

# BWare™

Dual Technology  
Indoor Detector



BWare™ is RISCO Group's state-of-the-art commercial detector series. Powered by RISCO's detection technologies, these elegant and easy to install detectors are ideal for commercial, institutional and high-end residential installations. BWare™ is extremely reliable thanks to its usage of K-band microwave and other unique detection technologies.

## Main Features

- **NEW!** K-band microwave for superior performance and false alarm immunity
- **NEW!** Internal cover protecting the PCB
- **NEW!** Elegant sleek design with a single convex lens
- Dual MW and PIR technologies
- 15m (50') coverage
- Anti-Cloak™ technology (ACT™)
- Green Line™ for disabling the MW during disarm
- Active IR Anti-mask on Grade 3 models
- Built-in Triple EOL resistors, jumper selectable
- Opto relays for defeating large magnets
- Cover and wall/corner tampers
- Corridor and Curtain lenses (optional)

## Unique Technologies



### K-band Microwave

K-band microwave technology delivers sharper detection and uniform coverage of the detection area, through reduced wall penetration, minimizing false alarms from external movement.



### Anti-Cloak™ Technology

ACT™ enables Indoor DT detectors to identify cloaked burglars, generating superior catch performance by switching to microwave-only mode either when room temperature is close to body temperature or when a cloaking attempt is recognized.



### Green Line™ Technology

Green Line™ minimizes surplus radiation emission by disabling the active microwave channel when the alarm system is in disarm mode, while occupants are in the premises.



### Active Infra-red for Anti-mask in DT and PIR Detectors

Active IR continuously checks the physical capability of the detector to see through the lens.



### Intelligent Digital Signal Processing (DSP)

An advanced PIR signal processing technology for indoor detectors, DSP customizes the PIR-beam alarm threshold to the intruder speed.

Feature	BWare DT AM Grade 3	BWare DT Grade 2
Type	Indoor DT	Indoor DT
PD6662:2010, EN50131	Grade 3	Grade 2
RISCO Bus	Special BWare Bus models	Special BWare Bus models
Microwave	K-band	K-band
PIR sensor	Dual element	Dual element
Anti-Cloak™ technology	✓	✓
Green Line	✓	✓
Intelligent digital signal processing	✓	✓
Digital detector and true temperature compensation	✓	✓
Built-in EOL resistors, jumper selectable	✓	✓
Anti-mask method	Active IR	
Coverage	Wide angle 15m (50')	Wide angle 15m (50')
Optional lenses	Corridor lens 23m (75') Curtain lens 15m (50')	Corridor lens 23m (75') Curtain lens 15m (50')
Mounting height	2.1m-2.7m (6'11"-8'10")	2.1m-2.7m (6'11"-8'10")
Optional accessories	Swivel	Swivel
<b>Electrical</b>		
Current consumption	16mA at 12VDC (typical) 41mA at 12VDC (max.)	
Voltage requirements	9-16 VDC	
<b>Environmental</b>		
RF immunity	According to EN50130-4	
Operating temperature	-10°C to 55°C (14°F to 131°F)	
Storage temperature	-20°C to 66°C (-4F to 140°F)	
<b>Optical</b>		
Filtering	White light protection	
<b>Physical</b>		
Size	127.6x64.2x46.6 mm (5x2.5x18.4 in.)	
Weight	120 gr. (4.2 oz.)	

## Ordering information

Part Number	Description
RK515DTG3	BWare™ DT AM, Grade 3, 15m (50')
RK515DTGL	BWare™ DT, Grade 2, 15m (50')
RA51T000000A	BWare™ Wall/Ceiling Swivel