

# Don't Settle for Anything Less Than the Best



## RISCO Group's Grade 3 detectors EXCEED PD6662 and EN50131-1 requirements

Whether the application is industrial, commercial or institutional, RISCO Group's Grade 3 detectors provide a reliable and outstanding solution. Advanced technology, optics and intelligence produce the best performing and easy to install Grade 3 detectors for your needs.



**RISCO**  
G R O U P

Creating Security Solutions.  
*With Care.*

[riscogroup.com](http://riscogroup.com)



## WatchIN™ Industrial Grade 3 Detector

Provides superior catch performance and immunity to false alarms, especially in extremely harsh environments such as production areas with operation machinery, construction sites, shipyards and hangars.

- 2 Microwave and 2 PIR channels
- Active IR for Anti-Mask
- Coverage 25m (82') wide-angle
- Sway Recognition Technology for eliminating false alarms from objects that move repetitively but don't travel
- MW Anti-Collision allows back-to-back or face-to-face installations
- Rubber seal provides IP65 environment rating:
  - Allows installation in high humidity areas such ocean swept open hangars
  - Eliminates ingress of dust particles common in industrial sites
- White light filters eliminate false alarms from headlights or sun rays reflected from metal objects in production or warehouse areas
- Operation temperature -30°C to + 60°C (-22°F to 140°F)
- Includes standard swivel and replacement barrier lens 27m (88')
- Remote Control & Diagnostics via ProSYS Bus
- Built-in EOL resistors, jumper selectable
- Optional internal camera

RK325DT00xxA	WatchIN Grade 3 DTAM c/w Standard Swivel and Barrier replacement lens
RA300B00000A	Barrier bracket (for installation 90° to wall)
RA300P00000A	Pole adaptor
RA300C00000A	Conduit adaptor (for use when wiring is external to wall, or with pole adaptor when wiring is external to pole)
RA300SC0000A	Swivel Metal Conduit (for use when wiring is external to wall with standard swivel)

### Sway Recognition Technology

Sway Recognition Technology uses two microwave channels to recognize and exclude objects that move repetitively but don't travel, such as machinery parts or moving blinds.



## Industrial LuNAR™ Grade 3

### Taking Intelligence to New Heights!

The most intelligent ceiling mount detector available on the market - with a unique bi-directional remote control and mounting height up to 8.6m (28').

- Addressable Dual Technology with Anti-Cloak Technology (ACT™)
- Up to 8.6m(28') mounting height
- 360° by 18m (60') diameter coverage pattern
- 3 independently adjustable PIR channels for customized coverage
- Active IR Anti-Mask on all three lenses
- GreenLine for disabling the MW during disarm
- Remote control and diagnostics via ProSYS upload/download software or via a Bi-directional Remote Control
- Built-in EOL resistors, jumper selectable

RK200DTG3xxA	Industrial LuNAR Grade 3 with ACT and GreenLine
RK200RC0000A	Industrial LuNAR Remote Control

### Anti-Cloak™ Technology

For detecting cloaked burglars in DT Detectors. Anti-Cloak Technology (ACT™) is a patent-pending innovation that provides the benefits of dual technology while avoiding its drawbacks.

### Green Line Technology

Environment friendly technology for DT detectors. The Green Line follows environmentally friendly guidelines by avoiding surplus radiation when building is occupied.



## LuNAR™ LuNAR DT Grade 3

The ideal solution for areas in which wall and corner mounting is unsuitable.

- 360° Low Profile Ceiling Mount Grade 3
- Dual MW and PIR technologies
- Anti-Cloak Technology (ACT™)
- GreenLine for disabling the MW during disarm
- Active IR Anti-Mask
- Built-in EOL resistors, jumper selectable
- Cover and back tamper
- Low profile design

RK150DTG3xxA	LuNAR DTAM Grade 3 with ACT and GreenLine
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### Active IR for Anti-mask in DT and PIR detectors

Provides higher immunity to false masking alarms and enhanced security. Active IR technology checks for deviations in lens transparency and reflections close to the lens.

### Intelligent Digital Signal Processing

Provides real-time adaptation of the alarm threshold according to the speed that an intruder crosses the PIR beams, rather than a factory-fixed threshold.



## iWISE® iWISE DT AM Grade 3

iWISE DT AM detectors and the ultimate motion detectors for professional installations, incorporating both Anti-Mask and Anti-Cloak Technologies and installed in thousands of locations worldwide.

- Dual MW and PIR technologies
- 15m or 25m models (50' or 82')
- Anti-Cloak Technology (ACT™)
- GreenLine for disabling the MW during disarm
- Active IR Anti-Mask
- Built-in EOL resistors, jumper selectable
- Cover and wall/corner tamper
- Corridor and Curtain lenses (optional)

## iWISE® iWISE QUAD AM Grade 3

iWISE QUAD AM has two independent dual element PIR sensors and digital processing channels providing the highest level of catch performance and false alarm immunity.

- Two dual-element PIR sensors
- Coverage 15m (50')
- Two independent digital signal processing channels
- Active IR Anti-mask
- Built-in EOL resistors, jumper selectable
- Cover and wall/corner tamper

## iWISE® iWISE QUADSEQ

A unique Grade 3 Solution for Sequential Confirmation, iWISE QUADSEQ is designed to meet UK ACPO DD243 requirements.

- Two PIR detectors in a single housing with separate alarm outputs
- Two non-overlapping coverage patterns
- Coverage 12m (40')
- Active IR Anti-mask
- Built-in EOL resistors, jumper selectable

RK815DTG3xxB	iWISE DTAM Grade 3 - 15m (50')
RK825DTG3xxB	iWISE DTAM Grade 3 - 25m (82')
RK800QG300B	iWISE QUAD AM - Grade 3
RK800QS000A	iWISE QUADSEQ Grade 3
RK815DTB0xxA	iWISE Bus DTAM Grade 3 - 15m (50')
RK825DTB0xxA	iWISE Bus DTAM Grade 3 - 25m (82')
RK800QB000A	iWISE Bus QUAD AM Grade 3
RA91T000000A	iWISE wall swivel with back tamper
RA91O000000A	iWISE wall/corner swivel/ Bracket
RA900000000A	iWISE ceiling swivel/ Bracket

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  
Applies to all DT detectors in this brochure.



## ShockTec™ Plus Digital Shock Detectors with Magnetic Contact

- Provides reliable perimeter shock protection
- 24 hour protection for windows, doors, walls and roofs
- Digital Microprocessor with Intelligent Digital Signal Processing
- Gross Attack detection
- Comes with Internal magnetic reed switch for double (shock and contact) protection (ShockTec Plus model only)
- Attempts to defeat the Magnet contact with large magnets cause a tamper alarm (ShockTec Plus model only)

RK600S00000A	ShockTec (white) Grade 3
RK600S0BR00A	ShockTec (brown) Grade 3
RK601SM0000A	ShockTec Plus Grade 3 with Magnetic Contact (white)
RK601SMBR00A	ShockTec Plus Grade 3 with Magnetic Contact (brown)

## iWISE® Bus

These unique iWISE models are designed for installation as addressable detectors on the ProSYS Bus and include an extra relay zone input

- Remote Control & Diagnostics from RISCO Group's Upload/Download software or the system keypad
- Each iWISE Bus detector includes an additional zone input for convenient connection of a contact or any relay detector-saving on wiring back to the panel
- The extra relay detector can be assigned to any zone number in the panel and terminated as NC, NO, EOL, DEOL, etc.
- Same performance as iWISE Grade 3 DT AM and iWISE Grade 3 QUAD AM

### Bus Installation together with ProSYS

Install Addressable Grade 3 detectors on the Bus of RISCO Group's ProSYS Integrated Security Systems and enjoy additional benefits:

- Remote Control of detector parameters
- Advanced Remote Diagnostics
- Save on wiring costs and installation time with shorter cabling lengths



## ViTRON™ Acoustic Glass Break Detectors

ViTRON uses unique pattern recognition analysis of characteristic combined and sequences of framed pane glass breakage, providing superior detection combined with excellent false alarm immunity. These adjustment-free and easy-to-install units detect breaking of all standard framed glass types and thickness while ignoring non-framed glass breakage and other possible sources of false alarms.

- Provides reliable perimeter glassbreak detection
- Detects breakage of all glass types: plate, tempered, laminated and wired
- Microprocessor-based Dual Frequency Pattern Recognition
- 9m (30') range with omni-directional microphone
- Test using ViTRON Tester

RG6100G300A	ViTRON 9m (30') Grade 3
RG71FM0G300A	ViTRON Plus 9m (30') Grade 3
RG65	ViTRON Tester
RA66	ViTRON Swivel/Bracket



## Grade 3 Motion Detector Feature Table

	WatchIN	Industrial LuNAR Grade 3	LuNAR DT AM Grade 3	iWISE DT AM Grade 3	iWISE QUAD AM Grade 3
PD6662, EN50131-1, EN50131-2-x	Grade 3	Grade 3	Grade 3	Grade 3	Grade 3
Sway Recognition Technology	✓	-	-	-	-
Anti-Cloak™ Technology (ACT™)	✓	✓	✓	✓	-
Intelligent Digital Signal Processing - Frequency Compensation	✓	✓	✓	✓	✓
Digital Detector and True Temperature Compensation	✓	✓	✓	✓	✓
RISCO Group Systems Addressable Bus Detector	✓	✓	-	Special Model	Special Model
Built-in EOL Resistors	Triple EOL	Triple EOL	Triple EOL	Triple EOL	Triple EOL
PIR Sensor	2 Dual Elements with separate lenses	3 Dual Elements	Dual Element	Dual Element	2 Dual Elements
Anti-Mask method	4 Active IR channels	3 Active IR channels	Active IR	Active IR	Active IR
Special	2 MW channels & 2 PIR channels	8.6m (28') ceiling	GreenLine ACT	GreenLine ACT	2 separate PIR
Coverage Range	25m (82')	18m (60') diameter	13m (43') diameter	15m, 25m (50',82')	15m (50')
Coverage Angle (degrees)	90°	360°	360°	100°, 85°	100°
Mounting Height	2.4m-3.7m (7'10"-12')	2.7m-8.6m (9'-28')	2.8m-4m (9'-13')	2.1m-2.7m (7'-9')	2.1m-3.3m (7'-11')



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UK Tel:+44-161-655-5500 Fax:+44-161-655-5501 E-mail: sales@riscogroup.co.uk

ITALY Tel:+39-02-66590054 Fax:+39-02-66590055 E-mail: info@riscogroup.it

SPAIN Tel: +34-91-490-2133 Fax: +34-91-490-2134 E-mail: sales-es@riscogroup.com

FRANCE Tel: +33-164-73-28-50 Fax: +33-164-73-28-51 E-mail: sales-fr@riscogroup.com

BELGIUM Tel: +32-2522-7622 Fax: +32-2524-4929 E-mail: sales-be@riscogroup.com

U.S.A. Toll Free: 1-800-344-2025 Tel:+305-592-3820 Fax:+305-592-3825 E-mail:sales-usa@riscogroup.com

BRAZIL Tel:+55-11-3661-8767 Fax:+55-11-3661-7783 E-mail: sales-br@riscogroup.com

CHINA Tel: +86-21-52390066 Fax: +86-21-62400560 E-mail: sales-cn@riscogroup.com

POLAND Tel: +48-22-500-28-40 Fax: +48-22-500-28-41 Email: poland@riscogroup.com

ISRAEL Tel: +972-3-963-7777 Fax: +972-3-961-6584 E-mail: info@riscogroup.com

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