

| Specifications                 | RK810DT                                   | RK815DT/DTQ                       | RK825DT                         |
|--------------------------------|---|-----------------------------------|---------------------------------|
| Coverage pattern               | 10m (33')<br>100°                         | 15m (50')<br>100°                 | 25m (82')<br>85°                |
| Mounting height                | 2.1m to 3.3m<br>(6'11" to 10'10")         | 2.1m to 3.3m<br>(6'11" to 10'10") | 1.8m to 2.0m<br>(5'11" to 6'7") |
| Operating voltage              | 9 to 16 V regulated                       |                                   |                                 |
| Electrical current consumption | 19mA at 12V                               |                                   |                                 |
| Alarm contact                  | 100mA, 24V, N.C.                          |                                   |                                 |
| Tamper contact                 | 100mA, 24V, N.C.                          |                                   |                                 |
| Alarm time                     | 2.2 seconds minimum                       |                                   |                                 |
| ACT™ mode selection            | ACT™ (Anti-Cloak™ Technology) ON/OFF      |                                   |                                 |
| Optical filtering              | White light protection, pigmented lens    |                                   |                                 |
| RF immunity                    | 30V/m (40V/m for DT Quad)                 |                                   |                                 |
| Operating temperature          | -20° to 55° C (-4° to 131° F)             |                                   |                                 |
| Storage temperature            | -20° to 60° C (-4° to 140° F)             |                                   |                                 |
| Dimensions                     | 127.6 x 64.2 x 40.9 mm (5.0 x 2.5 x 1.6") |                                   |                                 |

### Anti-Cloak™ Technology

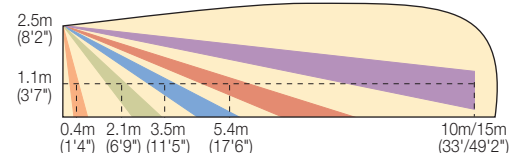
The proprietary Anti-Cloak™ Technology will cope with any attempt of a burglar using camouflage techniques to conceal his IR radiation. When this situation is identified ACT™ automatically switches the detector to trigger alarms based primarily on detection from the microwave channel for a predefined window of time. This extraordinary performance is achieved by unique analysis of the signals in the microprocessor using innovative algorithms. The technology enables the detector to achieve extremely high detection performance and still cope with all sources of false alarms such as thermal or electrical interferences.

ACT™ also overcomes PIR technology's limitation of poor detection sensitivity when the ambient temperature is close to that of the human body. When this occurs the detector switches to single channel microwave triggering of alarms.

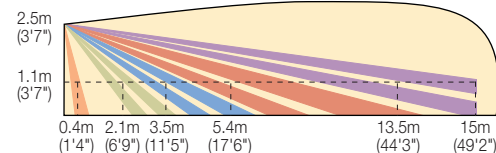
For extremely harsh environments the iWISE DTQ dual technology model with quad PIR sensors is recommended.



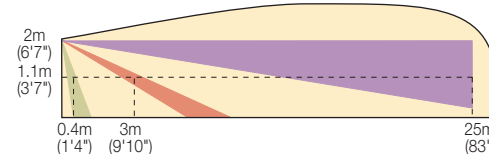
### Wide Angle lens for RK810DT/815DT



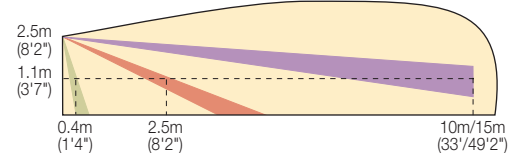
### Wide Angle lens for RK815DTQ



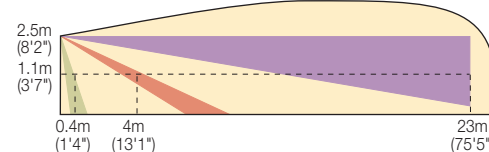
### Wide Angle lens for RK825DT



### Optional Corridor lens for RK810DT/815DT



### Optional Long Range lens for RK825DT



### iWISE DT/DT QUAD ordering information

|              |   |
|--------------|---|
| RK810DT0000A | iWISE DT 10m 10.525GHz                    |
| RK815DT0000A | iWISE DT 15m 10.525GHz                    |
| RK825DT0000A | iWISE DT 25m 10.525GHz                    |
| RK815DTQ000A | iWISE DT QUAD 15m 10.525GHz               |
| RK810DT00UKA | iWISE DT 10m 10.687GHz UK                 |
| RK815DT00UKA | iWISE DT 15m 10.687GHz UK                 |
| RK825DT00UKA | iWISE DT 25m 10.687GHz UK                 |
| RK815DTQ0UKA | iWISE DT QUAD 15m 10.687GHz UK            |
| RK810DT00FRA | iWISE DT 10m 9.9GHz France                |
| RK815DT00FRA | iWISE DT 15m 9.9GHz France                |
| RK825DT00FRA | iWISE DT 25m 9.9GHz France                |
| RK815DTQ0FRA | iWISE DT QUAD 15m 9.9GHz France           |
| RA91T000000A | iWISE/COSMOS wall swivel with back tamper |
| RA910000000A | iWISE/COSMOS wall/corner swivel           |
| RA900000000A | iWISE/COSMOS ceiling swivel               |
| RL15         | Corridor lens for RK810DT/815DT           |
| RL17         | Long range lens for RK825DT               |

**ROKONET**  
R I S C O G R O U P

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Dual Technology Motion Detectors with Anti-Cloak™ Technology

# iWISE DT/DT QUAD

iWISE dual technology detectors incorporating patent pending Anti-Cloak™ Technology (ACT) assure that no intruder will pass undetected. Anti-Cloak™ Technology is a significant breakthrough in asset protection, which in today's world requires superior detection techniques. The innovation of Anti-Cloak™ Technology is criteria driven switching from dual-channel to single-channel alarm triggering and back. Rokonet's unique Anti-Cloak™ Technology enables benefiting from both worlds: dual technology's immunity to false alarms, together with the higher detection capabilities of the microwave channel. ACT™ makes the iWISE detector series the premier choice for any commercial, industrial or harsh residential installation.



- MW & PIR/Quad PIR technologies
- Anti-Cloak™ Technology (patent pending)
- Coverage up to 25m (82 ft)
- Trouble indication
- Creep zone
- Microwave range adjustment
- Flexible installation height up to 3.3m (10'10")
- Low current consumption
- 30V/M RF immunity
- Anti-fluorescent interference signal processing
- Wall/corner or ceiling swivel (optional)
- Wall tamper-proof swivel (optional)
- Long range lens (optional)