



# Industrial LuNAR

Taking Intelligence to New Heights

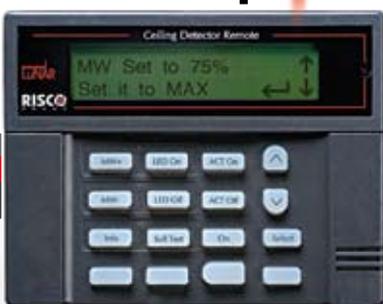
**Industrial LuNAR** is the most intelligent ceiling detector available on the market, using revolutionary technology with a mounting height of 8.6 meters (28 ft).

**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\*

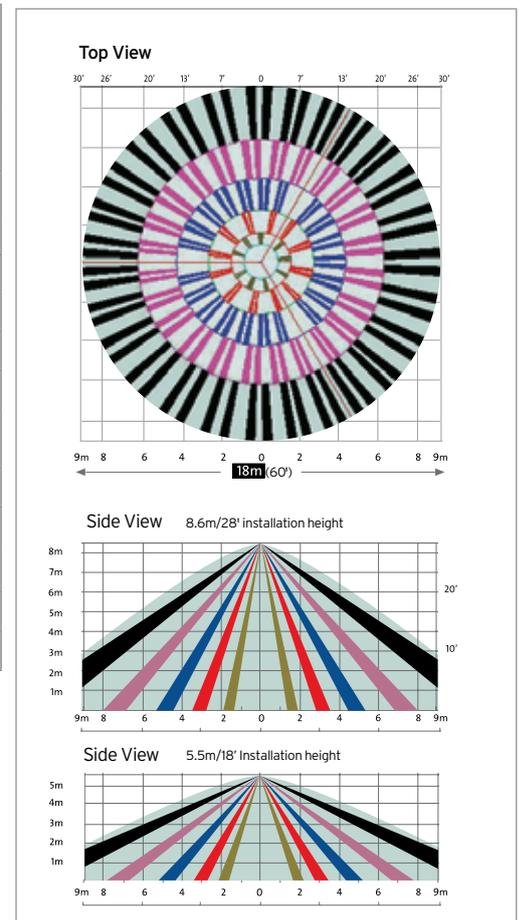
- Remote microwave adjustment enables one-man walk test without climbing ladders
- Diagnostics tools include detector input voltage reading and status of each PIR channel and the MW channel (signal voltage and noise levels)
- Remote display and control of detector settings: MW adjustment, ACT on/off,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