

**Move to the LuNAR Grade 3 Generation !**

# LuNAR *GreenLine* DT AM

LuNAR Green Line DT AM detectors are the ultimate for professional 360° ceiling mount installations, incorporating both Anti-Mask and Anti-Cloak™ Technologies (ACT™), adhering to new environmentally friendly guidelines, and complying with PD6662, EN50131-1 Grade 3 and TS50131-2-4 requirements.

In response to the recent growth in environmental awareness, Rokonet has implemented a new “Green Line” concept in the LuNAR DT AM Grade 3, by effectively eliminating surplus MW radiation during unset periods.

LuNAR Green Line DT AM detectors have a slim, low-profile design and include built-in end-of-line (EOL) resistors to simplify installation.



**Green Line**

**EN50131-1  
GRADE 3**

**Main Features:**

- Dual MW & PIR Technologies
- Anti-Cloak™ Technology
- “Green” setting – MW disabled during unset
- Active IR Anti-Mask with separate relay
- Built-in EOL resistors, jumper selectable
- Cover and back tampers
- Opto-relays for low current consumption and long lifetime
- Remote and local self test
- Set and LED control inputs
- Superior fluorescent interference rejection



**ROKONET**  
R I S C O G R O U P

Intelligence in the Service of Security

## What is Green Line?

The Green Line is a new concept in detectors that follows environmentally friendly guidelines by avoiding surplus radiation emission. In Green Line detectors, the active MW channel can be disabled when the alarm system is in "unset" mode, thus eliminating surplus MW radiation while occupants are in the premises.

### Technical Specifications

	LuNAR Green Line DT AM
Intruder detection method	Combined PIR & Microwave with Anti-Cloak™ Technology
Coverage	13m (40') diameter at 4m (13'4") mounting height
Detection zones	60 zones; 30 Fresnel segments arranged in 3 optical levels: 12 external, 12 middle and 6 internal segments
Anti-Masking method	Active Infrared
Temperature compensation	Patented True Temperature Compensation, Microprocessor controlled
Trouble indication	Visual & separate AM / trouble relay
RFI immunity	30 V/m from 10MHz to 1GHz
Operating voltage	9-16 VDC
Current consumption at 12VDC	12mA typical, 39mA maximum with all 3 LEDs on
Alarm, Tamper and AM contacts	Opto relays, N.C., 100mA, 24VDC
Alarm time	2.2 sec. minimum
Optical filtering for white light protection	Pigmented PIR sensor cover
Operating temperature	-20° to 55° C (-4° to 131° F)
Storage temperature	-20° to 60° C (-4° to 140° F)
Dimensions (Diameter x Height)	135mm x 27mm (5.3" x 1.1")
Maximum recommended installation height	4m (13'4")

### Ordering Information

Part Number	Description
RK150DTG3xxA	LuNAR Green Line DT AM Grade 3

xx select the microwave frequency for your market according to the following list:

- 00 10.525 GHz for most markets
- UK 10.687 GHz for UK
- FR 9.9 GHz for France and Czech Republic
- DE 9.35 GHz for Germany

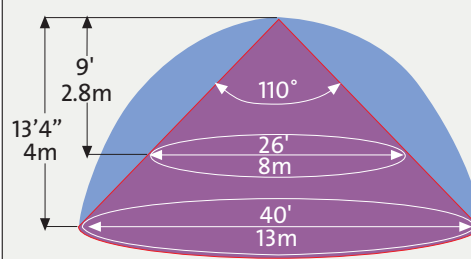
Meets the requirements of:

- EN50131-1 Grade 3
- PD6662 Grade 3
- TS50131-2-4 Grade 3
- Environmental Class 2

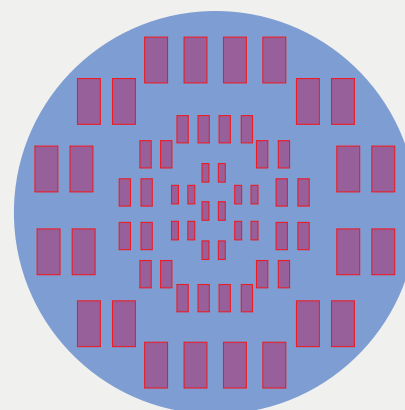


© 11/2005 ROKONET Electronics Ltd.

### LuNAR Green Line DT AM coverage patterns



Side View



Top View

- Microwave
- Infrared + Microwave

**ROKONET**  
R I S C O G R O U P

www.rokonet.com

**U.S.A. - Rokonet Industries U.S.A. Inc.**  
Toll Free: 1-800-344-2025, Tel: +305-592-3820, Fax: +305-592-3825, E-mail: sales@rokonetusa.com

**UNITED KINGDOM - Risco Group UK.**  
National Sales: 0870-60-510000, Fax: +44-161-6555501, E-mail: sales@risco.co.uk

**ITALY - Rokonet Electronics S.R.L.**  
Tel: +39-02-392-5354, Fax: +39-02-392-5131, E-mail: info@rokonet.it

**SPAIN - Rokonet Iberia S.L.**  
Tel: +34-91-490-2133, Fax: +34-91-490-2134, E-mail: sales@rokonet.es

**BRASIL - Rokonet Brasil Ltda.**  
Tel: +55-11-3661-8767, Fax: +55-11-3661-7783, E-mail: rokonet@rokonet.com.br

**ISRAEL - Rokonet Electronics Ltd.**  
Tel: +972(0)3-963-7777, Fax: +972(0)3-961-6584, E-mail: info@rokonet.co.il