

Breakthrough in Dual Technology detectors



iWISE DT/DT-QUAD



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

ACT™ 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 from dual channel PIR (Passive Infrared)/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 immunity to false alarms, together with microwave's higher detection capability.

iWISE detectors come in the following models:

iWISE - 10m

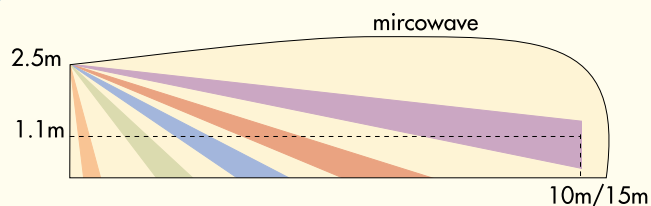
iWISE - 15m

iWISE - 15m with Quad PIR

iWISE - 25m

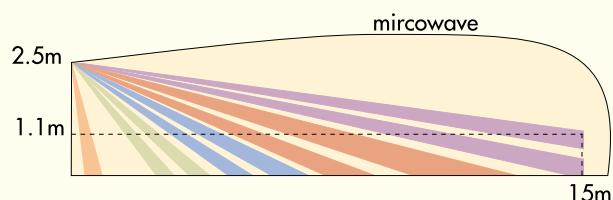
iWISE Coverage Patterns

Wide Angle Lens for RK810DT/815DT



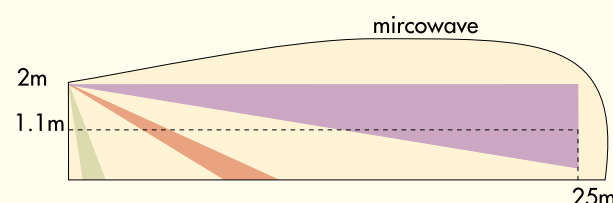
Dual Element Sensor

Wide Angle Lens for RK815DTQ



Real Quad Element Sensor

Wide Angle Lens for RK825DT



Dual Element Sensor

Product Features

Specifications	RK810DT	RK815DT/DTQ	RK825DT
FS Code:	FS4863	FS4864/FS4865	FS4866
Coverage Pattern:	10m range 100° field of view	15m range 100° field of view	25m range 85° field of view
Mounting Height:	2.1m to 3.3m	2.1m to 3.3m	1.8m to 2.0m
Operating Voltage: 9 to 16V regulated	•	•	•
Electrical Current Consumption: 19mA @ 12V	•	•	•
Alarm Contact: 100mA, 24V, N.C.	•	•	•
Tamper Contact: 100mA, 24V, N.C.	•	•	•
Alarm Time: 2.2 seconds min	•	•	•
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	•	•	•
Storage Temperature: -20° to 60°C	•	•	•
Dimensions: 127.6 x 64.2 x 40.9mm	•	•	•



Wall - Mounted Swivel

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Disclaimer: Due to product and technology improvements we reserve the right to change product and specifications without notice.