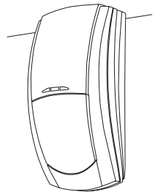
Prestige QD

Professional Genuine Quad Element PIR

INSTALLATION INSTRUCTIONS



Texecom
Designed to Perform

INS 254-5

QUALITY ASSURANCE

Certificate Number: FM 35285

Made In England

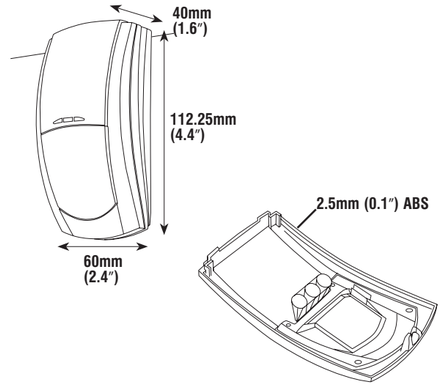
WARRANTY

10 year replacement warranty.

The *Prestige QD* is designed to detect the movement of an intruder and activate an alarm control panel. As the *Prestige QD* 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 *Prestige QD* 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).

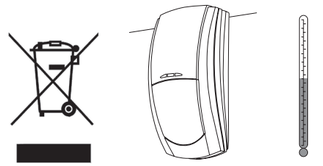
1 PHYSICAL



2 ENVIRONMENTAL

-35°C (-31°F) to +60°C (+140°F)

150g (5oz) approx.

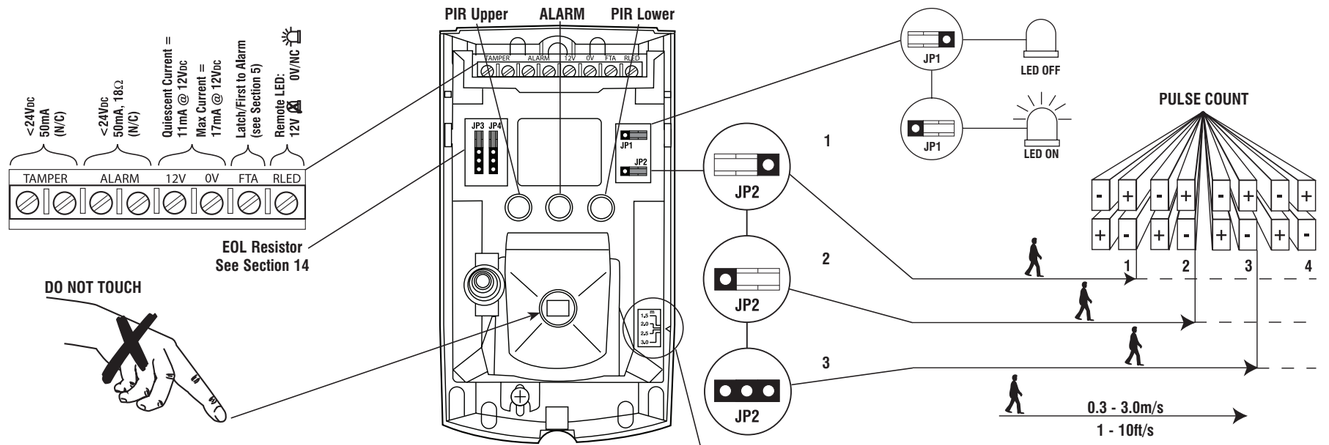


-35°C (-31°F) to +55°C (+131°F)

3 STANDARDS & APPROVALS

Detector Standard:	Independently certified to TS 50131-2-2 Grade 2 Environmental Class II.
System Standard:	Suitable for use in a PD 6662/BS EN 50131-1 Grade 2 system. Environmental Class II.
EMC:	Independently certified to EN 50130-4 : 1996.
RF Immunity:	No false alarms from 80MHz to 1GHz at 10V/m. Complies with BS EN 61000-4-3 : 2002.
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 ±1kV. 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 & Radiated Emissions:	Complies with EN 55022 Class B.
Product Identifier:	QD

4



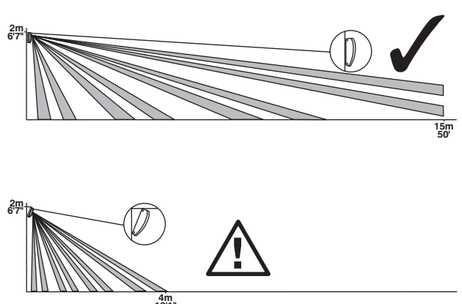
5 LATCH INPUT FUNCTIONS

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

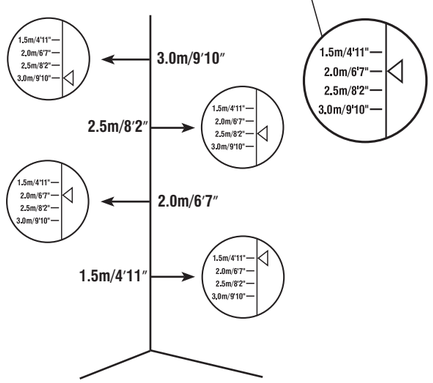
Latch connected to Set Positive (SW+, Set+): The LEDs will be disabled while the system is set. Any detectors triggered while the system is set will indicate this by permanently lighting the alarm LED (upon unsetting the system). Detectors can be reset by taking the latch line high and then low again.

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

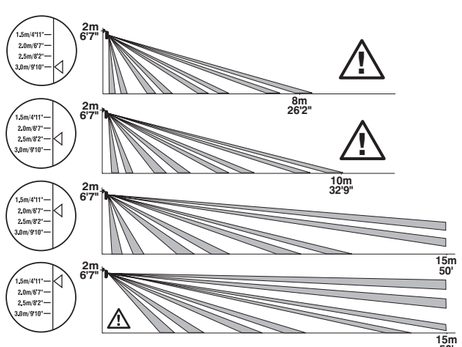
6 ANGLING THE DETECTOR



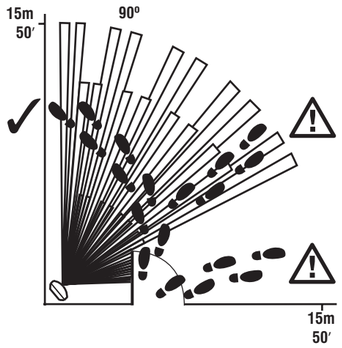
7 MOUNTING HEIGHT AND SETTINGS



8 ALTERING COVERAGE AT 2m MOUNTING HEIGHT

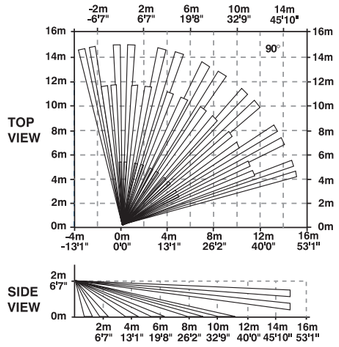


9 COVERAGE AND PICK-UP



10 COVERAGE PATTERN

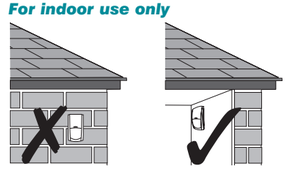
Volumetric



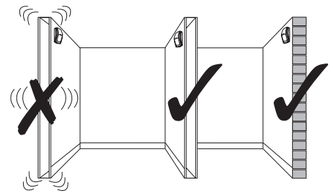
See Mounting Height Diagram (Section 7)

11 MOUNTING THE PRESTIGE QD

For indoor use only

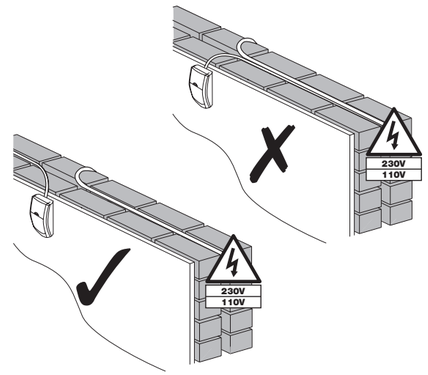


Mount on a stable surface



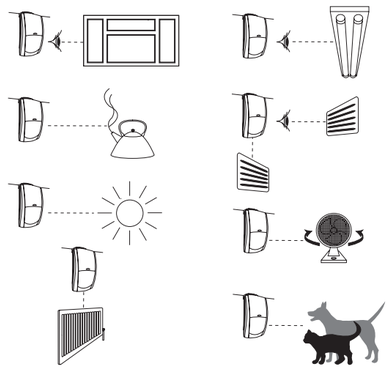
12 WIRING THE PRESTIGE QD

Do not run cable parallel to mains wiring



13 CHOOSING A LOCATION

Avoid common false alarm sources

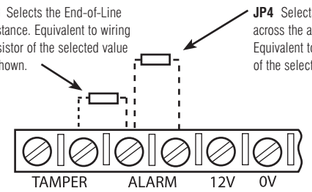


14 EOL RESISTOR JUMPER LINKS

The jumper links JP3 and JP4 (see Section 4) are used to select resistances for End-of-Line (EOL) wiring applications.

JP3 Selects the End-of-Line resistance. Equivalent to wiring a resistor of the selected value as shown.

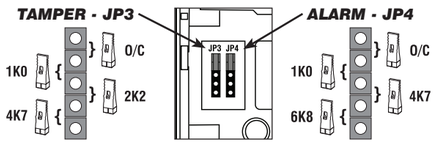
JP4 Selects the resistance across the alarm relay. Equivalent to wiring a resistor of the selected value as shown.



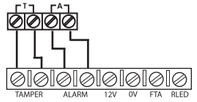
If EOL wiring is not used, the headers should be left in the default (O/C) position. If the required resistance values are not available, leave the headers in the O/C position and wire in external resistors as normal.

EOL Settings for Texecom Panels	**JP3**	**JP4**
Premier & Premier International	2k2	4k7

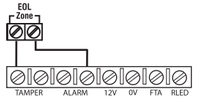
EXAMPLES OF EOL JUMPER LINK USE



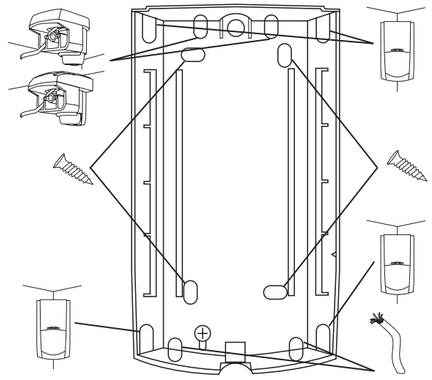
Double Pole (jumper links not used)



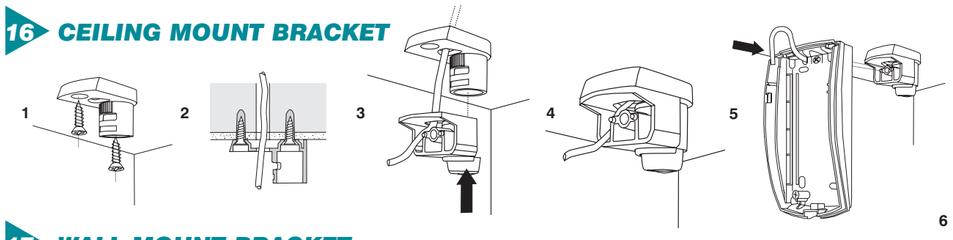
Dual End-of-Line (DEOL)



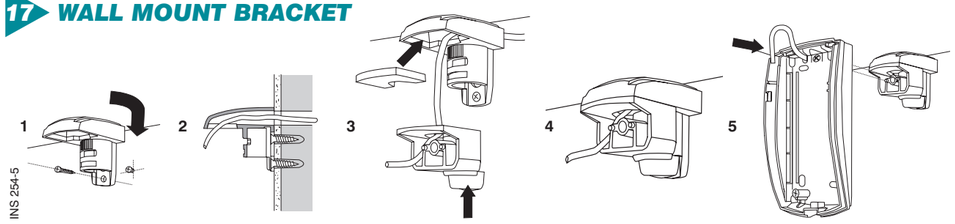
15 DETECTOR KNOCKOUTS

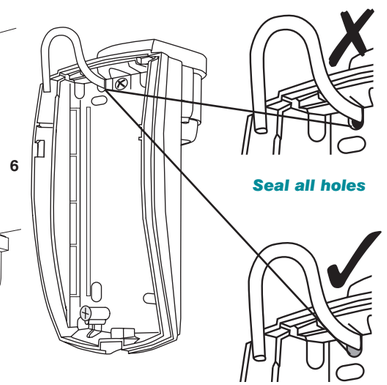


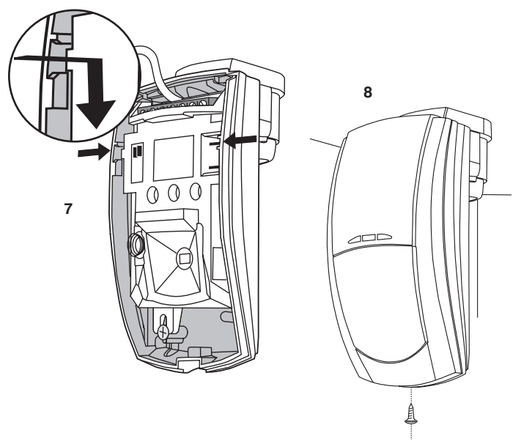
16 CEILING MOUNT BRACKET



17 WALL MOUNT BRACKET







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