RfExtreme

Digital Enviro-Adaptive Micro PIR

INSTALLATION INSTRUCTIONS

WINNER – THE PREMIER AWARDS 2002 & 2001 – EXCELLENCE IN CUSTOMER CARE & SERVICE

INTRUDER ALARM MANUFACTURER NO.1 CLUB – OF THE YEAR 2000

WINNER – SECURITY EXCELLENCE AWARDS – BEST MANUFACTURER 2000 & 1999

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QUALITY ASSURANCE

BSI REGISTERED – UKAS QUALITY MANAGEMENT 003

Certificate Number: FM 35285

CE

BSIA British Security Industry Association

WARRANTY

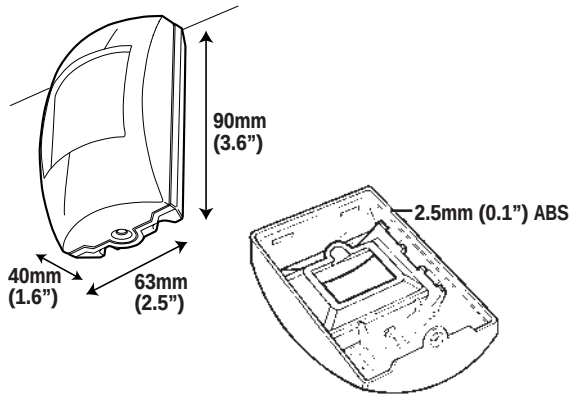
10 year replacement warranty.

The *RfExtreme* is designed to detect the movement of an intruder and activate an alarm control panel. As the *RfExtreme* is not a complete alarm system, but only a part thereof, Texecom cannot accept responsibility or liability for any damages whatsoever based on a claim that the *RfExtreme* failed to function correctly.

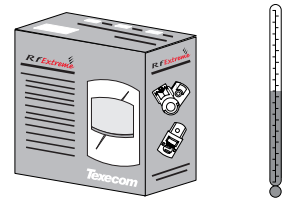
Due to our policy of continuous improvement Texecom reserves the right to change specification without prior notice. All specifications are measured at 20˚C (68˚F).

Document Ref: RfEx/EU/1.0-5

1 PHYSICAL

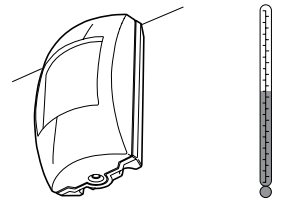


2 ENVIRONMENTAL



125g (4.5oz) approx.

-35°C (-31°F) to +60°C (+140°F)

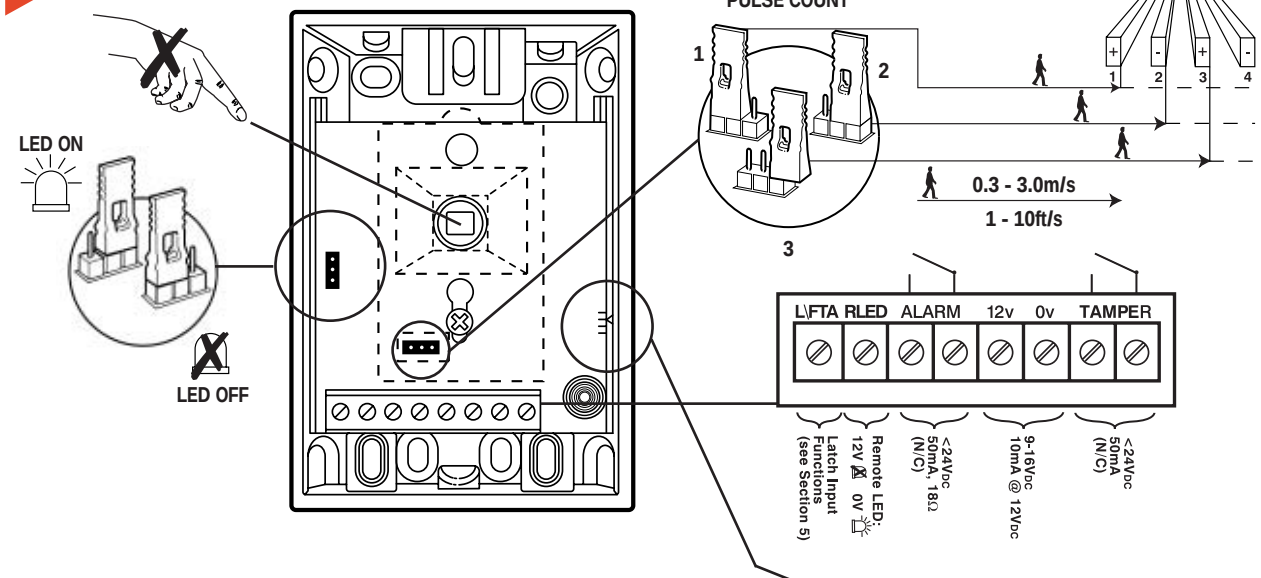


-35°C (-31°F) to +55°C (+131°F)

3 FALSE ALARM PROTECTION

Design:	Microprocessor based Fuzzy Logic signal analysis. Neural based environment learning. Noise reduction circuits with maximum ground plane.
RF Immunity:	No false alarms at 200V/m due to digital telephone disturbances, tested to DD ENV 50204 : 1996, at 900MHz. No false alarms from 80MHz to 1GHz at 70V/m. modulated, equivalent to a 1400W uniform transmitter at 3m (10ft). Complies with BS EN 61000-4-3 : 1997.
Electrostatic Discharge:	No false alarms up to 8kV. Complies with BS EN 61000-4 -2 : 1995.
Fast Transient Immunity:	No false alarms up to ±4kV. Complies with BS EN 61000-4-4 : 1995.
High Energy Transient Immunity:	No false alarms up to ±2kV. Complies with BS EN 61000-4-5 : 1995.
Conducted RF Susceptibility:	No false alarms at 10Vrms. Complies with BS EN 61000-4-6 : 1996.
Conducted Emissions:	Complies with EN 55022 Class B.
Radiated Emissions:	Complies with EN 55022 Class B.
EMC:	Independently certified to EN 50130-4 : 1996.
Pulse Count:	Advanced analogue and digital pulse count. Internal link to select.

4



5 LATCH INPUT FUNCTIONS

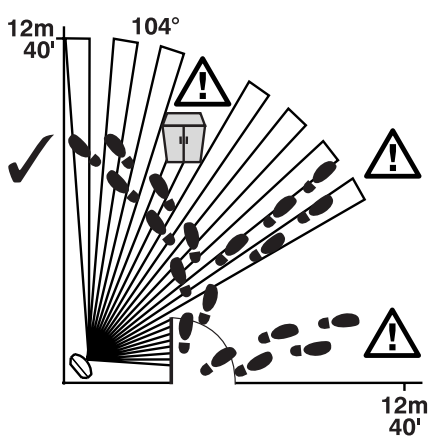
The latch terminal (see Section 4) can perform several different functions depending on how it is connected:

Latch connected to Set Positive (SW+, Set+): The LED will be disabled while the system is set. Any detectors triggered while the system is set will indicate this by permanently lighting the LED (upon unsetting the system). Detectors can be reset by taking the latch line high and then low again.

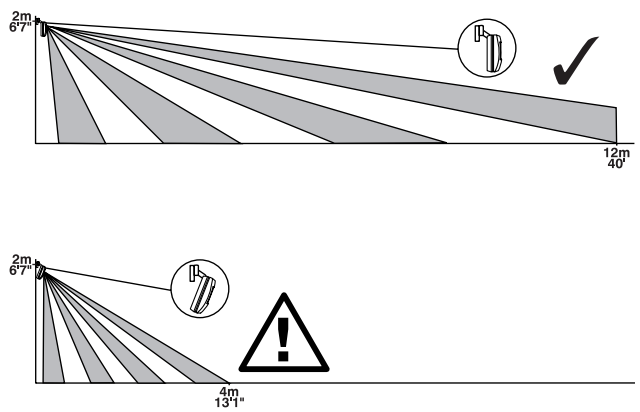
Latch connected to Alarm Positive (AL+, A+ve): The first detector activated while the system is set will indicate this with a slowly flashing LED (upon unsetting the system). Detectors subsequently activated will indicate this by permanently lighting their LED. Detectors can be reset by taking the latch line high and then low again.

The latch input is not suitable for use on entry/exit or walk through zones.

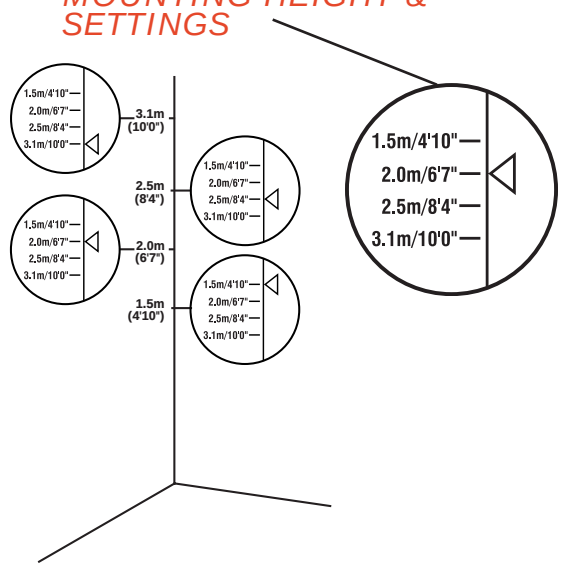
6 COVERAGE & PICK-UP



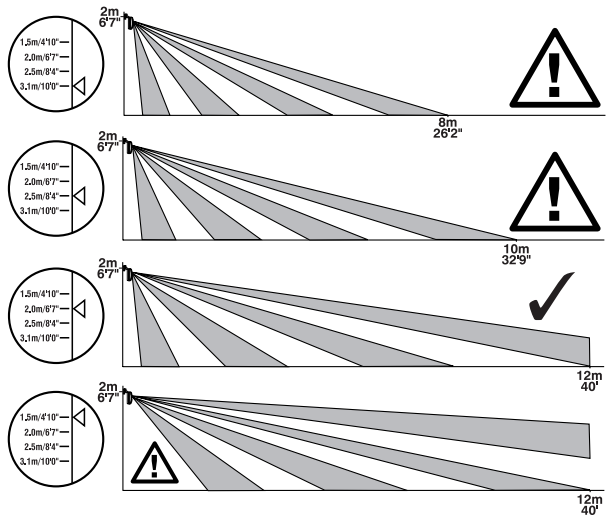
7 ANGLING THE DETECTOR



8 MOUNTING HEIGHT & SETTINGS

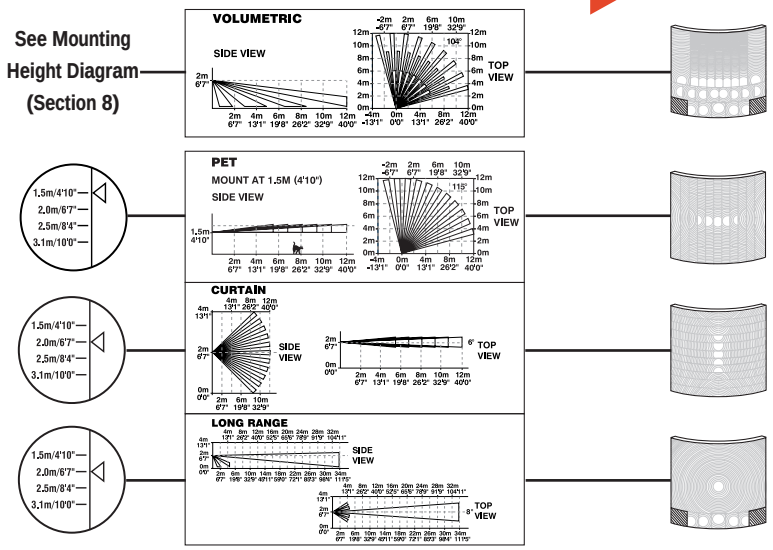


9 COVERAGE AT 2m

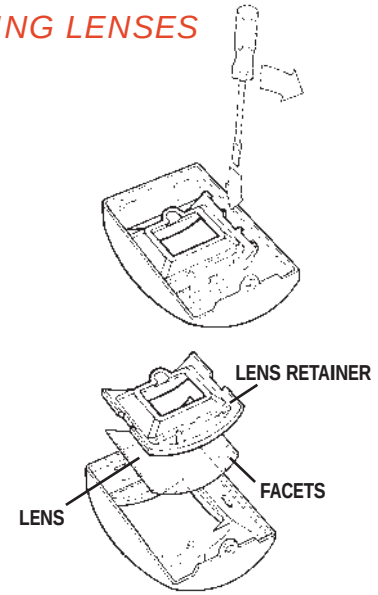


10 LENS SELECTION

See Mounting Height Diagram (Section 8)

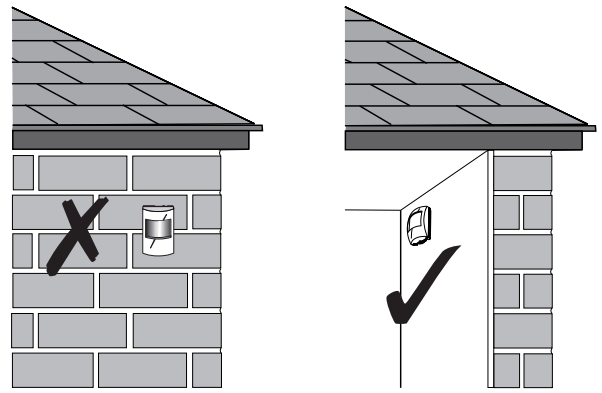


11 CHANGING LENSES



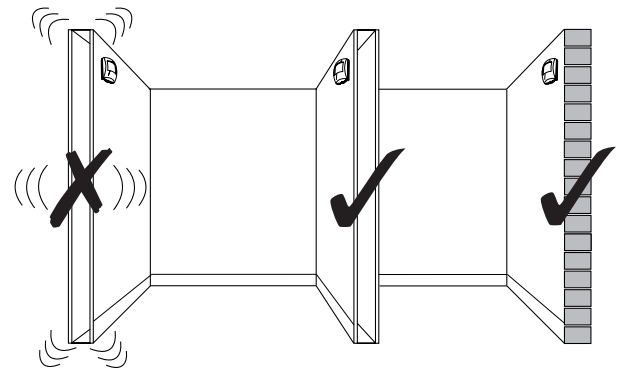
12 MOUNTING THE RfEXTREME

For indoor use only



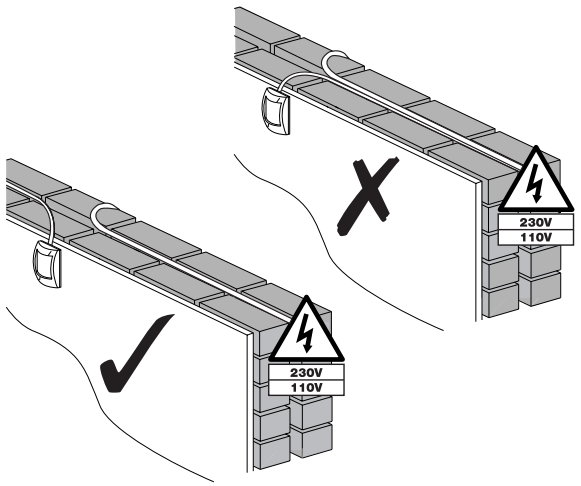
13 MOUNTING THE RfEXTREME

Mount on a stable surface



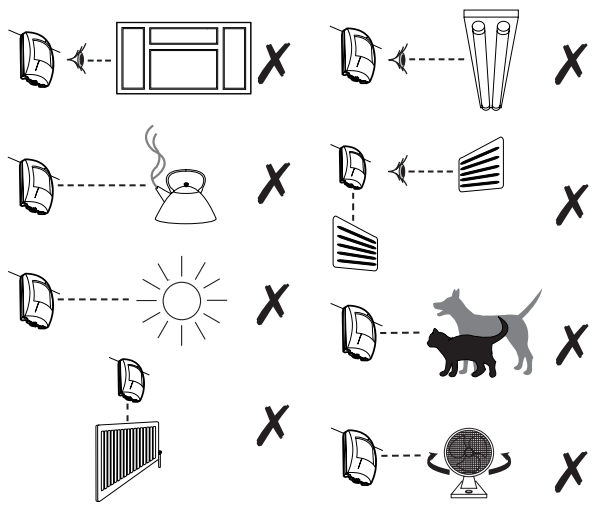
14 WIRING

Do not run cable parallel to mains wiring

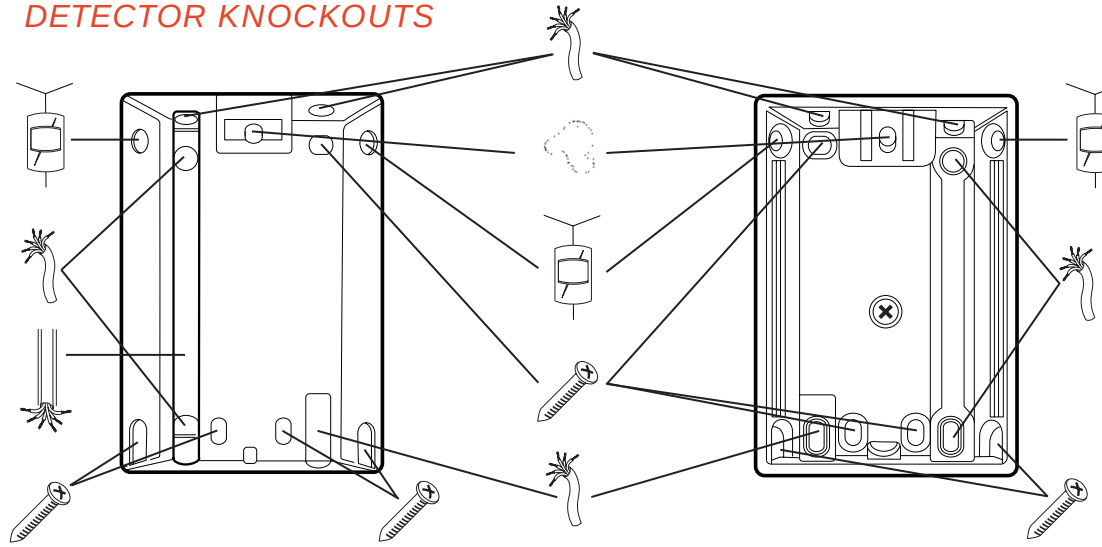


15 CHOOSING A LOCATION

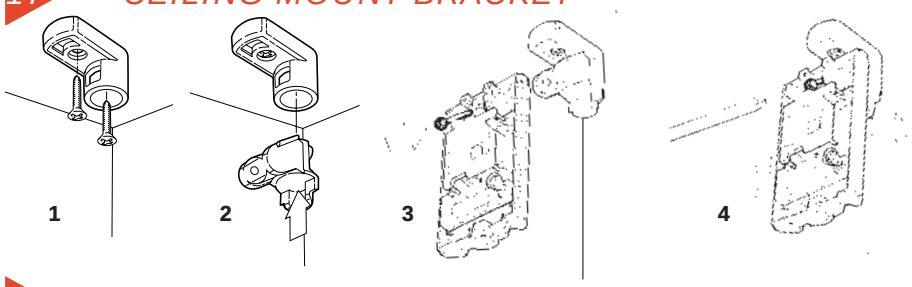
Avoid common false alarm sources



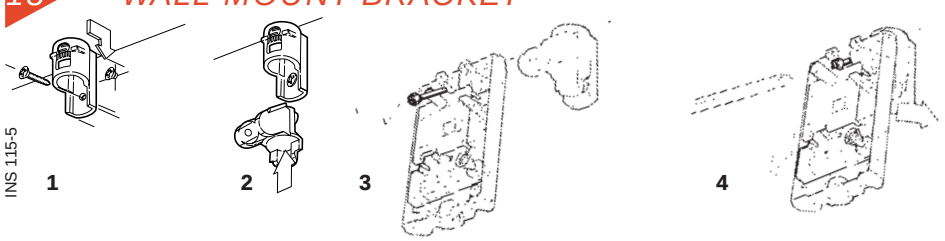
16 DETECTOR KNOCKOUTS

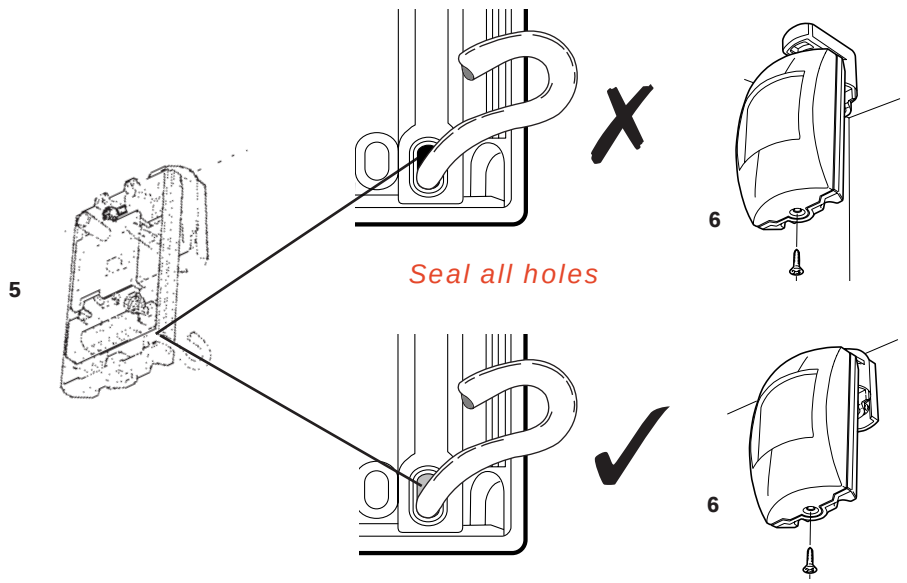


17 CEILING MOUNT BRACKET

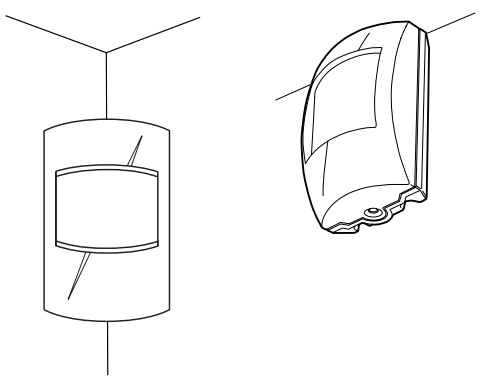


18 WALL MOUNT BRACKET





19 MOUNTING WITHOUT BRACKETS



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