

**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)

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*With Care.*

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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.

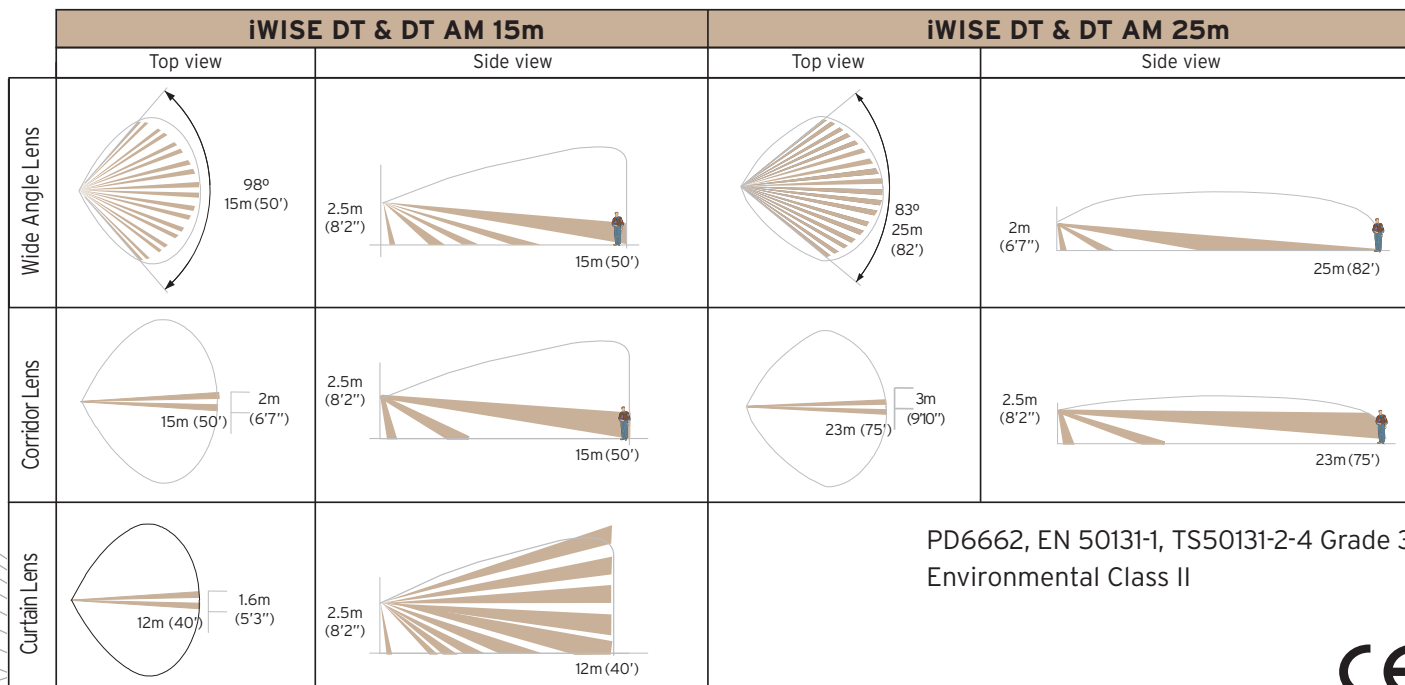
### Technical Specifications

|                                                          | 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



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

PD6662, EN 50131-1, TS50131-2-4 Grade 3,  
Environmental Class II



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