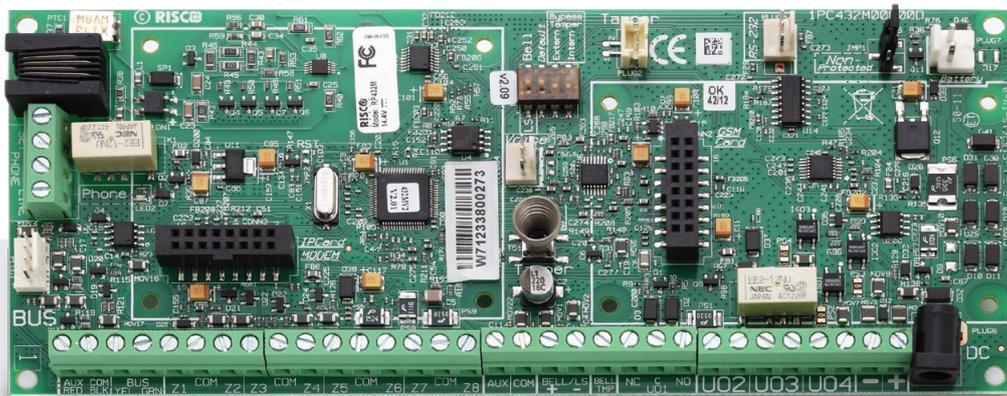# LightSYS™ 2 Main Panel

Model RP432M

The LightSYS™ 2 Main Panel supports 3G with multi-socket IP communication and cloud connectivity backup. Offering full flexibility, the system includes a range of communication options – including IP, GSM/GPRS, PSTN and long-range radio – all installed within the main housing.

LightSYS™ 2 also offers a wide range of accessories, including wired, 2-way wireless, and RISCO Bus detectors.

Features:

- Zones: 8 - 50 wired or wireless. Up to 32 RISCO Bus Detectors
- 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, Additional inputs: Bell tamper, Box tamper
- Programmable outputs: 4 onboard (3*100mA opto-relays + 1A relay) expandable to 32
- User codes: 30
- Event log: 1000
- Keypads: 4 wired
- 2-Way wireless Slim Keypads: 4
- Wireless Keyfobs: 16 (1-way or 2-way keyfobs)
- Proximity Key Readers: 8
- Follow-me destinations: 16
- Communication: PSTN onboard, Plug-in IP or modem, Plug-in GSM/GPRS, STU Adaptor, Integrated KP Long Range Radio programmable from the LightSYS™ keypad (Installed within the main enclosure)
- Reporting formats: Contact ID, SIA with text, IP Receiver, Long Range Radio formats

Technical Specifications

Input Power	AC/DC Adaptor 100-240V 50/60Hz 14.4V—1.5A, 4A
Current Consumption	60 mA, typical / 70 mA, maximum
Rechargeable Standby Battery	1.5A PS: 12 Volts up to 7 Amp-Hours (AH), typical
	4A PS: 12 Volts up to 17 Amp-Hours (AH), typical
Auxiliary Power Output	1.5A PS: Total current 800mA; Maximum Aux = 500mA; Maximum BUS ("AUX RED") = 800mA
	4A PS: Total current 1500mA; Maximum Aux = 500mA; Maximum BUS ("AUX RED") = 1000mA
Bell/LS Power Output	Maximum 12 Volts DC @ 500 mA
Programmable outputs	UO1: Dry contact relay (24V, 1 Amps)
	UO2-UO4: 100 mA, opto relay
Dimensions	80 x 190 mm
Operating temperature	-10°C to 55°C (14°F to 131°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Weight	0.14 kg