TM
act
**Anti-Cloak™
Technology**

Taking Intelligence to New Heights

8.6m

Industrial
LuNAR

Industrial LuNAR is the most intelligent ceiling detector available in 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 Rokonet's **ProSYS Integrated Security System** – via the LCD keypad or Upload/Download software.

UPLOAD DOWNLOAD
ROKONET
ProSYS

Ceiling Detector Remote
MW Set to 75%
Set it to MAX

Optional Bi-directional Infrared
Remote Control

ROKONET
R I S C O   G R O U P

Intelligence in the Service of Security

Industrial LuNAR Features

- Addressable Dual Technology detector with Anti-Cloak™ Technology
- Up to 8.6m (28') mounting height
- 360° by 22m (72') diameter coverage pattern
- 3 independentally 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 actual intruder behavior
- Reduced Power Consumption when connected to Rokonet's ProSYS

Remote Control and Diagnostic Features*

- Remote microwave adjustment enables one-man walk test without climbing ladders
- Diagnostic 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.

? Did you know?

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

Technical Information

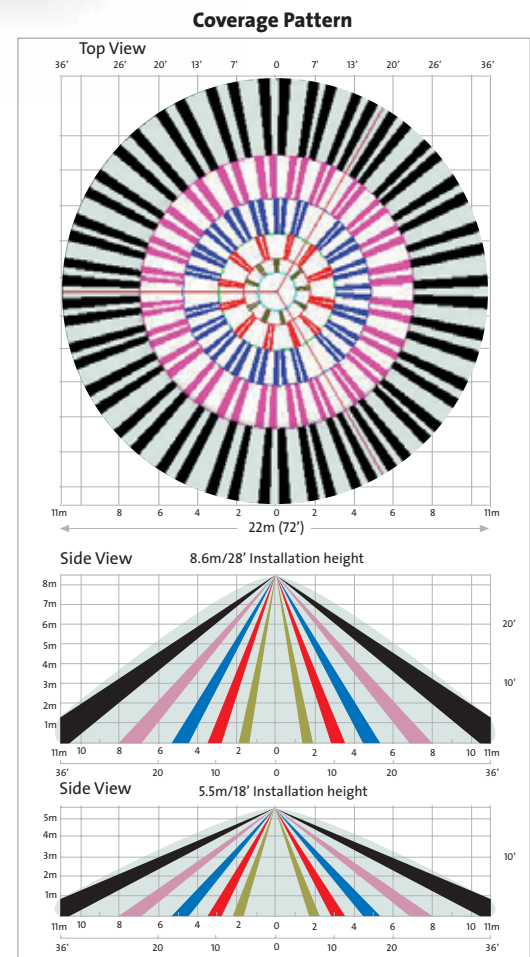| Specifications	
Coverage	360° by 22m (72') diameter Coverage pattern consists of 192 fingers (96 fresnel facets) divided into 3 lens sections. Each lens section has 4 adjustable vertical positions for variable mounting height and customized coverage.
Variable Mounting Height	From 2.7m to 8.6m (9' to 28') 4 lens positions according to installation height
RFI immunity	40 V/m from 10MHz to 1GHz
Operating Voltage	9 to 16 VDC
Current Consumption	20mA at 12VDC, 30mA at 16 VDC, Maximum 50mA with all LEDs on
Alarm Contact	NC, 100mA, 24 VDC (Form "C" Relay available)
Tamper Contact	NC, 500mA, 24 VDC
Alarm Time	2.2 seconds
Warm-up time	2 minutes
Optical Filtering for white light protection	Pigmented Fresnel lenses
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 (Height x Diameter)	99mm x 194mm (3.9"x 7.6")

Ordering Information

Part Numbers	Description
RK200DT00**xx**A	Industrial LuNAR DT Detector
RK200RC0000A	Industrial LuNAR Remote Control

xx select the microwave X-band frequency for your market according to the following list:
- 00   10.525 GHz for most countries
- UK   10.687 GHz for UK
- FR   9.9 GHz for France and Czech Republic
- DE   9.35 GHz for Germany

CE

© 4/2004 ROKONET Electronics Ltd.

Coverage Pattern

Top View

Side View   8.6m/28' Installation height

Side View   5.5m/18' Installation height

Complies with EN50131-2 requirements

7LF480Q B