

**iWISE Green Line takes Grade 3 one step further!**

# iWISE<sup>®</sup> GreenLine DT AM

The iWISE Green Line DT AM detectors are the ultimate motion detectors for professional installations, incorporating both Anti-Mask and Anti-Cloak™ Technologies (ACT™), adhering to new environmentally friendly guidelines and complying with PD 6662, EN 50131-1 Grade 3 and TS 50131-2-4 requirements.

In response to the recent growth in environmental awareness, Rokonet has implemented a new "Green Line" concept in the iWISE DT AM G3 series, by effectively eliminating surplus MW radiation during unset periods.

iWISE Green Line DT AM detectors are available in 15m and 25m models, and include built-in end-of-line (EOL) resistors to simplify installation.



#### Main Features:

- Dual MW & PIR Technologies
- Anti-Cloak™ Technology (ACT™)
- Coverage of 15m or 25m (50' or 82')
- "Green" setting – MW disabled during unset
- Active IR Anti-Mask with separate relay
- Built-in EOL resistors, jumper selectable
- 3 LED walk test indication
- Cover and wall tamper
- Opto-relays for low current consumption and long lifetime
- Remote and local self test
- Set and LED control inputs
- Creep zone
- High RF immunity 30V/m
- Anti-fluorescent interference signal processing
- Wall tamper proof swivel (optional)
- Corridor lens (optional)



**EN50131-1  
GRADE 3**

**ROKONET**  
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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 the 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

	iWISE Green Line DT AM 15m	iWISE Green Line DT AM 25m
Coverage	15m (50') 100°	25m (82') 85°
Variable mounting height	2.1m to 2.7m (6'11" to 8'10")	1.8m to 2.0m (5'11" to 6'7")
Intruder detection method	Combined PIR & Microwave with Anti-Cloak™ Technology	
Anti-Masking method	Active IR	
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 (HxWxD)	128 x 64 x 41mm (5.0 x 2.5 x 1.6")	



### Did you know?

- The greatest danger is from ongoing but low levels of radiation
- We have no way of avoiding RF radiation because it is invisible to us. However, we must be aware of it and try to minimize our exposure because RF radiation exists and is of great concern.

Taken from: <http://www.sfms.org/sfm/sfm301h.htm>  
SF Medical Society Magazine

### Ordering Information

Part Numbers	Description
RK815DTG3xxA	iWISE DT AM 15m
RK825DTG3xxA	iWISE DT AM 25m
RA91T000000A	iWISE wall swivel with back tamper
RA910000000A	iWISE wall/corner swivel
RA900000000A	iWISE ceiling swivel
RL 15V	Corridor lens for 15m model
RL 17V	Corridor lens for 25m model

xx select the microwave frequency for your market according to the following list:  
 00 10.525 GHz for most markets  
 UK 10.587 GHz for UK  
 FR 9.9 GHz for France and Czech Republic  
 DE 9.35 GHz for Germany

	iWISE Green Line DT AM 15m		iWISE Green Line DT AM 25m	
	Top view	Side view	Top view	Side view
<b>Wide Angle Lens</b>				
<b>Corridor Lens</b>				

Meets the requirements of:

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



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