISCO Bus, in any combination
Partitions	4
Groups per partition	4
EOL Zone resistance	Fully selectable
Remote zone diagnostics	Voltage and resistance measurement on all wired zones
Zone loop response	1msec, 10msec, 400 msec, 1 sec, 1/2 hour to 4 hours
Additional inputs	Bell tamper, Box tamper
Programmable outputs	4 onboard (3*100mA opto-relays + 1A relay) expandable to 14
User codes	16
Event log	500
Wired Keypads	4 wired
2-Way Wireless Keypads	4 (2-way wireless slim keypads)
Wireless Keyfobs	16 (1-way or 2-way wireless keyfobs)
Proximity Key Readers	8
Follow-me destinations	16
Communication	PSTN onboard Plug-on IP or Modem Plug on GSM/GPRS STU Adaptor KP Long Range Radio (Installed on the Bus within the main enclosure)
End User Features	<b>New</b> - Smartphone apps and web browser for Arm/disarm, control and monitoring the system • SMS: Event notification and remote control • Audio: Event messages, full touch-tone remote control with voice menu guide, two-way audio for remote listen-in and speak-in • Email: Event notification
Reporting formats	Contact ID, SIA level 2 & 3, IP/GSM Receiver, Long Range Radio formats
PC Cable connector	RS232 for Configuration Software
PS Input	90-264 VAC, 50-60Hz
PS Output	14.4 VDC / 1.5A (14.4 / 4A PS for metal housing)
Polycarbonate housing	288mm x 254mm x 90mm (11.3" x 10.0" x 3.54") Place for Main, Power Supply, 7Ah Battery, GSM/GPRS, IP module or Modem, 2 expansion modules (wireless expander, voice module, zone expanders, output expanders, long range radio)
Metal housing	420mm x 380mm x 95mm (16.5" x 15.0" x 3.75") Place for 4A PS, STU Adaptor, 17AH Battery, GSM/GPRS, IP module or Modem, 2 expansion modules (voice module, zone expanders, output expanders)

Specifications are subject to change without prior notice  
DD243, PD6222 & EN50131 Security Grade 2



## Ordering Information

Main & Kits	RP432M	LightSYS Main Board
	RP432B	LightSYS Polycarbonate Housing
	RP432PS	LightSYS 1.5A Power Supply
	RP432IN	LightSYS Literature Pack
	RP432BM1	LightSYS Metal Housing
	RP432PS1	LightSYS 4A Power Supply
Communication & Audio	RP432GSM	Plug-in GSM/GPRS Module
	RW132IP	Plug-in IP Module
	RP432MD	Plug-in Modem
	RP432EV	Digital Voice Module
	RP132EVL	Listen-in & Speak Module
Keypads	RP432KP	LightSYS LCD Keypad
	RP432KPP	LightSYS LCD Keypad with Prox
	RP128KP01	TouchScreen Keypad, Black
	RP128KPP1	TouchScreen Keypad with Prox, Black
	RP128KP02	TouchScreen Keypad, White
	RP128KPP2	TouchScreen Keypad with Prox, White
	RP128PKR3	Proximity Key Reader
	RP200KT	Proximity Keytags 13.56MHz (10 units)
	RW132KL1P	2-Way Wireless Outdoor Slim Keypad with Prox, Black
	RW132KL2P	2-Way Wireless Indoor Slim Keypad with Prox, White
Wireless Expander	RP432EW	32 zone wireless expander
Wired Expanders	RP128EZB	Bus zone expander
	RP128EZ01	Single zone expander. Miniature size for insertion in relay detectors and connection to RISCO Bus.
	RP432EZ8	8 zone expander
	RP296E04	4 * 3A relay output expander
	RP296E08	8 * 100mA output expander
	RP296EXT	X-10 output expander
	RP128EPS	3A switching power supply
	RP128B5	Plastic Accessory Box
Installer Accessories	RP128EE	Program Transfer Module
	RW132EUSB	Adaptor from panel to PC USB
	RW132CB	Adaptor from panel to PC RS232

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For a list of RISCO Group's global branches and distributors, please visit [riscogroup.com](http://riscogroup.com)