# Prestige 360 DT

Dual Technology Ceiling Mount Detector

INSTALLATION INSTRUCTIONS
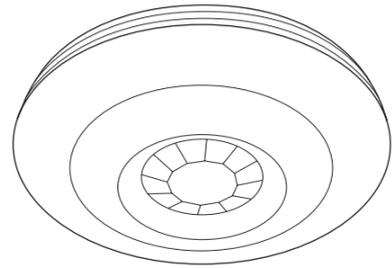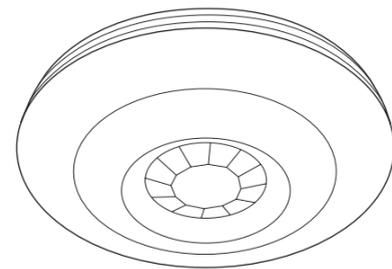
Texecom
Designed to Perform

INS 521

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1 ▶ CHOOSING A LOCATION
Avoid common false alarm sources

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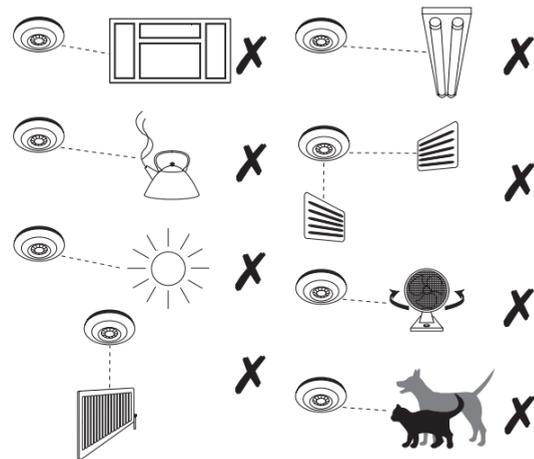
2 ▶ MOUNTING
For indoor use only

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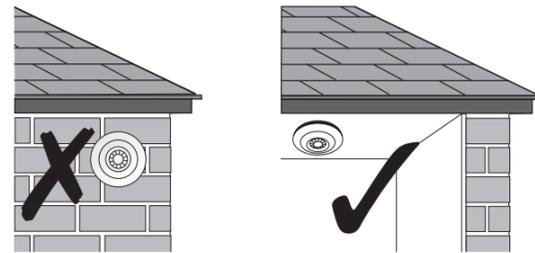
3 ▶ MOUNTING
Mount on a stable surface

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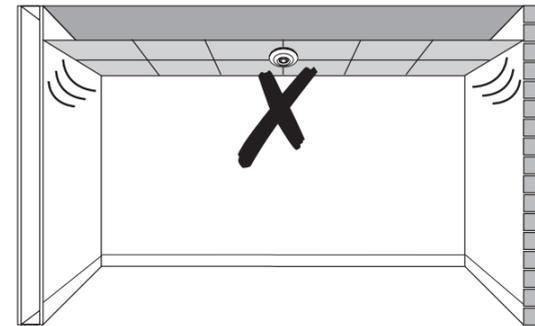
4 ▶ MOUNTING & COVERAGE

The recommended mounting height for the *Prestige 360 DT* is 2.4m (8ft). The detection range diameter will increase if mounted higher than 2.4m and decrease if mounted lower.

To open the *Prestige 360 DT* partially undo the retaining screw then insert a flat-head screw driver into opening slot and twist (see Section 6). The front cover may now be eased off from the underside of the casing.

Refer to Section 7 to select suitable knockouts for mounting the back on the ceiling.

VR1
MIN
MID
MAX

2.4m
3m
3.6m

Volumetric Coverage

| 0m | 2m | 4m | 6m | 8m | 10m |
| 0' | 6'7" | 13'1" | 19'8" | 26'2" | 32'9" |

0m — 0'
3.6m (12ft) 2.4m (8ft)
2m — 6'7"
7.0m (23ft)
4m — 13'1"
9.3m (30ft)
6m — 19'8"
Side View
(1 Pulse Setting)

10m — 32'9"
Top View
8m — 26'2"
6m — 19'8"
4m — 13'1"
2m — 6'7"
0m — 0'

0m 2m 4m 6m 8m 10m

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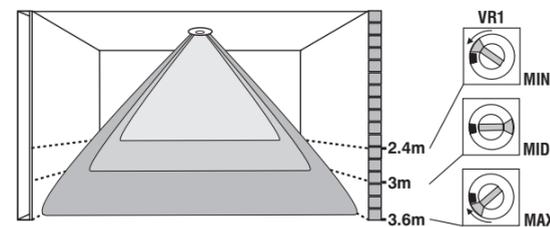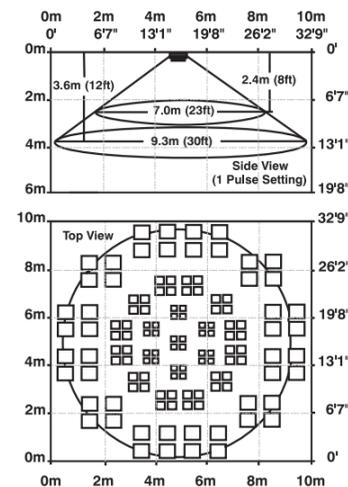
5 ▶ WIRING
Do not run cable parallel to mains wiring

230V 110V

QUALITY ASSURANCE

WARRANTY

10 year replacement warranty.

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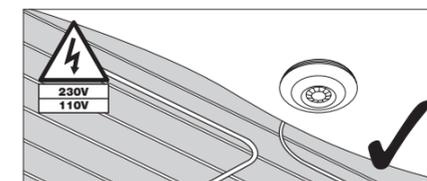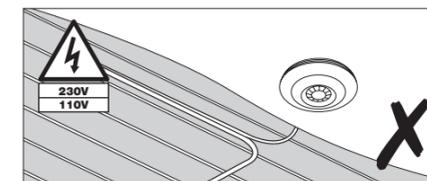
6 ▶ OPENING THE DETECTOR

OPENING SLOTS

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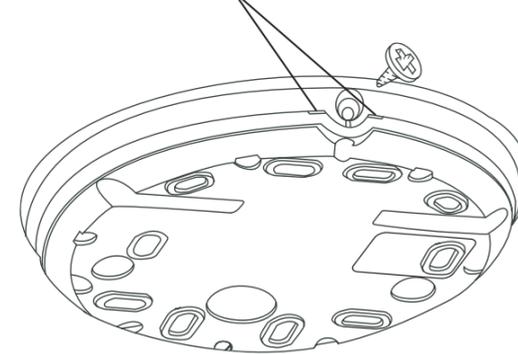
7 ▶ DETECTOR KNOCKOUTS
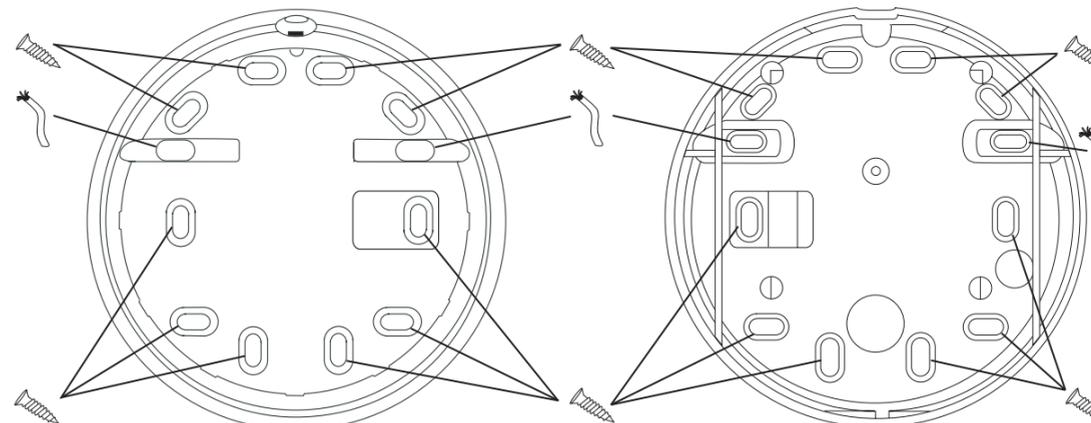
8 ▸ EOL RESISTOR JUMPER LINKS

The jumper links JP3 and JP4 (see Section 9) 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.

TAMPER   ALARM   12V   0V
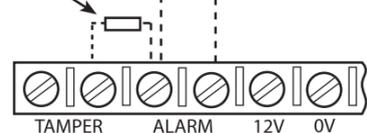
If EOL wiring is not used, the headers should be left in the default (O/C) position. If the required resistance values are not available, leave the headers in the O/C position and wire in external resistors as normal.

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

EXAMPLES OF EOL JUMPER LINK USE

TAMPER - JP3 → **ALARM - JP4**

1K0 { O/C
4K7 { 2K2

1K0 { O/C
6K8 { 4K7
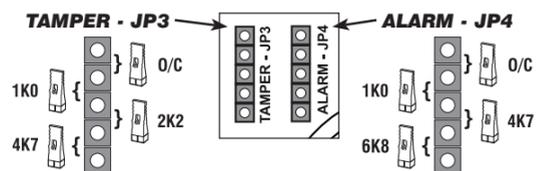
Double Pole
(jumper links not used)

TAMPER   ALARM   12V   0V   FTA   RLED

Dual End-of-Line
(DEOL)

EOL Zone

TAMPER   ALARM   12V   0V   FTA   RLED

9 ▸ DETECTOR SET-UP

JP2   ❌ LED OFF
JP2   💡 LED ON

1   JP1
PULSE COUNT
2   JP1
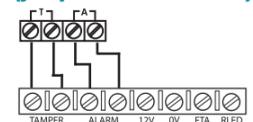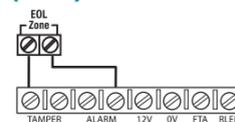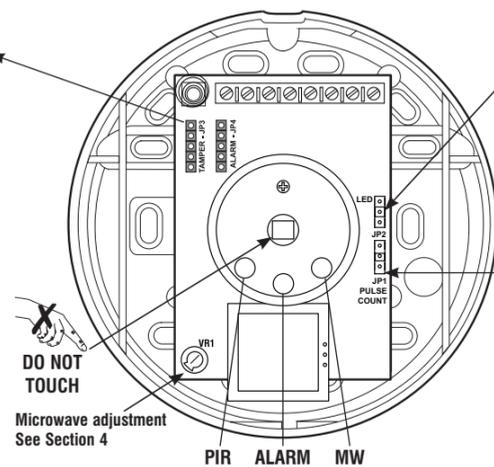
DO NOT TOUCH

Microwave adjustment See Section 4

PIR   ALARM   MW
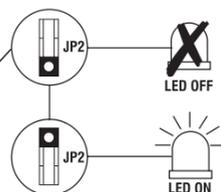
LED FUNCTIONS

Detector Status	Indication
Alarm:	Red
PIR:	Green
Microwave:	Orange

PULSE COUNT

1   2   3   4
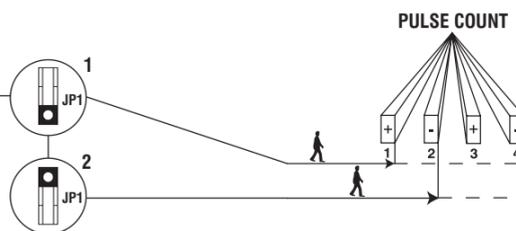
10 ▸ WIRING & DETECTOR SET-UP

<24Voc 50mA (N/C)
<24Voc 50mA, 18Ω (N/C)
Quiescent Current = 13mA @ 12Voc
Max Current = 28mA @ 12Voc
Control Input
12V   0V/NC

TAMPER   ALARM   12V   0V   FTA   RLED
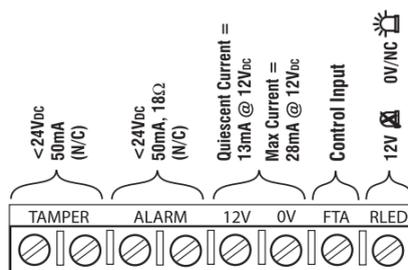
L/FTA Latch/First to Alarm input. Connect to "Set Positive" or "Alarm Positive" on alarm control panel. (Not suitable for use on entry/exit or intermediate (inhibited entry) zones).

RLED Remote LED disable input. Connect to 12VDC to disable LED, 0VDC to enable LED.

11 ▸ STANDARDS & APPROVALS

Detector Standard: EN 50131-2-4 Grade 2 Class II.

System Standard: Suitable for use in a PD 6662/BS EN 50131-1 Grade 2 system, Environmental Class II.

Weee Directive: 2002/96/EC (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.

RoHs Directive: 2002/95/EC RoHS Compliant. Hereby, Texecom Ltd declares that this device does not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated depheny ethers (PBDE) in more than the percentage specified by EU directive 2002/95/EC, except exemptions stated in EU directive 2002/95/EC annex.

CE Directive: 2004/108/EC (CE directive): Hereby, Texecom Ltd declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.

R&TTE Directive: 1999/5/EC (R&TTE Directive): Hereby, Texecom Ltd declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

CE 0682 ①

Frequency: 24Ghz

12 ▸ PHYSICAL

113mm (4.4")

30mm (1.2")

13 ▸ ENVIRONMENTAL

125g (4.55oz) approx.

-35°C (-31°F) to +60°C (+140°F)

-35°C (-31°F) to +55°C (+131°F)

INS 521