

# 380 Twintec® Indoor Detector



**COOPER** Menvier

Part of Cooper Menvier, **SCANTRONIC** is a world leader in the development, manufacture and supply of intruder alarm technology.

The 380 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 like a radar. These combined technologies are used where the environment of the installation to be protected is very turbulent.

Designed to blend in with your decor, the white outer case is extremely robust and yet aesthetically appealing giving an attractive look to the product.

The 380 has a coverage pattern of 15 metres by 90° which can be adjusted to suit your installation requirements, with temperature compensation and an advanced white light filter built in to minimise false alarms. The 380 Twintec® detector offers a high level of environmental immunity, reducing the burden from repeated false alarms.

**SCANTRONIC** have designed the 380 Twintec® to meet the most professional alarm installation standards and yet have made the product easy to install, saving installation time and causing a minimum of disruption to your decor.

Suitable for your office, your shop, or any commercial or industrial buildings. The 380 Twintec® detector has been manufactured to the very highest quality standards, offering value for money with many features incorporated to give a high level of security benefits and total peace of mind.

  
**Scantronic**  
Leading the way in security

**3 8 0**  
**Twintec®**  
**Indoor Detector**  
**Technical Specification**

<b>COVERAGE</b>	Protects a 15 metre range over 90 degrees with range adjustments on the microwave.
<b>SIGNAL PROCESSING</b>	Digital signal processing offering double protection by combining the detection of body movement and heat. Energy Frequency Analysis (EFA) and Multi Event Verification (MEV), combine to provide optimum capture performance in discriminating between actual and false alarms.
<b>DETECTION ZONES</b>	42 detection zones on 4 planes.
<b>WHITE LIGHT FILTER</b>	Advanced white light filter to minimise false alarms caused by intense white light e.g car headlamps and sunlight.
<b>RF IMMUNITY</b>	Careful circuit design, metallic shielded circuitry and use of surface mount components gives high levels of immunity from radio interference.
<b>FLUORESCENT LIGHT FILTER</b>	Utilises advanced digital filters to minimise alarms caused by fluorescent lights.
<b>TEMPERATURE COMPENSATION</b>	Adjusts the sensitivity as temperatures change.
<b>LOCAL &amp; REMOTE WALK TEST</b>	Input Control Included.
<b>MICROWAVE SUPERVISION</b>	Includes trouble indication and output.
<b>MASKING SEGMENTS</b>	Included for selectable coverage.
<b>MOUNTING</b>	At a height between 1.8m to 2.4m. Wall corner mounted or wall mounted.
<b>CURRENT CONSUMPTION</b>	(Quiescent) 14mA.
<b>VOLTAGE RANGE</b>	9.5V - 15V.
<b>OPERATING TEMPERATURE</b>	-10° to 55°C.
<b>DIMENSIONS</b>	(HxWxD) = 90 x 70 x 45mm.



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Scantronic was established in 1978 and is part of Cooper Menvier. All our products are tried and tested to meet the stringent quality standards within the security industry prior to leaving our manufacturing premises. We aim to ensure you receive the best and most reliable products to secure you and your premises.



**COOPER Menvier**  
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