



Industrial LuNAR

Taking Intelligence to New Heights

Industrial LuNAR is the most intelligent ceiling detector available on the market, using revolutionary technology with a mounting height of 8.6 meters (28 ft).

Industrial LuNAR is the only ceiling mount detector with Anti-Cloak™ Technology, (ACT™) that detects even during intruder camouflage attempts and in high room temperatures.

Industrial LuNAR has Intelligent Digital Signal Processing methods that **automatically adjust** the alarm threshold and pulse count verification according to actual intruder behavior and environmental factors, providing the best detection AND the best false alarm immunity available in the market.

Once you have installed the Industrial LuNAR, you can adjust and diagnose it remotely via one of two options:

- Using the unique bi-directional Infrared Remote Control
- When installed together with RISCO Group's **ProSYS Integrated Security System** - via the LCD keypad or Upload/Download software.



Optional Bi-directional Infrared Remote Control



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Industrial LuNAR Features

- Addressable Dual Technology detector with Anti-Cloak™ Technology
- Up to 8.6 m (28') mounting height
- 360° by 18m (60') diameter coverage pattern
- GreenLine for disabling the MW when the building is occupied
- Active IR Anti-masking
- Built-in triple EOL resistors, jumper selectable
- 3 independently adjustable PIR channels for customized coverage
- 3 tri-color LEDs for easy walk testing
- Intelligent Digital Signal Processing - alarm verification and decision thresholds adjusted according to environmental conditions and intruder crossing speed
- Reduced Power Consumption when connected to RISCO Bus



Did you know?

The Industrial LuNAR is the optimal solution for warehouse installations due to its mounting height, installation method and due to ACT™, which solves the issue of impaired PIR detection caused by higher temperatures common to warehouses.

Remote Control and Diagnostic Features*

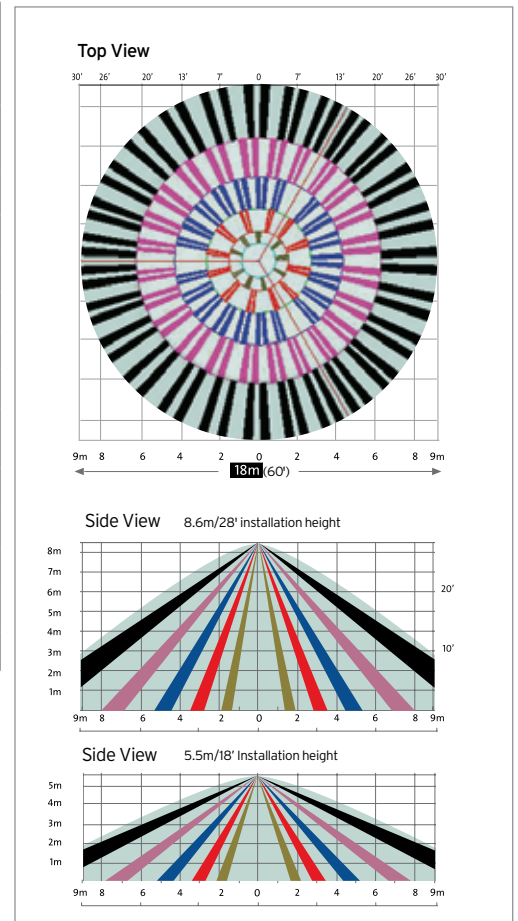
- Remote microwave adjustment enables one-man walk test without climbing ladders
- Diagnostics tools include detector input voltage reading and status of each PIR channel and the MW channel (signal voltage and noise levels)
- Remote display and control of detector settings: MW adjustment, ACT on/off, LEDs on/off
- Remote trouble indication (Pass/Fail) for the PIR, MW and power supply input.

* Via the ProSYS Upload/Download Software or the Bi-Directional Infrared Remote Control.

Technical Specifications

Coverage	360° by 18m (60') diameter: Coverage pattern consists of 192 fingers (96 fresnel facets) divided into 3 lens sections. Each lens section has 4 vertical positions for variable mounting height and customized coverage.
Variable Mounting Height	From 2.7m to 8.6m (9' to 28') 4 lens positions according to installation height.
Intruder Detection Method	Dual Technology (PIR+MW) with Anti-Cloak™ Technology
GreeLine Technology	✓
Anti-Mask	3 Active IR channels
Built-in EOL resistors	Triple EOL
True Temperature Compensation	✓
Operating Voltage	9 to 16 VDC
Current Consumption	20mA at 12VDC, 30mA at 16 VDC Maximum 50mA with all LEDs on
Optical Filtering for white light protection	PIR cover filter
RF immunity	40 V/m from 10MHz to 1GHz
Operating Temperature	-20° C to 55° C (-4° F to 131° F)
Storage Temperature	-20° C to 60° C (-4° F to 140° F)
Dimensions	99mm x 194mm (3.9" x 7.6")

Coverage Pattern



Complies with EN50131-2 Grade 3 requirements

Ordering Information

Model	Description
Ind LuNAR 200DTG3	Industrial LuNAR™ DT AM Grade 3
Ind LuNAR 200RC	Industrial LuNAR™ Remote Control



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