

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.

Advantages of the *Rf360* include:

- ✓ OMNI-DIRECTIONAL QUAD ELEMENT PYRO FOR TRUE 360° COVERAGE
- ✓ 200V/m IMMUNITY TO MOBILE PHONES
- ✓ 70V/m RF IMMUNITY
- ✓ DIGITAL TEMPERATURE COMPENSATION
- ✓ EN 50131 GRADE 2
- ✓ DIGITAL SIGNAL PROCESSING
- ✓ FIRST TO ALARM INDICATION
- ✓ REMOTE LED DISABLE
- ✓ SEALED OPTICS
- ✓ LATCH INPUT

Ask your distributor today for the new Texecom full colour Product Guide.

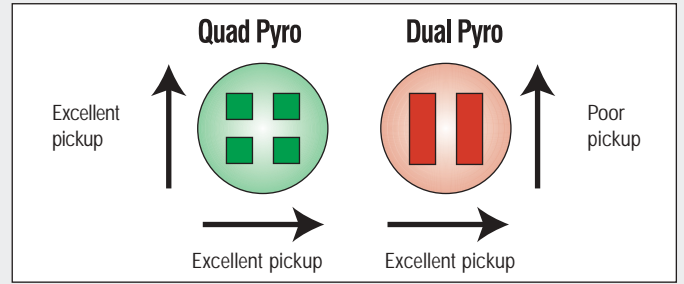
Texecom
www.texe.com

RF360 FEATURES

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.

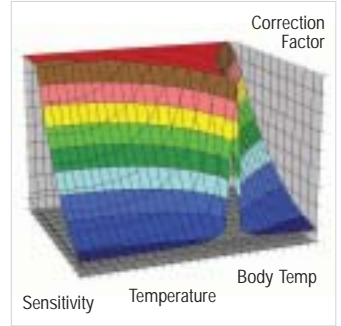


Sealed Optics

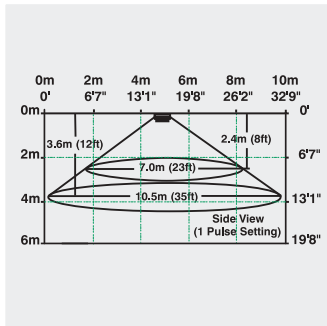
Digital Signal Processing

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.

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.



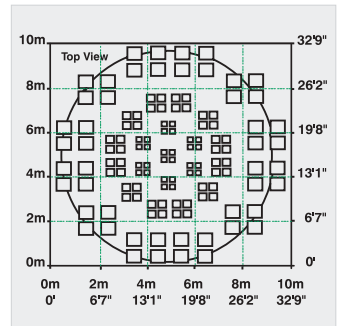
Digital Temperature Profile



Wide Coverage Area

Specifications

- Supply Voltage:** 9 - 16Vdc
- Current Consumption:** 16mA typical at 12Vdc.
- Alarm Output:** Built-in normally closed relay, < 24Vdc, 50mA, 18Ω
- Dimensions:** 113mm diameter x 30mm
- Packed Weight:** 125g (4.5oz) approx.
- EMC:** Independently certified to EN 50130-4 : 1996.
- RF Immunity:** No false alarms from 80MHz to 1GHz at 70V/m



High Zone Density for Superior Pickup

European Standards

PD 6662 and EN 50131 Grade 2 Environmental Class II.

Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC.

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

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

RF SERIES

RF650



Ultra immune PIR with digital pulse count. Advanced circuit design ensures false alarm immunity from RF, lightning & mobile phones.

RFExtreme



Microprocessor based PIR with digital temperature compensation. Excellent catch performance even in extreme conditions.

RF360



Microprocessor based ceiling mount PIR. Genuine quad element pyro ensures true omni-directional pick-up.