

Leading the way in security

Scantronic

460 DOMESTIC TWINTEC

DETECTORS



The Scantronic 460 Twintec indoor detector combines state of the art Microwave and Passive Infra Red (PIR) technologies in a single unit in order to detect an intruder. These combined technologies are used where the environment of the installation to be protected is very turbulent.

The 460 detector is suitable for your home, office or light commercial buildings. Designed to fit perfectly with any décor, the 460 is stylish and compact, extremely robust and very discreet.

The Scantronic 460 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 460 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.

The Scantronic 460 has a coverage pattern of 12 metres by 90° that can be adjusted to suit your installation requirements, with temperature compensation and an advanced white light filter built in to minimise false alarms.

Fully sealed optics provide full protection against draught, dust and insect ingress, offering a high level of environmental immunity and reducing the burden from repeated false alarms. Scantronic have designed the 460 to meet the most professional alarm installation standards and yet have made the products easy to install saving installation time.

The 460 offers exceptional value for money with many features incorporated to give a high level of security benefit and total peace of mind.

460

DOMESTIC TWINTEC

TECHNICAL SPECIFICATION

Type	Small attractive domestic Twintec indoor movement detector combining PIR and microwave
Coverage	Protects up to a 12m range over 90 degrees with range adjustments on the microwave. User selects 6m, 9m, 12m
Signal Processing	Digital signal processing offering double protection by combining the detection of body movement and heat to provide optimum capture performance in discriminating between actual and false alarms
Sensor Element	Dual element pyroelectric sensor & microstrip DRO stabilized type, frequency 2.45GHz
Detection Zones	34 detection zones on 2 planes
Adjustment	Subject to mounting height
White Light Filter	White light protection as part of the main lens to minimise false alarms caused by intense white light e.g. car headlamps and sunlight
Lens	Cylindrical
Sealed Optics	Fully sealed optics to provide full protection against draught, dust and insect ingress
RF Immunity	Careful circuit design and use of surface mount components gives high levels of immunity from radio interference. Greater than 30 V/m
Temperature Compensation	Adjusts the sensitivity as the temperature changes
Alarm Indication	Tripping threshold and alarm (green and red)
Local & Remote Walk Test	Test input to enable/disable the walk test LED remotely
Mounting	1.8m - 2.4m
Alarm Output	Solid - state relay. Max 100mA/30 VDC - 18 Ω internal resistance
Event Counter	Selectable, 1 & 2 true motion events
Automatic Testing	On power up
Tamper Contacts	Normally closed, 50mA /30 VDC max
Current Consumption	20mA @12 VDC
Voltage Range/Supply	9 to 15 VDC
Voltage	-10°C to 50°C
Operating Temperature	94.5 x 63.5 x 49mm
Dimensions (H x W x D)	50g
Weight	6 years
Warranty	

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