RISCO GROUP

MAXWELL SECURITY SYSTEM

BWare™ Professional Detector Series



BWare™, RISCO Group's state-of-the-art professional detector series, scores high points for its elegant and modern design in addition to its advanced technology and reliability.

Incorporating RISCO Group's unique Anti-Cloak™ Technology for detecting cloaked burglars, BWare™ DT also utilizes K-band microwave technology for reducing false alarms. The BWare™ Bus models save installation time and cost, and can be remotely serviced using the RISCO Bus.

The BWare™ series is ideal for a wide range of commercial and high security applications, with Grade 2 and Grade 3 versions of Dual Technology, QUAD and RISCO Bus models available.

BWare™ professional detectors provide professional installers with the ultimate choice for high-security commercial and residential installations. The wide selection of models offer the flexibility to choose the best fit for all installation types, whether for a bank, jewelry shop, office, or any other commercial or residential site.

The BWare™ professional detector series also utilizes several advanced technologies unique to RISCO Group for superior performance:

Grade 3 for increased security

BWare™ Grade 3 detectors meet and exceed EN50131 Grade 3 standards and include additional features that increase reliability and false alarm immunity.

Anti-Cloak™ Technology (ACT) for increased catch performance

Radically increases catch performance in situations where the PIR signal becomes too weak to detect an intruder such as when intruders attempt to "cloak themselves" or in a heat wave when the room temperature approaches 37°C.

RISCO Bus for faster, less costly installations

BWare™ Bus detectors are compatible with RISCO Bus installations which reduces total cable lengths, labor costs, physical zone expanders and on-site maintenance, saving valuable time and money. An extra zone input on BWare™ Bus models allows the convenient connection of any relay detector, saving on cabling back to the panel.

Convex Lens for enhanced performance

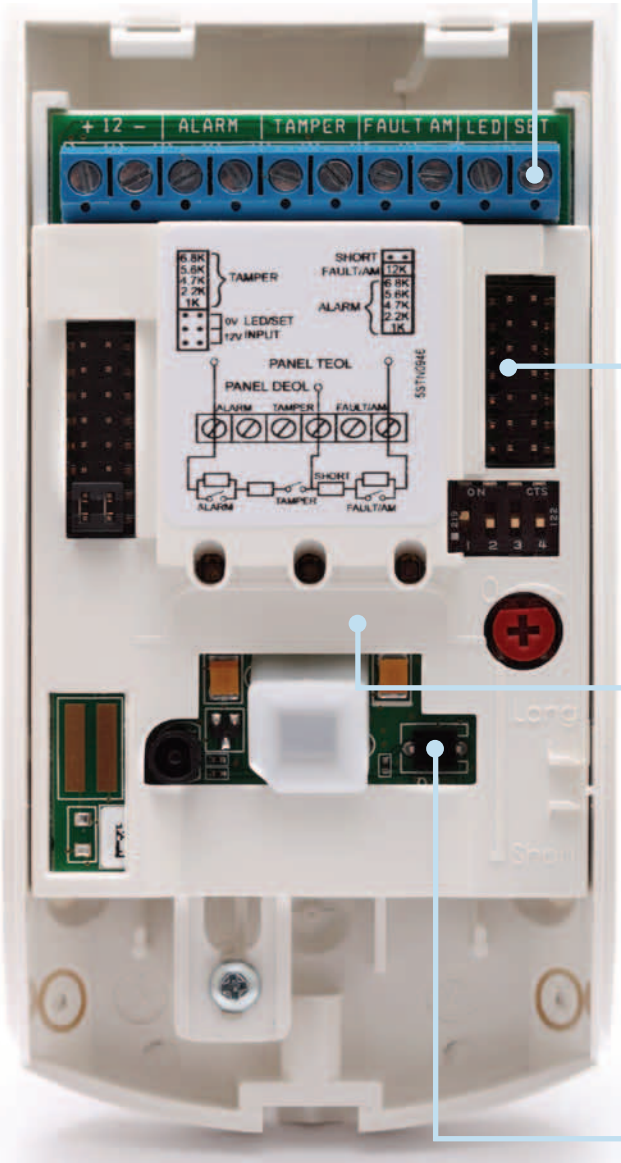
BWare™'s convex lens is superior as its larger size and convex shape allow more infrared radiation to enter the detector, improving focus on the sensor and enhancing performance and sensitivity.



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BWare™ detectors are available in the following models:

BWare™ Bus DT AM Grade 3 | BWare™ Bus DT | BWare™ Bus Quad AM Grade 3 | BWare™ Bus Quad |
BWare™ DT AM Grade 3 | BWare™ DT | BWare™ Quad AM Grade 3 | BWare™ Quad |



Green Line™ Technology for a safer environment

An environmentally friendly solution protecting occupants from surplus microwave radiation emissions by disabling the active microwave channel when the alarm system is disarmed.

Built-in EOL Resistors for ease of installation

BWare™ relay detectors include built-in end-of-line resistors eliminating the need for installers to attach resistors in the detector, simplifying the installation and saving time.

K-Band Microwave for minimizing false alarms

Dramatically reduces false alarms from the microwave channel with reduced wall penetration ("bleeding") so that people walking in a corridor outside the protected room do not cause false alarms.

Active IR Anti Mask

BWare™ Grade 3 detectors include Active IR technology which checks for deviations in lens transparency and reflections close to the lens. Active IR is the most reliable anti-mask method as it continuously checks the physical capability of the detector to see through the lens, for indicating masking and for canceling mask status.

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Technical Specifications

	BWare DT AM	BWare DT	BWare Quad AM	BWare Quad
EN50131	Grade 3, Class II	Grade 2, Class II	Grade 3, Class II	Grade 2, Class II
Coverage	15m (50') 90°	15m (50') 90°	15m (50') 90°	15m (50') 90°
Mounting Height	2.1m - 2.7m (7'–9')	2.1m - 2.7m (7'–9')	2.1m - 3.3m (7'–11')	2.1m - 3.3m (7'–11')
Detection Sensors	K-Band Microwave + PIR	K-Band Microwave + PIR	2 Dual Element PIRs	2 Dual Element PIRs
Anti-Cloak™ Technology (ACT)				
Lens type	Convex Fresnel Lens	Convex Fresnel Lens	Convex Fresnel Lens	Convex Fresnel Lens
Green Line™ Technology				
Anti-Mask detection method	Active Infrared	--	Active Infrared	--
Extra Zone Input for Bus models				
Built-in EOL resistors for Relay models	Triple EOL	Double EOL	Triple EOL	Double EOL
Tampers	Gold plated wall & cover tampers	Gold plated cover tamper	Gold plated wall & cover tampers	Gold plated cover tampers
LED & Set inputs				
White Light Optical Filtering	Pigmented PIR cover	Pigmented Fresnel lens	Pigmented PIR covers	Pigmented Fresnel lens
Temperature Compensation	Patented True Temperature compensation	Patented True Temperature compensation	Patented True Temperature compensation	Patented True Temperature compensation
Operating Voltage:	9 to 16VDC	9 to 16VDC	9 to 16VDC	9 to 16VDC
Current Consumption at 12VDC	16mA (typical) 39mA (max.)	16mA (typical) 39mA (max.)	14mA (typical) 34mA (max.)	14mA (typical) 34mA (max.)
Output Contacts: 100mA, 24V, N.C	Alarm, Tamper & Fault/AM	Alarm, Tamper	Alarm, Tamper & Fault/AM	Alarm, Tamper
RF immunity: 10MHz to 3GHz	According to EN50130-4	According to EN50130-4	According to EN50130-4	According to EN50130-4
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)	120x64x40mm	120x64x40mm	120x64x40mm	120x64x40mm

Ordering Information

	BWare DT AM	BWare DT	BWare Quad AM	BWare Quad
Relay Model	RK515DTG3	RK515DTGL	RK500Q0G3	RK500Q
RISCO Bus Model	RK515DTBG3	RK515DTBGL	RK500QBG3	RK500QB
Curtain Lens 12m (40'), 5°	3RL0024V	3RL0024H	-	-
Corridor Lens 17m (56'), 5°	3RL0025V	3RL0025H	-	-
Wall/Ceiling Swivel Bracket	RA51T	RA51T	RA51T	RA51T

Specifications subject to change without prior notice.

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