



BWare™ Smart Detector Series

Technical Specifications

	BWare DT AM	BWare DT	BWare Quad AM	BWare Quad
	Wireless BWare DT AM Wireless BWare DT AM Pet			Wireless BWare PIR Wireless BWare Pet
EN50131	Grade 3, Class II Grade 2 for Wireless models	Grade 2, Class II	Grade 3, Class II	Grade 2, Class II
Coverage	15m (50') 90° 12m (40') 90 for Wireless DT AM Pet	15m (50') 90°	15m (50') 90°	15m (50') 90° 12m (40') 90 for Wireless Pet model
Mounting Height	2.1m - 2.7m for wired models 1.8m - 2.5m for Wireless DT AM 1.8m - 2.5m for Wireless DT AM Pet	2.1m - 2.7m	2.1m - 3.3m	2.1m - 3.3m for wired models 1.8m - 2.1m for Wireless PIR 1.8m - 2.1m for Wireless Pet
Wireless Pet models	Pet friendly up to 36kg (80lb)	--	--	Pet friendly up to 36kg (80lb)
Detection Sensors	K-Band Microwave + PIR	K-Band Microwave + PIR	2 Dual Element PIRs	2 Dual Element PIRs for Quad model Dual Element PIR for Wireless models
Anti-Cloak™ Technology (ACT)	✓ Not applicable for wireless models	✓	--	--
Lens type	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 for relay models	✓		✓	
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 wired models:	9 to 16VDC			
Wired models Current Consumption at 12VDC	16mA (typical) 39mA (max.)	16mA (typical) 39mA (max.)	14mA (typical) 34mA (max.)	14mA (typical) 34mA (max.)
Output Contacts on relay models: 100mA, 24V, N.C	Alarm, Tamper & Fault/AM	Alarm, Tamper	Alarm, Tamper & Fault/AM	Alarm, Tamper
Wireless models power	2 x CR123A, 3V Lithium batteries (supplied) 3 years typical lifetime	--	--	2 x CR123A, 3V Lithium batteries (supplied) 3 years typical lifetime
RF immunity: 10MHz to 3GHz	According to EN50130-4			
Dimensions (HxWxD)	120x64x40mm	120x64x40mm	120x64x40mm	120x64x40mm

Ordering Information

	BWare DT AM	BWare DT	BWare Quad AM	BWare Quad
Relay Model	RK515DTG3	RK515DTGL	RK500QG3	RK500Q
RISCOBus Model	RK515DTBG3	RK515DTBGL	RK500QBG3	RK500QB
2-Way Wireless models	RWX515DT RWX515DTP Pet model	-	-	RWX515PR RWX515PT Pet model
Curtain Lens 12m (40'), 5°	3RL0024V	3RL0024H	-	3RL0024H Not applicable for QUAD models
Corridor Lens 17m (56'), 5°	3RL0025V	3RL0025H	-	3RL0025H Not applicable for QUAD models
Wall/Ceiling Swivel Bracket	RA51T Not for use with Pet models			

Specifications subject to change without prior notice.



For more information about the BWare™ Detector Series and RISCO Group's full product line, please visit riscogroup.com



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BWare™ Smart Detector Series



A Winner in Every Category



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

The BWare™ series offers a comprehensive array of wired, wireless and Bus detectors utilizing RISCO's industry-leading detection technologies, such as Anti-Cloak™ and K-band microwave for improved catch performance, including a unique wireless DT detector with active IR anti mask.

The BWare™ BUS models save installation time and cost, and can be remotely diagnosed and 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. The BWare™ smart detector family provides you with the flexibility to utilize professional detectors in any installation - wired, wireless or hybrid, while maintaining a uniform look across the site.



BWare™ smart detector line provides 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™ smart 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.



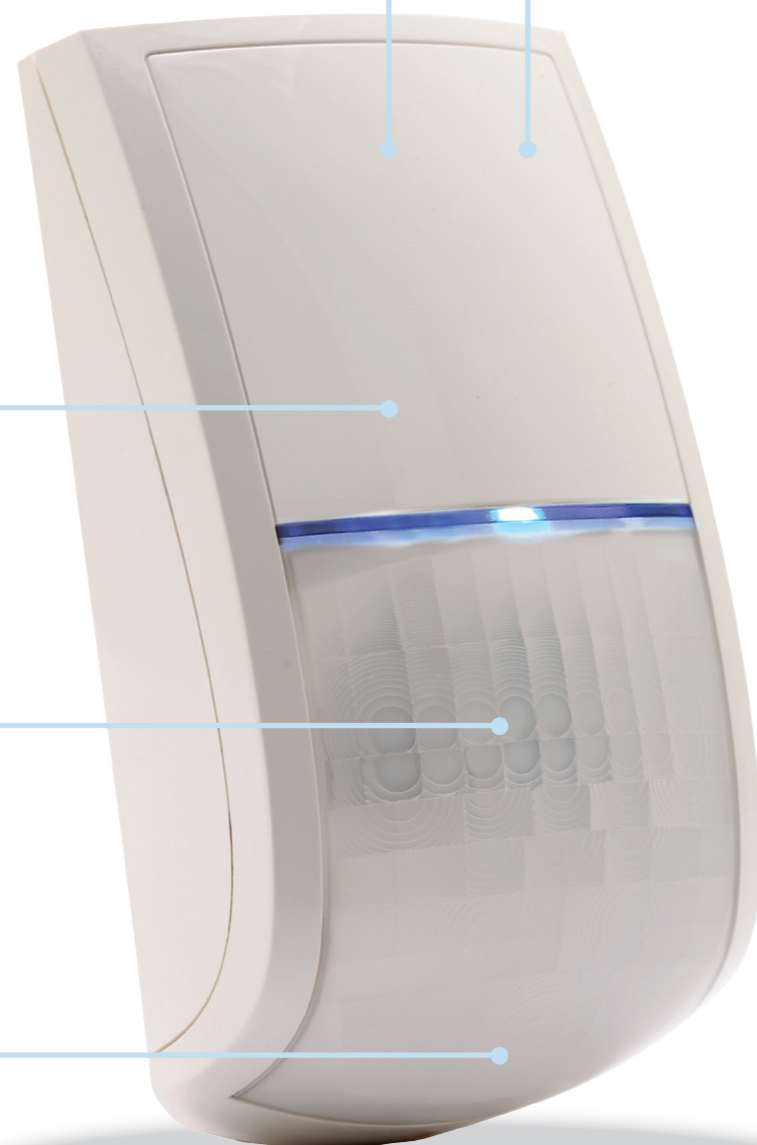
RISCO Bus for faster less costly installations

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.



BWare™ Bus and relay 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 |

Wireless BWare™ detectors are available in the following models:

2-Way Wireless BWare DT AM | 2-Way Wireless BWare DT AM Pet | 2-Way Wireless BWare PIR |
2-Way Wireless BWare Pet |



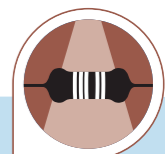
Wireless DT with Anti-mask for professional installations

Advanced dual technology of PIR and K-band microwave, with active IR anti-mask, for high security wireless and hybrid commercial installations.



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 and Wireless DT 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.

