

Wireless Internal Motion Detectors



Motion sensors are designed for indoor use and can be mounted flat against a wall or in a corner of a room. The Passive Infrared (PIR) movement sensor can detect movement of body heat within a fan-shaped area up to 12 meters in radius. Pet-tolerant versions are available.

Combining PIR with K-band microwave technology, Dual Technology detectors are recommended for areas with fluctuating temperatures such as in warehouses, sheds or garages. As well as in areas at risk of being struck by direct sunlight such as in conservatories; and in rooms with repetitive movements, such as from ceiling fans.

Scantronic Secure Radio (SSR) products feature advanced two-way communication and true signal encryption, ensuring market leading cybersecurity comes as standard. Over-the-air updates keep devices future-proof and reduce labour time onsite, whilst shortened device response times improve battery life and ensure rapid event notification, minimising false alarms.

Wirelessly enable or disable pet tolerance to ensure flexible security wherever you are. Two-way radio also simplifies diagnostics; quickly identify devices by activating their built-in LED indicators.

The radio detectors take standard AA batteries available from any retailer. Conveniently, SSR transmission acknowledgement functionality extends device battery life by up to 66%.

At a glance...

Fit radio PIRs where you want to

Automatic channel swapping in SSR mode ensures devices experience minimal interference

Carry one detector for all installations

The option to switch between Legacy mode and SSR mode ensures that radio detectors are compatible with all current Scantronic panels as well as legacy alarm panels



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Scantronic product data sheet

Product specification

Product code	DET-2R-PIR	DET-2R-DT
Weight	150g	190g
Material	Plastic	
Battery	2 x AA Alkaline	3 x AA Alkaline
Typical battery life	5 Years	
Connection	Radio	
Environmental class	Class II	
Security grade	Grade 2	
Radio Frequency	868-868.5MHz (SSR mode) 868.6625MHz (Legacy mode)	
Tamper protection	Front and Rear	
Humidity	Up to 95%	Up to 93%
Operating temperature	-10°C to +55°C	
Compliance with EU Radio Equipment Directive (RED)	Compliant	
Pet tolerance	Up to 25kg	
Dimensions (LxWxD)	115mm x 55mm x 55mm	