

1081, 1082, 1084 COMMERCIAL TWINTECS



Leading the way in security

The Scantronic 1081, 1082 and 1084 Twintec® indoor detectors combine state of the art Microwave and Passive Infra Red (PIR) technologies in a single unit in order to detect an intruder like radar. These combined technologies are used where the environment of the installation to be protected is very turbulent.

Scantronic have designed the 1081, 1082 and 1084 Twintec's for your office, your shop, or any commercial or industrial buildings. These detectors have been manufactured to the very highest quality to meet the most professional alarm installation standards and yet have been made for ease of installation, saving installation time and causing a minimum of disruption to your decor.

The 1081 has a coverage pattern of 20 metres at 90 degrees. The 1082 is a long range version of the 1081 with a coverage pattern of 30 metres at 10 degrees (suitable for corridors) whilst the 1084 has a coverage pattern of 16 metres at 360 degrees.

All three detectors can be adjusted to suit your installation requirements. With temperature compensation, microwave supervision and an advanced white light filter built in to minimise false alarms caused by intense white light such as car headlamps and sunlight. This range of Twintec® detectors offer high levels of environmental immunity reducing the burden from repeated false alarms.

Using only the very latest digital signal processing techniques, the highest quality components and materials and state of the art production techniques, the 1081, 1082 and 1084 Twintec® detectors give a high level of security benefits and total peace of mind.

1081, 1082, 1084

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	1081	1082	1084
Coverage	Adjustable coverage over a 21 metre range at 90 degrees	Adjustable coverage over a 30.5 metre range at 10 degrees	Protects a 16 metre range at 360 degree angle at 4.6 metres high
Signal Processing	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	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	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
Detection Zones	36 detection zones on 4 planes	10 detection zones on 4 planes	54 detection zones on 4 planes
White Light Filter	Advanced white light filter to minimise false alarms caused by intense white light e.g. car headlamps and sunlight	Advanced white light filter to minimise false alarms caused by intense white light e.g. car headlamps and sunlight	N/A
Fluorescent Light Filter	Utilises advanced digital filters to minimise alarms caused by fluorescent lights	Utilises advanced digital filters to minimise alarms caused by fluorescent lights	Utilises advanced digital filters to minimise alarms caused by fluorescent lights
RF Immunity	Careful circuit design, metallic shielded circuitry and surface mount components give high levels of immunity from radio interference	Careful circuit design, metallic shielded circuitry and surface mount components give high levels of immunity from radio interference	Careful circuit design, metallic shielded circuitry and surface mount components gives high levels of immunity from radio interference
Look Down Zone	Eliminates blind spots	Eliminates blind spots	Eliminates blind spots
Temperature Compensation	Adjusts the sensitivity as temperatures change	Adjusts the sensitivity as temperatures change	Adjusts the sensitivity as temperatures change
Local and Remote Walk Test	Input control included	Input control included	Input control included
Zone Location	Built-in true zone location for accurate installation	Built-in true zone location for accurate installation	N/A
Masking Segments	Included for selectable coverage	Included for selectable coverage	Included for selectable coverage
Mounting Options	Optional tampered wall bracket available	Optional tampered wall bracket available	Optional flush mount kit available
Microwave Supervision	Includes trouble indication and output	Includes trouble indication and output	Includes trouble indication and output
Current Consumption (Quiescent)	20mA	20mA	20mA
Dimensions	(H x W x D) = 120 x 93 x 65mm	(H x W x D) = 120 x 93 x 65mm	(W x D) = 50 x 15mm
Voltage Range	9.5v - 15v	9.5v - 15v	9.5v - 15v

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

06/02