

**iWISE DT AM takes Grade 3 one step further!**

# iWISE<sup>®</sup> DT AM G3

The iWISE DT AM G3 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, TS 50131-2-4 Grade 3 requirements.

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

iWISE DT AM G3 detectors are available in 15m and 25m models, and include built-in end-of-line (EOL) resistors to simplify installation. iWISE DT Grade 2 with Green Line & ACT™ are also available.



#### 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 defeating magnets
- 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 and Curtain lenses (optional)

**EN50131-1  
GRADE 3**

**RISCO**  
G R O U P

Creating Security Solutions.  
*With Care.*

**RKONET**

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## 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.

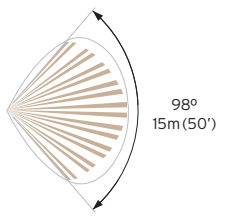
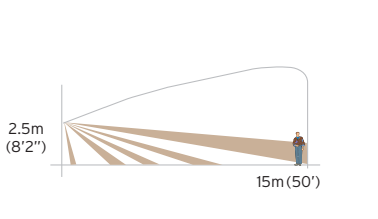
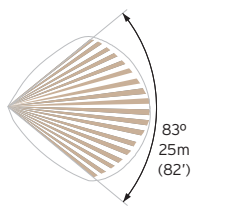
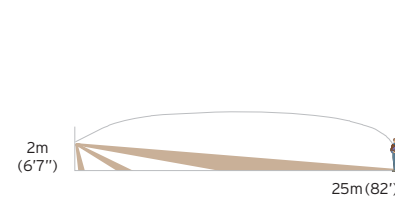
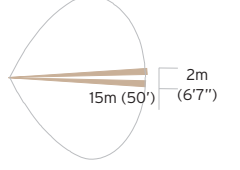
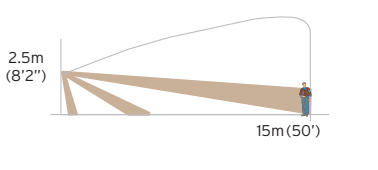
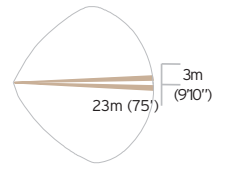
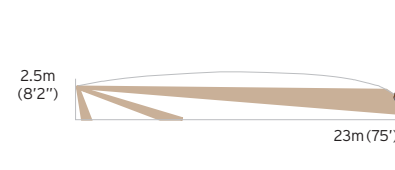
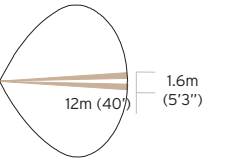
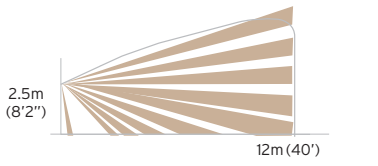
### Technical Specifications

	iWISE Grade 3 DT AM	iWISE DT
EN50131 Grade	Grade 3	Grade 2
Coverage	15m, 25m (50', 82')	10m, 15m, 25m (33', 50', 82')
Detection methods	Microwave +PIR	Microwave + PIR
Anti-Cloak™ Technology (ACT)	✓	✓
GreenLine Technology	✓	✓
Anti-Mask detection method	Active Infrared	-
Built-in EOL resistors	Triple EOL	Double EOL
True Temperature Compensation	✓	✓
Pet Friendly	-	-
Operating voltage: 9 to 16VDC	✓	✓
Output contacts: 100mA, 24V, N.C	Alarm, Tamper & Fault/AM	Alarm & Tamper
Optical filtering for white light protection	PIR cover filter	Pigmented Fresnel lens
RF immunity: 30V/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 (HxWxD)	128x64x46mm (5.0x2.5x1.84")	

### Ordering Information

Part Numbers	Description
RK815DTG3xxB	iWISE Green Line DT Grade 3 - 15m
RK825DTG3xxB	iWISE Green Line DT Grade 3 - 25m
RK810DTGLxxA	iWISE DT Green Line G2 - 10m
RK815DTGLxxA	iWISE DT Green Line G2 - 15m
RK825DTGLxxA	iWISE DT Green Line G2 - 25m
RA91T000000A	iWISE wall swivel with back tamper
RA910000000A	iWISE wall/corner swivel
RA900000000A	iWISE ceiling swivel
RL115CV	12m transparent Curtain lens for iWISE DT AM 15m Grade 3
RL15V	15m transparent Corridor lens for iWISE DT AM 15m Grade 3
RL17V	23m transparent Corridor lens for iWISE DT AM 25m Grade 3
RL115C	12m Curtain lens for iWISE DT 15m (10m range when used on iWISE DT 10m)
RL15	15m Corridor lens for iWISE DT 15m (10m range when used on iWISE DT 10m)
RL17	23m Corridor lens for iWISE DT 25m

xx select the microwave 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

	iWISE DT & DT AM 15m		iWISE DT & DT AM 25m	
	Top view	Side view	Top view	Side view
Wide Angle Lens				
Corridor Lens				
Curtain Lens			PD6662, EN 50131-1, TS50131-2-4 Grade 3, Environmental Class II	

Reduce maximum coverage to 10m (33') for iWISE DT 10m, in above coverage patterns.

  
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