

Rf360

DIGITAL CEILING MOUNT QUAD PIR

See the complete picture. The Rf360 from Texecom features an omni-directional quad element pyro for true 360° pickup. Advanced digital design ensures maximum false alarm immunity in all environmental conditions, yet still maintains optimum catch performance. With an exceptional specification, the Rf360 is clearly the only choice for all round protection.

Features

- Omni-Directional Quad Element Pyro For True 360° Coverage
- Digital Temperature Compensation
- Digital Signal Processing
- First To Alarm Indication
- 70V/m Rf Immunity
- Remote LED Disable
- EN 50131-1 Grade 2
- Sealed Optics



Texecom
Designed to Perform

Rf360



Omni-directional Quad Pyro

Featuring a true omni-directional quad element pyro, the Rf360 provides exceptional catch performance for any direction of intruder movement. Other ceiling mount detectors normally use a standard dual element pyro. These are only suitable for use in wall mounted PIRs where most of the movement will be across the face of the detector. When dual element pyros are used in ceiling mount detectors, catch performance can decrease because sensitivity is extremely directional dependent.



Digital Signal Processing

Neural based environment learning provides the Rf360 with real intelligence and enables it to continually monitor the installation. The signal processing adjusts automatically to ensure optimum catch performance yet still maintains maximum false alarm immunity.



Digital Temperature Compensation

The digital temperature compensation technique employed within the Rf360 ensures that the Fuzzy Logic signature algorithms most suited to that particular environment are employed. If the environment changes then so do the signal processing algorithms. This technique, unique to Texecom, ensures superb performance even in the hottest of climates.

Features & Functions

Protection Area:	7.0m (23ft) diameter when mounted at 2.4m (8ft) 10.5m (35ft) diameter when mounted at 3.6m (12ft)
Supply Voltage:	9 - 16Vdc
Current Consumption:	16mA typical at 12Vdc
Alarm Signaling:	Built-in normally closed relay
Alarm Relay:	Rated at 24Vdc, 50mA protected by 18Ω series resistor
EMC:	Independently certified to EN 50130-4 : 1996
RF Immunity:	No false alarms from 80MHz to 1GHz at 70V/m

Physical Specifications

<p>113mm (4.4")</p> <p>30mm (1.2")</p>	<p>Storage Temperature: -35°C (-31°F) to +60°C (+140°F)</p>	<p>Packed Weight: 125g (4.5oz) approx</p>
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European Standards

EMC: Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

Approved to BS EN 55022 Class B and BS EN 50130-4 : 1996.

PD 6662 & EN 50131 Grade 2 Environmental Class II.

The CE mark indicates that this product complies with the European requirements for safety, health, environmental and customer protection.

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