

LightSYS™

Flexible Hybrid System



Conquer Your Core Market

with LightSYS™



Professional installers around the globe choose LightSYS for their mass market installations.

LightSYS Hybrid Security System offers ultimate flexibility, with advanced IP and GSM/GPRS communication as well as your choice of wired, wireless, or RISCO Bus detectors.

Powered by RISCO Group's state-of-the-art technology with a wide range of accessories - LightSYS is your ultimate weapon for conquering small commercial and residential markets.

RISCO
GROUP

Creating Security Solutions
With Care.

riscogroup.com

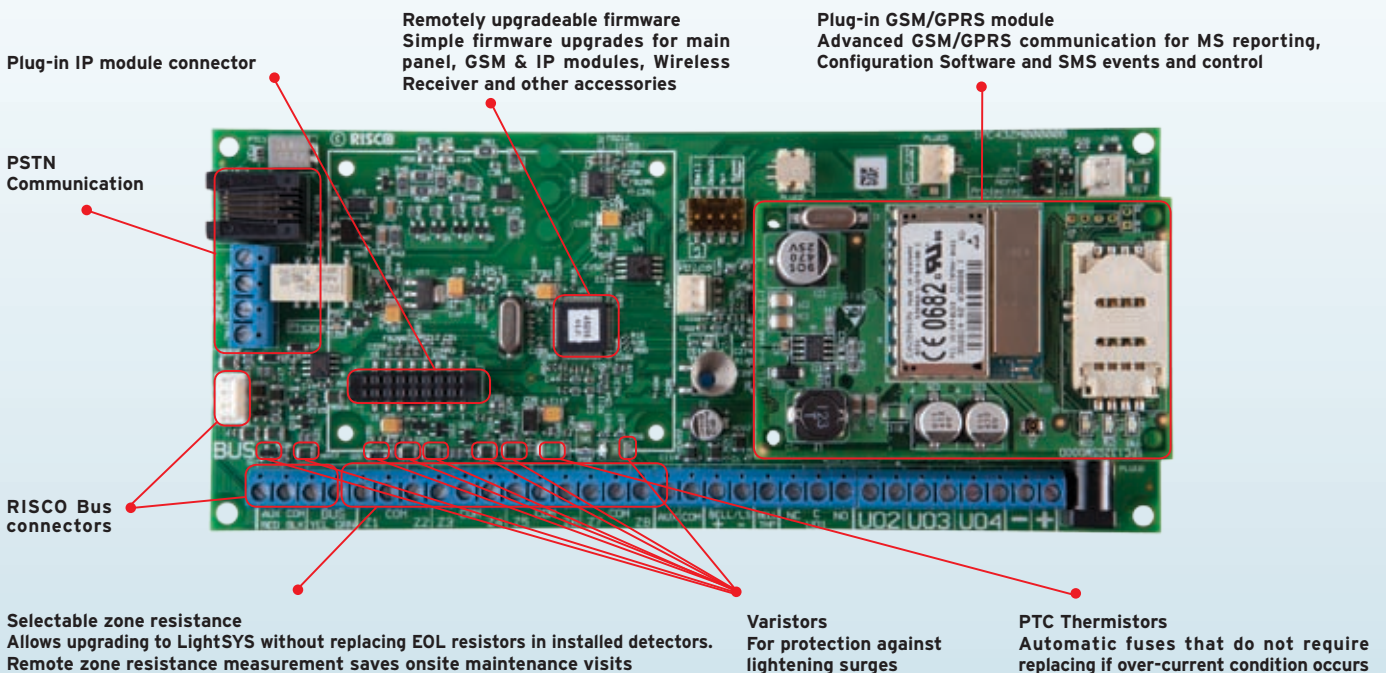
LightSYS Architecture



RISCO Technology - Leading you to victory

RISCO Group's development team is a creative blend of multi-disciplined professionals with years of experience in hardware, software, and advanced wireless technologies. We continually strive to employ state-of-the-art technologies and create innovative products and solutions - to provide you with a competitive edge, and make your installations easier, more flexible, and more reliable.

LightSYS main board technologies include plug-in GSM/GPRS and IP modules, remotely upgradeable firmware, and selectable zone resistance. RISCO Bus Technology saves you time and money and increases installation flexibility, while Auto-Install and Bus Test simplify installation and maintenance. Programming via the PC Configuration Software and the LightSYS keypad is enhanced due to an adaptive menu tree - only the relevant options are displayed according to the installed accessories and installer/user authority.



Wired, Wireless or RISCO Bus detectors - The decision is yours

RISCO Bus Detectors & Sounders

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



WatchOUT Extreme

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



WatchIN

- 2 MW and 2 PIR channels with unique 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



iWISE Bus

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



Barrier Beams

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



Lumin8

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



ProSound

- Professional sounder with double skin protection
- Surface Light Technology strobe
- Logo illuminator - coming soon



Wired Relay Detectors

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

iWISE

- RISCO's flagship detector series with built-in EOL resistors
- DT, QUAD, or 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

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



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 Shock & Shock+Contact

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



Wireless Door/Window Contacts

- Overcomes large magnets by signaling tamper
- Dual zone, higher security and shutter pulse models



Wireless Glassbreak

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



Wireless Sounders - to be supported soon

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



Video Verification

Coming soon

eyeWAVE

- 2-way fully wireless camera and PIR detector
- Captured sequence of images allow video verification of events



Home Safety

Wireless Smoke Detector

- Photoelectric smoke detection
- Includes internal sounder



Wireless CO Detector

- Detects carbon monoxide buildup
- Includes internal sounder



Wireless Gas Detector

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



Wireless Flood Detector

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



Keyfobs and Panic Transmitters

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





Parking Control Application with LightSYS Wireless Receiver

The LightSYS Wireless Receiver is ideal for parking gate control, with support for up to 200 keyfobs and 2 outputs. The unit can be installed as a stand-alone receiver, in addition to installation on the LightSYS Bus.

- Up to 32 wireless zones and 16 rolling-codes keyfobs
- 2 programmable outputs (1A relays)
- Up to 200 keyfob users
- Independent operation in stand-alone mode



* Specially designed for easier installation

LightSYS Specifications

Zones	8 - 32 wired, wireless or RISCO Bus, in any combination
Partitions	4
Groups per partition	4
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
Keypads	4 wired, 2 wireless (one-way)
Wireless Keyfobs	16
Proximity Key Readers	8
Follow-me destinations	16
Communication	PSTN onboard Plug-in IP, GSM/GPRS and Modem
Digital Voice Module	<ul style="list-style-type: none"> • Full voice menu guide • 2-way remote listen-in and talk • Pre-recorded or user-recordable messages for all zones, partitions and outputs • Remote operations such as acknowledge event, arm/disarm, activate outputs, etc.
Reporting formats	Contact ID, SIA level 2 & 3 (text support), IP/GSM Receiver, other main formats
PC Cable connector	RS232 for Configuration Software
PS Input	90-264 VAC, 50-60Hz
PS output / Main board input	14.4 VDC / 1.5A
Main board output	800mA Aux current, 500mA siren driver
Dimensions (Height x Width x Depth)	288mm x 154mm x 90mm (11.3" x 10.0" x 3.54") Place for Main, Power Supply, 7Ah Battery, IP and GSM/GPRS modules, Modem and 2 expansion modules

Specifications are subject to change without prior notice

DD243, PD6222 & EN50131 Security Grade 2



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For a list of RISCO Group's global branches and distributors, please visit riscogroup.com

Ordering Information

	P/N	Description	
Main & Kits	RP432P000xxA	LightSYS Kit: Main, Box, PS xx - market	
	RP432M000xxA	LightSYS Main Board xx - market	
Communication & Audio	RW132GSM000A	Plug-in GSM/GPRS Module	
	RW132IP0000A	Plug-in IP Module	
	RP432MD0000A	Plug-in Modem	
	RP432EV00xxA	Digital Voice Module, xx - language	
Keypads	RW132EVL000A	Listen-in & Speak unit	
	RP432KP0000A	LightSYS LCD Keypad	
	RP432KPP000A	LightSYS LCD Keypad with Prox	
	RP128KP0100A	TouchScreen Keypad, Black	
	RP128KPP100A	TouchScreen Keypad with Prox, Black	
	RP128KP0200A	TouchScreen Keypad, White	
Wireless Receiver	RP128KPP200A	TouchScreen Keypad with Prox, White	
	RP128PKR300A	Proximity Key Reader	
	RP200KT0000A	Proximity Keytags 13.56MHz (10 units)	
	RP432EW8000A	32 zone wireless receiver, 868 MHz	
	RP432EW4000A	32 zone wireless receiver, 433 MHz	
	Wired Expanders	RP128EZB000A	Bus zone expander
		RP128EZ0100A	Single zone expander. Miniature size for insertion in relay detectors and connection to RISCO Bus.
RP432EZ8000A		8 zone expander	
RP296E04000A		4 * 3A relay output expander	
RP296E08000A		8 * 100mA output expander	
RP296EXT		X-10 output expander	
Installer Accessories	RP128EPS000A	3A switching power supply	
	RP128B50000A	Plastic Accessory Box	
	RP128EE0000A	Program Transfer Module	
	RW132EUSB00A	Adaptor from panel to PC USB	
	RW132CB0000A	Adaptor from panel to PC RS232	