

Leading the way in security

Scantronic

## 420 DIGITAL PIR

DETECTORS



The Scantronic 420 Digital indoor motion detector uses Passive Infra Red (PIR) technology to detect movement of body heat to activate the alarm in the event of an intrusion. The 420 detector is suitable for your home, office or light commercial buildings. Designed to fit perfectly with any décor, the 420 is stylish and compact, extremely robust and very discreet.

The Scantronic 420 uses the latest digital 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 420 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 420 uses 3D cylindrical lens technology that extends 12m 90 degree multiple solid vertical curtain coverage with uniform sensitivity detection. This provides wall creep zone coverage and eliminates any dead spots.

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 420 to meet the most professional alarm installation standards and yet have made the products easy to install with remote walk test saving installation time.

The 420 offers exceptional value for money with many features incorporated to give a high level of security benefit and total peace of mind.

# 420 DIGITAL PIR

## TECHNICAL SPECIFICATION

<b>Type</b>	Small attractive domestic digital passive infra red indoor movement detector
<b>Coverage</b>	Fixed coverage over a 12m range over 90 degrees. Length of centre axis 12 metres
<b>Signal Processing</b>	Fuzzy logic system designed to provide high degree of discrimination against all signals other than an intruder
<b>Detection Zones</b>	9 vertical long curtains
<b>Lens</b>	Cylindrical
<b>Sealed Optics</b>	Fully sealed to provide full protection against draught, dust and insect ingress
<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. Input control included
<b>Local &amp; Remote</b>	
<b>Walk Test</b>	
<b>Mounting</b>	At a height between 1.8m to 2.4m, surface or corner mounted
<b>Alarm Indication</b>	LED lights and output relay contacts open for 2-3 seconds
<b>Alarm Output</b>	Solid - state relay. Max 100mA/30 V, approx. 20 $\Omega$ internal resistance
<b>Event Counter</b>	Selectable, 1 & 2 true motion events
<b>Tamper Contacts</b>	Normally closed, 50mA /30 VDC max
<b>Current Consumption</b>	8mA @12 VDC
<b>Voltage Range</b>	9 to 16 VDC
<b>Operating Temperature</b>	-10°C to 50°C
<b>Dimensions (H x W x D)</b>	94.5 x 63.5 x 49mm
<b>Weight</b>	50g
<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

SCAN 08/03