

Mirage DT Petwise

Pet Immune Dual Technology Detector

INSTALLATION INSTRUCTIONS



EUROPEAN SECURITY
INDUSTRY INNOVATION
AWARDS

Best
Manufacturer
1999 & 2000

Intruder Alarm
Manufacturer
of the Year
2000 & 2001

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WARRANTY

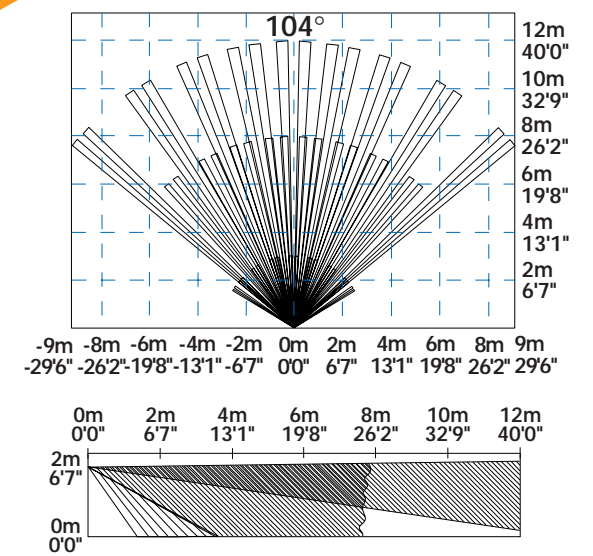
5 year replacement warranty.

The *Mirage DT Petwise* is designed to detect the movement of an intruder and activate an alarm control panel. As the *Mirage DT Petwise* 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 *Mirage DT Petwise* failed to function correctly.

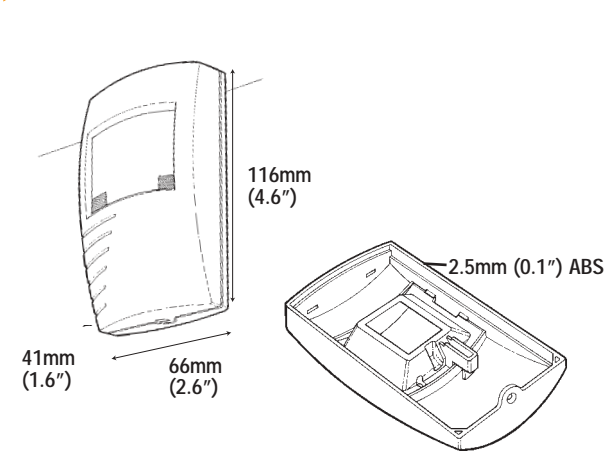
Due to our policy of continuous improvement Texecom reserves the right to change specification without prior notice. All specifications are measured at 20°C (68°F).

Document Ref: MDTPet/EU/1.0-3
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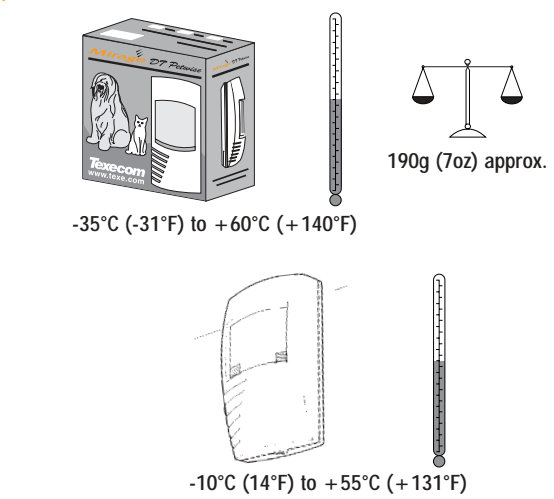
6 COVERAGE PATTERNS



1 PHYSICAL



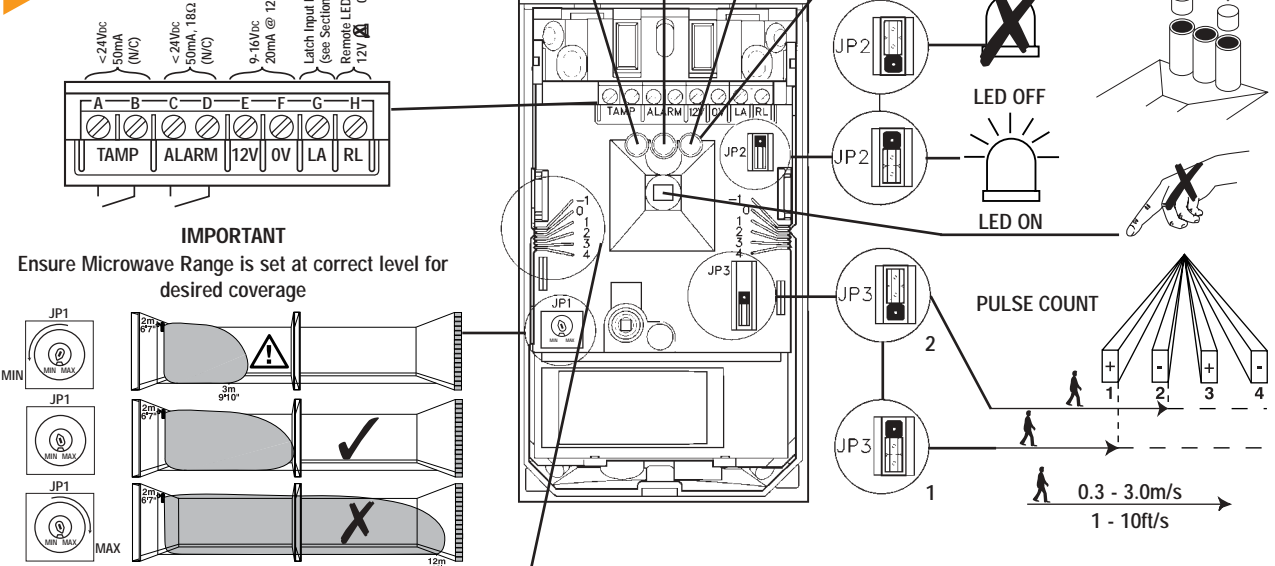
2 ENVIRONMENTAL



3 STANDARDS & APPROVALS

System Standard:	Suggested use: within a BS EN 50131-1 Grade 2 system. Environmental Class II.
EMC:	Independently certified to EN 50130-4 : 1996.
RF Immunity:	No false alarm from 80MHz to 1GHz at 50V/m modulated, equivalent to a 700W uniform transmitter at 3m (10ft). Complies with BS EN 61000-4-3 : 1997.
Electrostatic Discharge:	No false alarm up to 8kV. Complies with BS EN 61000-4-2 : 1995.
Fast Transient Immunity:	No false alarm up to ±4kV. Complies with BS EN 61000-4-4 : 1995.
High Energy Transient Immunity:	No false alarm up to ±2kV. Complies with BS EN 61000-4-5 : 1995.
Conducted RF Susceptibility:	No false alarm at 10Vrms. Complies with BS EN 61000-4-6 : 1995.
Conducted Emissions:	Complies with EN 55022 Class B.
Radiated Emissions:	Complies with EN 55022 Class B.
Microwave Range:	Internal pot to adjust.
Type Approvals:	Complies with: MPT 1349, I-ETS 300 440, FCC Part 15.

4



5

REMOTE LED & LATCH INPUT FUNCTIONS

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

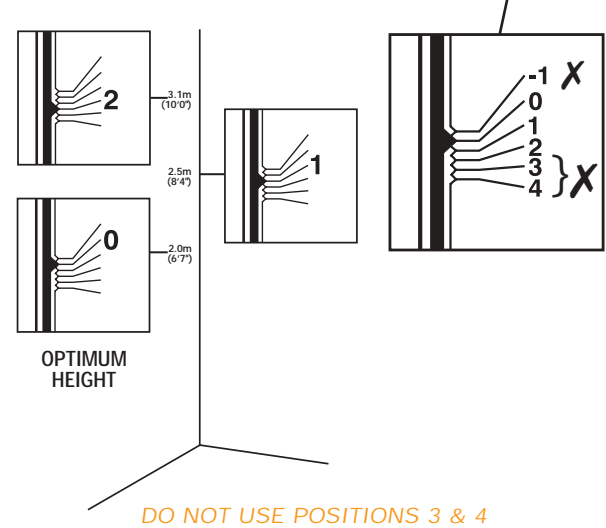
Latch connected to Set Positive (SW+, Set+): The LEDs will be disabled while the system is set. Any detectors triggered while the system is set will indicate this by permanently lighting the Alarm LED (upon unsetting the system). Detectors can be reset by taking the latch line high and then low again.

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 which 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.

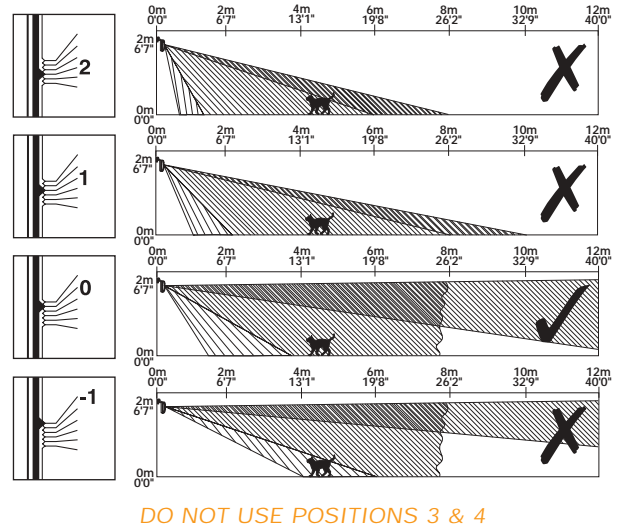
The latch input is not suitable for use on entry/exit or walk through zones.

Remote LED: Connect RL to 12V to disable the walk test LEDs.
Connect RL to 0V or leave unconnected to enable the walk test LEDs.

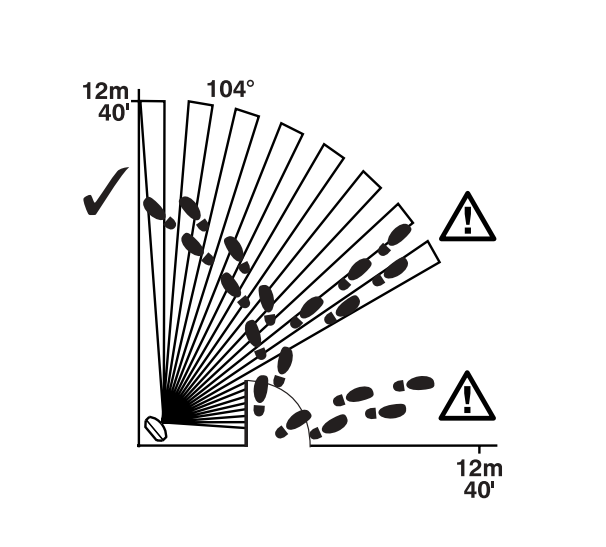
7 MOUNTING HEIGHT AND SETTINGS



8 ENSURE PCB IS AT THE CORRECT POSITION (FOR CHOSEN MOUNTING HEIGHT)



9 BEWARE OF OBSTRUCTIONS



10 MOUNTING THE MIRAGE
For Mirages only

Mount on a stable surface

11 CHOOSING A LOCATION
Avoid common false alarm sources

12 CHOOSING A LOCATION
A lens masking label is included to mask off problem zones

13 DO NOT ANGLE THE DETECTOR DOWNWARDS

14 WIRING
Do not run cable parallel to mains wiring

15 DETECTOR KNOCKOUTS

16 CEILING MOUNT BRACKET

17 WALL MOUNT BRACKET

Seal all holes