Product Specifications

Specifications	RK811DT	RK815DT	RK815DTQ	RK815DT-AM	RK825DT
Ordering Code:	S1102	S4864	S4865	S1953	S4866
Coverage Pattern:	8m (Pet mode)/11m range 90° field of view	15m range 100° field of view	15m range 100° field of view	15m range 100° field of view	25m range 85° field of view
Mounting Height:	2.4 (Pet mode)/2.1m	2.1m - 3.3m	2.1m - 3.3m	2.1m - 3.3m	1.8m - 2.0m
Operating Voltage: 9 to 16VDC regulated	•	•	•	•	•
Electrical Current Consumption:	17mA @ 12V	19mA @ 12V	19mA @ 12V	12mA @ 12V	19mA @ 12V
Alarm & Tamper Contact:	N.C. 50mA 24VDC max.	N.C. 100mA 24VDC	N.C. 100mA 24VDC	N.C. 100mA 24VDC	N.C. 100mA 24VDC
2.2 Second Min Alarm Time:	•	•	•	•	•
ACT™ On/Off Selector:	N/A	•	•	•	•
Optical Filtering for White Light Protection:	Pigmented Lens	Pigmented Lens	Pigmented Lens	Pigmented Lens	Pigmented Lens
RF Immunity:	30V/m	30V/m	40V/m	30V/m	30V/m
Operating Temperature :	0° - 55°C	-20° - 55°C	-20° - 55°C	-20° - 55°C	-20° - 55°C
Storage Temperature:	-20° - 60°C	-20° - 60°C	-20° - 60°C	-20° - 60°C	-20° - 60°C
Dimensions: 128mmH x 64mmW x 41mmD	•	•	•	•	•

The **family** of **sensors** you can **trust**

Distributed in New Zealand by:

Hills Electronic Security New Zealand

Distributed in Australia by:

DAS DIRECT ALARM SUPPLIES

A **Hills** Company

H00900210W

iWISE Dual Technology & ACT™

Dual Technology
Dual technology detectors use a combination of passive Infra-red and active microwave detection to offer a far lower false alarm rate than either of the two sensors independently.

ACT™
ACT™ (Anti-Cloak™ Technology) deals with the reduced Infra-red (IR) signals caused by an intruder trying to cloak or screen themselves, or when ambient temperature approaches body temperature.

ACT™ uses a unique method of IR pattern recognition to determine whether to switch for a brief pre-defined period from dual channel passive infra-red (PIR)/microwave to single channel microwave to detect the moving intruder.

At all other times, the iWISE performs as a normal dual technology detector requiring both the PIR and microwave to detect an alarm.

The innovative ACT™ provides the benefits of both worlds: Dual technology's high level of immunity to false alarms, together with microwave's higher detection capability.

All sensors in the iWISE family feature Dual Technology, and all except the RK811DT feature ACT™, for the ultimate in security and peace of mind.

iWISE Quad Technology

Quad sensors feature two separate signal channels that must be simultaneously triggered to activate an alarm; it's like having two Passive Infra Red (PIR) detectors in the one sensor.

In order to trigger an alarm, both detectors need to see the same intruder image.

This makes for an extremely stable sensor with minimal false alarms.

Quad technology is available on the iWISE RK815DTQ.

Protection With a Touch of Style

If you're making a decision to invest in the safety of your home or business, you are looking for an alarm system that will meet all your security requirements, without interrupting your lifestyle or working environment and straining your bank balance.

How does a security system know when an intruder is in your premises? It uses several strategically positioned motion sensors to detect the movement of a person as they cross through the sensor's field of view. The sensors automatically send a signal to alert that someone is inside the building.

Essentially, your security system is only as good as the sensor you choose to work with it. That's why we offer you the most advanced motion sensors, especially designed to protect your premises.

The iWISE family of sensors offer superior protection at an attractive and affordable price. With four models to choose from, you can easily mix 'n' match sensor types and ranges to cater to your particular requirements, whilst still maintaining a uniform appearance that won't detract from the interior decor.
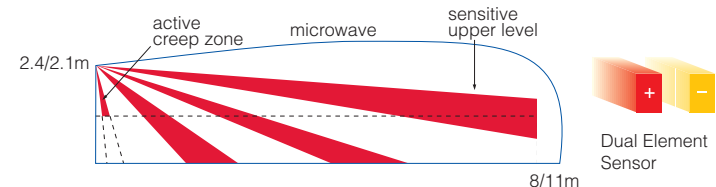
Flexibility and Versatility

The iWISE series of sensors offers wall and ceiling brackets for optimal mounting, giving you complete flexibility and versatility for every type of application.

You can have the sensor mounted at the right height and angle to maximize protection and coverage.
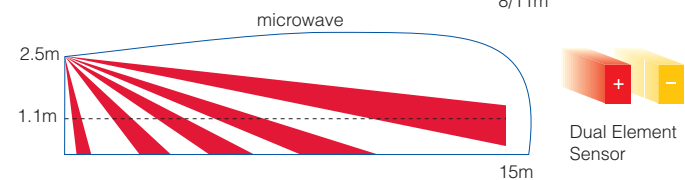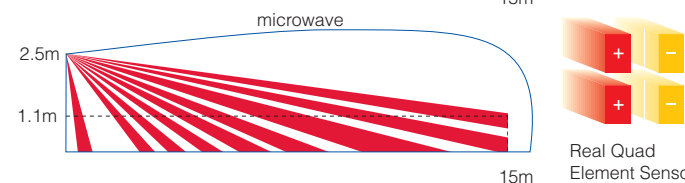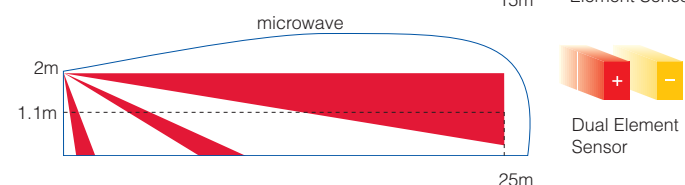
iWISE Coverage Patterns

Standard Lens
RK811DT

active creep zone — microwave — sensitive upper level

2.4/2.1m

8/11m

Dual Element Sensor

Standard Lens
RK815DT
RK815DT-AM

microwave

2.5m

1.1m

15m

Dual Element Sensor

Standard Lens
RK815DTQ

microwave

2.5m

1.1m

15m

Real Quad Element Sensor

Standard Lens
RK825DT

microwave

2m

1.1m

25m

Dual Element Sensor

iWISE Anti-Masking Technology

The iWISE DT-AM is the ultimate detector for high-risk installations, combining both Anti-Masking and Anti-Cloak™ technology (ACT™).

In addition to the superior Anti-Cloak™ protection against camouflaged intruders, any attempt to approach the detector and mask its field-of-view activates the Anti-Masking relay and the alarm*.

Anti-Masking technology is available on the iWISE RK815DT-AM.

iWISE Immunity for pets

Utilizing a custom designed lens and advanced algorithms, iWISE pet friendly sensors provide up to 45 kg dog and six-cat immunity, with no loss of catch performance, and no false alarms.

iWISE PET models can easily distinguish between intruder and pet signals, allowing your pets complete freedom of movement without false alarms.

The iWISE RK811DT features pet immunity technology.

*Jumper selectable

The iWISE may look and perform like any other detector, but don't be fooled - **It's a lot smarter...**