



A LIFETIME OF SECURITY

Wireless LuNAR FireWatch

Combine the power of PIR, smoke and heat detection with the Wireless LuNAR FireWatch, a true three-in-one solution, whilst maintaining seamless compatibility with RISCO's LightSYS+ and LightSYS Air security systems.



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→ About the product

The Wireless LuNAR FireWatch is ceiling mounted and ensures better coverage and detection, minimises blind spots while preventing tampering or damage.

→ Benefits



Cost-Effective

Save by using a single, powerful device instead of multiple ones. A true three-in-one solution with PIR, smoke and heat detection.



Quick and Simple Testing

Simply press the pressure pad firmly and the fire alarm will be activated, confirming that the detector is functioning correctly. Release pressure to restore the alarm activation.



Aesthetic Design

Sleek, unobtrusive design that blends seamlessly into any residential or commercial space.

→ Models Available

RWX35SP0800A - WL LuNAR FireWatch Smoke, Heat & PIR, 868Mhz

RWX35SP0400A - WL LuNAR FireWatch Smoke, Heat & PIR, 433Mhz

→ Key Features



All-in-One Safety

Combines PIR motion, smoke, and heat detection to provide comprehensive protection in a single device.



Rapid Detection with Reliability

Equipped with four heat sensors for early warnings and advanced false-alarm immunity to ensure accurate alerts.



Wide-Angle Coverage

Utilises dual-element pyroelectric technology with a 110° field of view and 360° coverage for superior detection.



Built-In Test Mode

Integrated test mode activates self-test diagnostics and alarm sound for reliable operation and maintenance.



Secure Installation

Features tamper detection for both ceiling and wall mounting, ensuring security against tampering.



Secondary Alarm

Triggers all connected detectors to sound an alarm when one detects smoke, ensuring swift and widespread alerts.



Clear Visual Alerts

LED indicators provide real-time updates for alarms, standby mode, and low battery, ensuring you're always informed.



Easy Installation

Comes with an integrated mounting bracket for quick and hassle-free setup.

→ Technical Specifications

Item	Specifications
Smoke Alarm	Photoelectrical chamber with optical sensor for detecting smoke
Heat detector	Sensors for measuring temperature increase
Indicators	Audible (Piezo) and visual (LED)
Volume of the warning	Min. 85 dB at 3m (10')
Frequency	433.92 MHz, 868.65 MHz
Sound frequency	3.25 kHz
Battery Type	Lithium, model CR123A
Power consumption	Standby: 0.02mA (typical) / Alarm: 100mA
Battery life	4 years (typical)
Low battery threshold	2.65 V
Optical lens (PIR)	Wide angle spherical Fresnel
Lens coverage	110° angle, 360° overview
Detection area	3 optical levels, 12 external sectors, 12 middle sectors, 6 internal sectors
Operating temperature	0°C to 55°C

Item	Specifications
Humidity during operation	10% to 85% RH, no condensation or icing
Color	White
Dimensions (D x H)	Ø 133.8 x 50.2 mm (Ø 5.27 x 1.98')
Weight	360 g (net)
Supervision monitoring	0-255 min. (user defined)
Wireless trans. Power	10mW
Wireless range	Up to 300m (unobstructed)
Standards Compliance	EN14604:2005/AC:2008. 1134-CPR-186 NOTE: Only the "Smoke Operation Mode" is approved to EN14604.



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