

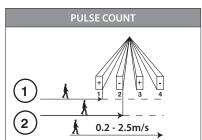
13 ft. 19 ft. 26 ft. 1 in. 8 in. 2 in.

32 ft. 9 in.

8 m 10 m

2 m

4 m 6 m



LED Condition	Indication	To Reset
RED on	Alarm condition	Automatically after a minimum of 2 seconds
ORANGE on	Microwave detection	Automatically upon no detection
GREEN on	PIR detection	Automatically upon no detection
GREEN flashing	Anti Masking condition	Automatically after masking condition has been removed
ORANGE flashing	Fault condition	Requires a power off/ on cycle
RED/ORANGE/ GREEN cycling	Auto-optimisation mode	Automatically within 3 minutes

PIR + MW	
DSP	
Coverage diameter 9m at 3.6m mounting height	
Fresnel lens	
24 GHz	
9 to 15 VDC	
2 V (at 12 VDC)	
Rated 94HB	
180 s	
23 mA	
2.4 to 3.6 m	
20 cm/s to 2.5m/s	
$<$ 24 VDC, 50 mA, NC, resistive load 34 Ω max.	
<24 VDC, 50 mA, NC	
>2 s	
116 x 33 × 116 mm	
115 g	
-10 to +55°C (14 to 130°F)	
0 to 95% noncondensing	
Yearly test by installer	

Contact information: www.texe.com



Specifications



EN: Installation Sheet

DescriptionThe Premier Elite AM 360DT is a ceiling mount dual technology detector, which is designed to detect a movement of an intruder, and to activate an alarm on a control panel. The product must be connected to a listed burglar system compatible control unit or power supply unit, which provides a suppl oltage between 9 and 15 VDC as well as a minimum 4 hours of standby power

Figure legends					
Item	Description	Item	Description		
Fig 2		Fig 8			
1.	Cable entry	1.	Pulse Count 1		
2.	Screw	2.	Pulse Count 2		
3.	Rear Tamper Pull-out for Grade 3				
Fig 5					
1.	Supply connector for 0 V and 12 V				
2.	Normally closed alarm relay output				
3.	Normally closed tamper output				
4.	Remote Test Input				
5.	Set input				
6.	Remote LED enable				
7.	Normally closed fault relay output				
8.	Spare (0V)				

Installation guidelines

- Installation guidelines

 The technology used in these detectors resists false alarm hazards. However, avoid potential causes of instability such as:

 Avoid mounting the detector where objects may interfere with the antimasking function (<1m, above doors, near curtains etc.

 The detector should not be mounted in direct sunlight.

- · Not suitable for outdoor use.

To install the detector:

- 1. Unwind the screw on the side of the detector until loose; the screw will be
- retained in the product (see Figure 1, item 1).

 2. Lift detector lid out from the base and off the lugs at the opposite end to the
- 2. Lift detector lid out from the base and off the lugs at the opposite end to the screw (see Figure 1, Item 2).

 3. Fix the base to the ceiling between 2.4 m and 3.6 m (8 and 12 ft) from the floor. For flat mounting use a minimum of 2 screws (DIN 7998) in any of the available positions (see Figure 2). Rear tamper pull-out needs to be secured to the mounting surface to meet Grade 3 requirements.

 4. Wire the detector (see Figures 4 and 5).

 5. Select the desired option settings (see Figure 6).

 On power-up the detector will temporarily enter an auto-optimisation mode to adapt to its environment. This will be shown by the LED's flashing in sequence. Allow 3 minutes for the optimisation to complete.

 During optimisation ensure that there are no obstructions in close proximity (<1 m) to the detector that will not be present during normal operation, as this could trigger a false masking signal.

INPLIT FUNCTIONS:

RLED:	12V/No connection:	LED's will function in accordance with jumper setting	
	OV:	LED's are enabled	
SET:	12V/No connection:	Detector is in the Standby/unset mode & microwave can	
		be disabled using jumper	
	OV:	Detector is in the Alert/set mode	
TEST:	12V/No connection:	Normal operation	
	OV:	Initiate remote self-test	

09: Initiate remote self-test
Triple End-Of-Line (T-EOL) (see Fig. 4)
The detector is designed to be connected to a single zone on control panels which feature Triple End-Of-Line compatibility. Alarm, Tamper, Fault and Masking are signalled on one pair of wires. To aid installation the resistor values can be selected via the jumpers. All the connections are normally closed. Masking is signalled by the alarm and fault relays opening simultaneously, this can be done by changing Option 3 jumper so only the fault relay is opened. (see Fig.6)

Fault Monitoring - A fault will be indicated by one of the following:

- Supply input voltage out of specification
- PIR sensor malfunction / microwave malfunction
- The fault will remain until the power is cycled off/on.
 This detector is capable of performing a self-test. There are two types of self-test; a local self-test and a remote self-test.

Self-Test
To meet the requirements of EN50131-2-4 this detector is capable of performing a self-test. There are two types of self-test, a local self-test and a remote self-test.

Local self test is controlled by the detector and runs periodically to test the functionality of the circuitry. Setting the Local Self Test Jumper to DISABLED will disable this function. If the test is passed no indication is shown but if it fails then a fault will be signalled to the panel and the LED lights orange (if enabled). The fault will remain until the power is cycled off/on.

Remote Self-Test

This test is initiated at the control panel. If the test is passed the green LED pulses twice in quick succession and alarm signalled but if it fails then a fault will be signalled to the panel and the LED lights orange (if enabled). The fault will remain until the power is cycled off/on. The panel is required to set the 'TEST' terminal low (0V) for activation of Remote Self Test

Walk Test

This test is initiated at the control panel. If this terminal (WT) is set low by the panel (0V) the unit will enter walk test mode (when LED indication J5 is disabled).

For the ex-factory settings, see Figure 5 & 6. Walk test (WT) voltage - Open Collector, 0 V active. Remote Test - Open Collector, 0 V active.

LED Indication (see Fig. 9)

Please Note: the Alarm condition has precedence in the event of multiple conditions being active.

Regulatory information

Supplier:Texecom Ltd, St. Crispin Way, Haslingden, Lancashire, BB4 4PW, UK. Security grade: EN Grade 3

Environmental class: Class II Standards: EN 50131-2-4

Standards: EN 50131-2-4
European Directives
2004/108/EC (CE directive): Hereby, Texecom declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.
2011/65/EU (RoHS Directive): Hereby, Texecom 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 2011/65/EU annex.
2012/10/EU (IMFEF directive): Products marked with this symbol cannot be

2012/19/EU (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.

Maintenance: To be tested yearly by the installer

Maintenance: To be tested yearly by the installer Warranty: 2 year replacement warranty The Premier Elite AM 360DT is not a complete alarm system, but only its part. Therefore Texecom does not accept any responsibility or liability for any damage that is claimed to be a result of an incorrect functioning of the Premier Elite AM 360DT detector. Texecom reserves the right to change the specification without a prior notice.