

**High Standards,  
Wide Choice**

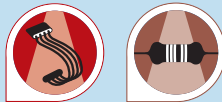


RISCO Group presents our wide range of professional Grade 3 indoor detectors which exceed industry standards. Our Grade 3 range, which is designed for the commercial and industrial markets, utilizes RISCO Group's unique detection technologies, offering increased reliability and false alarm immunity in even the most challenging environments and unceasingly providing the superior quality synonymous with the RISCO brand.



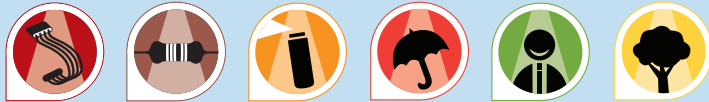
### Seismic Detector Grade 3

A heavy duty detector used to provide 24-hour protection of reinforced walls and doors such as those used in vaults, safes, ATMs, steel armored cabinets, and vending machines. The seismic detector with integrated Piezo and temperature sensors monitors the vibration and temperature of the protected surface and can detect all known types of intruder attacks such as those employing sledge hammers, diamond head drills, explosives, hydraulic pressure tools and thermal tools. The seismic detector is sold as a complete kit including mounting plate, test generator, anti-drilling shield and heavy duty installation bolts, providing a cost effective solution.



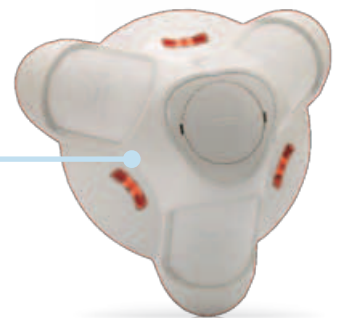
### WatchIN™ Industrial Grade 3 Detector

An industrial level detector with IP65 environment rating enabling installations in high humidity and other harsh environments such as production areas with operating machinery, construction sites, shipyards and hangars. WatchIN™ incorporates a wide range of technologies including Anti-Cloak™ and Sway Recognition™ that provide superior catch performance and immunity to false alarms even under the most challenging conditions.



### Industrial LuNAR™ Grade 3

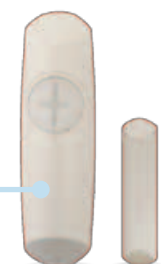
A ceiling mounted motion detector designed for commercial environments with high ceilings (up to 8.6m) such as warehouses, factories or shopping malls. The Industrial LuNAR™ provides 360° coverage of an enlarged protected area with three independently adjustable PIR channels enabling full coverage in environments with non-standard layouts as well as Anti-Cloak™ technology. A bi-directional remote control is available enabling control and diagnostics of the detector when mounted at a great height.



### ShockTec™ Grade 3 and ShockTec™ Plus Digital Shock Detectors

A powerful shock detector that detects the vibrations caused from forceful intrusion attempts and activates the alarm while the intruder is still outside. ShockTec™ can provide 24-hour protection for windows, doors, walls and roofs while allowing unrestricted movement throughout the premises and is also widely used to protect ATMs from theft and vandalism. Easy and customized calibration per installation using the tri-color LED with "over-sensitive" and "under-sensitive" indications.

ShockTec™ Plus model includes door/window contact providing two detectors in a single housing.





## LuNAR™ DT Grade 3

A low profile, ceiling mounted motion detector providing 360° coverage and used for professional installations where a ceiling mounted detector is preferred over a standard wall mounted detector. The LuNAR™ detector is dual tech, providing both microwave and PIR technologies and also employs Anti-Cloak™ technology, for increased catch performance.



## BWare™ Grade 3

A state-of-the-art detector series designed for commercial and high-end residential installations that combines an elegant design with RISCO Group's unique detection technologies including K-Band Microwave and Anti-Cloak™. Additional features include look-down zone and convex lens for increased catch performance, a protective PCB cover which ensures problem free installations and gold-plated wall and cover tamper which increase reliability. Available in DT, QUAD and Bus versions.



## iWise® Grade 3

A reliable and field proven dual technology motion detector series for professional installations that includes look-down zone for increased catch performance and incorporates both Anti-Mask and Anti-Cloak™ technologies for higher reliability. Available in DT, QUAD and Bus versions.



## RISCO Group's Unique Detection Technologies



### K-Band Microwave Technology

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.



### Sway Recognition™ Technology

Provides increased false alarm immunity for objects that move repetitively but don't travel such as ceiling fans or operating machinery.



### Anti-Cloak™ Technology

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.



### 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.



### Green Line™ Technology

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



### Active IR for Anti-Mask

The most reliable anti-mask method which continuously checks the physical capability of the detector to see through the lens, even in disarm mode.



### RISCO Bus

RISCO Bus installations reduces total cable lengths, labor costs, physical zone expanders and on-site maintenance, saving valuable time and money.

Grade 3 Motion Detector Feature Table

	BWare™ DT AM Grade 3	BWare™ QUAD AM Grade 3	iWISE® DT AM Grade 3	iWISE® QUAD AM Grade 3	WatchIN™ DT Grade 3	Industrial LuNAR™ Grade 3	LuNAR™ DT Grade 3
Type	Commercial DT	Commercial QUAD	Commercial DT	Commercial QUAD	Industrial DT IP 65	Industrial DT High Ceiling	Commercial Ceiling DT
RISCO Bus	Special BWare™ Bus models		Special iWise® Bus models		√	√	
Microwave	K-band		X-band		X-band, 2 channels	X-band	X-band
PIR sensor	Dual element	2 dual elements	Dual element	2 dual elements	2 dual elements, 2 separate lenses	3 dual elements, 3 separate lenses	Dual element
Sway Recognition™ Technology					√		
Anti-Cloak™ Technology	√		√		√	√	√
Green Line™	√		√		√	√	√
Intelligent Digital Signal Processing	√	√	√	√	√	√	√
Digital detector and true temperature compensation	√	√	√	√	√	√	√
Built-in EOL resistors	√	√	√	√	√	√	√
Anti-mask method	Active IR	Active IR	Active IR	Active IR	4 active IR channels	3 active IR channels	Active IR
Coverage & lenses supplied	Wide angle 15m (50')	Wide angle 15m (50')	Wide angle 15m, 25m (50', 82')	Wide angle 15m (50')	Wide angle: 25m (83') 90° Barrier: 27m (88') 5°	360° 18m (60') diameter	360° 12m (40') diameter
Mounting height	2.1m-2.7m (7'-9')	2.1-3.3m (7'-11')	2.1m-2.7m (7'-9')	2.1-3.3m (7'-11')	2.4m-3.7m (7'10"-12'2")	2.7m-8.6m (9'-28')	2.8m-4m (9'-13')

Ordering Information

RK515DTG3	BWare™ DT AM Grade 3
RK515DTBG3	BWare™ Bus DT AM Grade 3
RK500Q0G3	BWare™ QUAD AM Grade 3
RK500QBG3	BWare™ Bus QUAD AM Grade 3
RK815DTG3	iWISE® DT AM Grade 3, 15m
RK825DTG3	iWISE® DT AM Grade 3, 25m
RK800Q0G3	iWISE® QUAD AM, Grade 3
RK815DTBG3	iWISE® Bus DT AM Grade 3, 15m
RK825DTBG3	iWISE® Bus DT AM Grade 3, 25m
RK800QBG3	iWISE® Bus QUAD AM, Grade 3
RK325DT	WatchIN™ Grade 3 DT AM
RK200DTG3	Industrial LuNAR™ DT AM Grade 3
RK150DTG3	LuNAR™ DT AM Grade 3
RK66S	Seismic Detector, c/w mounting plate & test generator
RK600S0G3	ShockTec™ Grade 3 Shock Detector
RK601SMG3	ShockTec™ Plus Grade 3 with door contact

About RISCO Group

RISCO Group is a proven leader in the manufacturing and marketing of end-to-end solutions for the professional security market.

RISCO Group produces high quality and reliable security products for every type of security installation; from intrusion alarm systems for residential and commercial installations including a full range of accessories to large scale access control and integrated security and building management platforms.

RISCO Group is an international company with regional offices around the globe and serving millions of satisfied customers worldwide.

For more information on RISCO Group's wide range of Grade 3 detectors, please visit [riscogroup.com](http://riscogroup.com)

