

Leading the way in security

Scantronic

## 450 CEILING MOUNTED TWINTEC

DETECTORS



Scantronic's 450 ceiling mounted Twintec indoor detector combines Microwave and Passive Infra Red (PIR) technologies in a single unit to detect movement and body heat to activate the alarm in the event of an intrusion. These combined technologies are used where the environment of the installation to be protected is very turbulent.

The 450 detector has a coverage pattern of up to 9 metres at 360 degrees and is suitable for your home, office or any commercial or industrial buildings. Designed to fit perfectly with any décor, the 450 is stylish and compact, extremely robust and very discreet.

The Scantronic 450 uses the latest technology and represents the future in signal processing and optical lens technology to lead the industry in detection accuracy, false alarm immunity and ultimate reliability. The 450 detector uses modern techniques which eliminate the many types of interference that affect reliability of traditional detectors to guarantee superior long term performance and dramatically reduce false alarms.

Scantronic have designed the 450 to meet the most professional alarm installation standards and yet have made the products easy to install saving installation time.

The 450 offers exceptional value for money with many features incorporated to give a high level of security benefit and total peace of mind.

# 450

## CEILING MOUNTED TWINTEC

### TECHNICAL SPECIFICATION

<b>Type</b>	Ceiling mounted residential or commercial Twintec indoor movement detector, combining PIR and microwave
<b>Coverage</b>	Protects a 9m diameter at 360 degree angle at 4.5 metres high
<b>Signal Processing</b>	Digital signal processing offering double protection by combining the detection of body movement and body heat
<b>Sensor Element</b>	Dual element pyroelectric sensor & microstrip DRO stabilized type, frequency 2.45GHz
<b>Detection Zones</b>	62 detection zones and 1 microwave
<b>Lens</b>	Fresnel
<b>RF Immunity</b>	Careful circuit design and use of surface mount components gives high levels of immunity from radio interference. Greater than 30V/m Adjusts the sensitivity as temperature changes
<b>Temperature Compensation</b>	
<b>Event Counter</b>	Selectable, 1 & 2 true motion events
<b>Alarm Output</b>	Reed relay. Max 100mA/30 V, 18 $\Omega$ internal resistance
<b>Alarm Period</b>	Red LED lights for 2-3 seconds and output relay contacts open
<b>Trouble signal</b>	Open collector 100mA max, with 47 $\Omega$ resistor in series
<b>Tamper Contacts</b>	Normally closed, 50mA/30 VDC max
<b>Microwave Supervision</b>	Self test motion simulation. Trouble indication and output
<b>Mounting</b>	Maximum mounting height is 4.5 metres
<b>Local &amp; Remote Walk Test</b>	Input control included
<b>Automatic Testing</b>	On power up
<b>Current Consumption</b>	30mA @12 VDC
<b>Voltage Range</b>	9 to 16 VDC
<b>Operating Temperature</b>	-10°C to 50°C
<b>Dimensions (H x Ø)</b>	24 x 86 mm
<b>Weight</b>	64g
<b>Warranty</b>	6 years

Scantronic is a leading brand of Cooper Security Ltd, part of Cooper Industries, employing over 28,000 people in 100 manufacturing sites around the world.

Scantronic manufactures security equipment for all types of commercial and domestic premises. The range is comprehensive, offering every type of solution from multizone hard-wired and wirefree systems, to digital and voice communicators, to detectors and social alarms. Installers trust us to deliver cost effective products with the highest quality of field and support services to ensure you receive the best and most reliable systems to secure you and your premises.

Dealer Details