

**Vendor**                      **Description**

## DUAL TECHNOLOGY

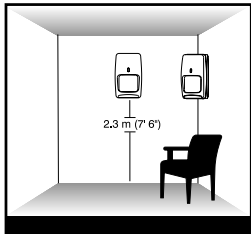
### CLASSIC

<b>B0779</b>	<b>DT-7435</b> DUALTECH, Infrared & Microwave Motion Sensor, Pet Immunity up to 45 kg, 10,6m x 12,1m.
<b>B0780</b>	<b>DT-7450</b> Designed for tough, commercial environments, the DT-7450 Motion Sensor achieves reliable protection with improved false alarm immunity through DualCore™ signal processing. Optimum performance is achieved using K-Band microwave technology, 15,2m x 18,2m.
<b>B0730</b>	<b>DUO 200</b> Dual technology PIR and microwave combination detector, true motion recognition (TMR), 12m x 12m
<b>B0729</b>	<b>DUET</b> Dual technology PIR and microwave combination detector, signal processing, 18m x 18m coverage.

### ANTI-MASKING

<b>B0781</b>	<b>DT-7550</b> DUALTECH, Anti-Masking, Mask Alert anti-mask processing, 15,2m x 18,2m.	
<b>B0732</b>	<b>DUO 220 AM</b> Dual Technology Pir & Microwave combination with TMR, 12m x 12m with dual creep zone and anti-masking.	
<b>B0766</b>	<b>DT 900</b> DUALTECH, range 27m x 21m, for Commercial and Industrial applications, Anti-Masking and Zero Clearance bug guard	
<b>B0767</b>	<b>DT 906</b> DUALTECH, long range 61m x 3m, for Commercial and Industrial corridor applications, Anti-Masking and Zero Clearance bug guard	

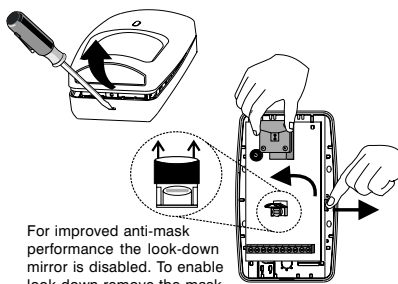
**1 Select the mounting location.**



**Mounting Location Guidelines**

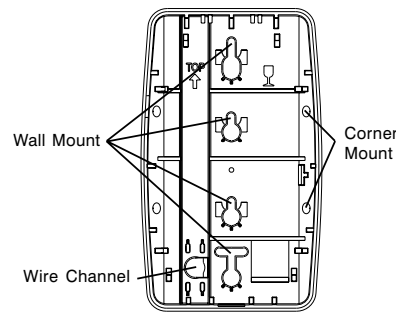
- 2.3 m (7'6") mounting height
- Avoid direct or reflected sunlight
- Aim sensor away from windows or heating/cooling devices
- Sensor must have a clear line-of-sight to protected area

**2 Separate the sensor housings and remove the printed circuit board (PCB).**



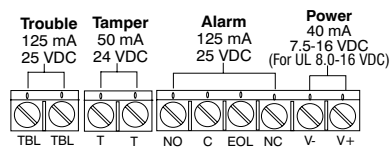
- Use a small screwdriver to unfasten the housing latch. Gently pull apart the housings.
- Push outward on the PCB latch and lift the PCB out of the housing.

**3 Mount the unit.**



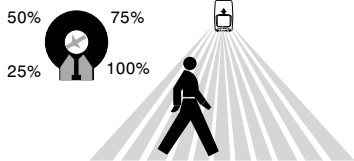
- Slide the wire through the wire channel in the back housing.
- Mount the back housing flat against a wall or in a corner.
- Replace the PCB.

**4 Wire the unit.**



- Connect wires as shown using 0.3 - 1.0 mm<sup>2</sup> (18 to 22 gauge) wire size. Observe proper polarity.

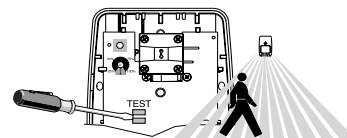
**5a Walk-test the sensor.**



- Set Switch 3 to select the appropriate fluorescent light filter (see Dip Switch chart on the next page).
- Apply power to the unit. Initialization and mask detection are complete when the LED stops flashing slowly.
- Adjust the microwave range to minimum setting (25%) by turning the range adjustment counterclockwise using a small screwdriver.
- Replace the front housing.
- Begin walking through the detection area.
  - The LED will turn red, indicating an alarm detection.
- Increase the microwave range as necessary.
- Repeat the items in step 5a until proper detection range is obtained.

**5b Optional: Walk-test using Zone Finder**

Use the Zone Finder mode to identify the PIR and/or microwave pattern. In Zone Finder mode the red LED is disabled.



- Use a screwdriver to short the test pads.
- During the Zone Finder walk-test mode, the LED turns:
  - green for one second for every PIR detection;
  - yellow for two seconds for every microwave detection.
- Adjust the microwave range as necessary.
- Zone finder mode times out after ten minutes.

**Vendor**

**Description**

**CEILING MOUNT**

**B0795**

**DT 7360**

The DT-7360 is a microcontroller-based DUAL TEC motion sensor containing all the advantages of DUAL TEC accuracy and reliability in a desirable ceiling mount design. The DT-7360 has a 360° field of view and a 50'/15m diameter pattern.

**B0731**

**DUO 240**

Dual technology PIR and microwave combination detector, true motion recognition (TMR), 360 deg ceiling mount, 9m range up to 4.5m mounting height.

**OUTDOOR**

**B0719**

**MS100 E**

With a selectable protection pattern of 10 m wide angle or curtain, Long range 20 m, Multi pattern adjustment supplied lenses allow unit to be used as vertical curtain, horizontal curtain, wide angle or spot detector. Internal sensor rotates by 180 degrees. Day/night sensor.

**B0811**



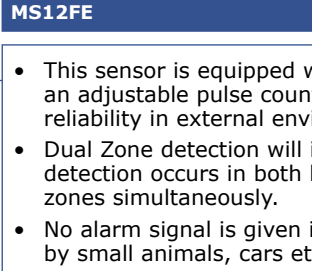
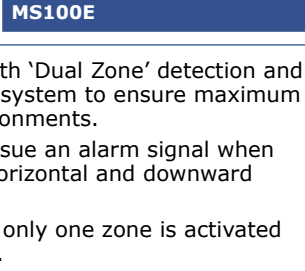
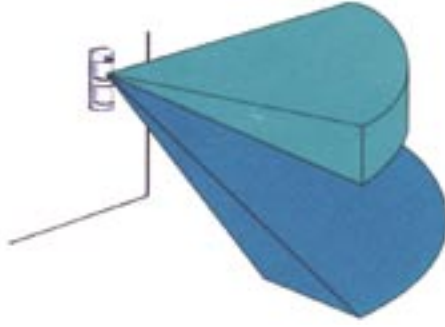
**Curtain PM**

Dual Technology Detector: PIR sensor + Microwave sensor 3° Narrow curtain. 12m x 0.63m with and/or detection mode. 10 year warranty.

## Vendor

## Description

**OUTDOOR** (continued)

<b>B0801</b>	<b>Guard</b> Outdoor/Indoor PIR with microwave, waterproof, pet immune and anti masking detector. 16m x 12m, 10 year warranty with and/or detection mode.		
<b>B1225</b>	<b>MS12FE Wireless detector</b> Dual zone detector, with detection in both horizontal and downward zones. Pet immunity for small animals. 180° coverage detection 12m with and/or detection mode. Mounting height 0.8m to 1.2m.		
<b>B0985</b>	<b>MS12FE</b> Dual zone detector, with detection in both horizontal and downward zones. Pet immunity for small animals. 180° coverage detection 12m with and/or detection mode. Mounting height 0.8m to 1.2m.	<ul style="list-style-type: none"> <li>• This sensor is equipped with 'Dual Zone' detection and an adjustable pulse count system to ensure maximum reliability in external environments.</li> <li>• Dual Zone detection will issue an alarm signal when detection occurs in both horizontal and downward zones simultaneously.</li> <li>• No alarm signal is given if only one zone is activated by small animals, cars etc.</li> </ul> 	
<b>B0836</b>	<b>PRO 18WH Volumetric, nom range 27m</b> Volumetric, Nominal range 27m universal bracket included		
<b>B0835</b>	<b>PRO 45 Curtain, nom. range 50m</b> Nominal range, max 50 m bracket included		
<b>B0841</b>	<b>PRO 100 medium range PIR</b> Medium range, max 120 m, universal bracket included		
<b>B0840</b>	<b>PRO 150D long range PIR</b> Long range Pir max range 150 m		

**DUAL ZONE SYSTEM (TX114R)****ADPRO ACCESSORIES**

<b>B0837</b>	<b>Pole Mounting Bracket (18, 45, 85 and 100 series PIR)</b> Pole Mounting Bracket (18, 45, 85 and 100 series PIR)
<b>B0839</b>	<b>Mounting bracket for PRO 150</b> Mounting bracket for PRO 150
<b>B0838</b>	<b>Universal Bracket Replacement (PRO 18,45,85 and 100 series PIR)</b> Universal Bracket Replacement (PRO 18,45,85 and 100 series PIR)
<b>B0843</b>	<b>IT-44 Tester for PRO 150/250</b> IT-44 Tester for PRO 150/250
<b>B0844</b>	<b>IF 485A Interface programming module for PRO 18W/45</b> IF 485A Interface programming module for PRO 18W/45
<b>B0842</b>	<b>AD851 Telescope for PRO 100/150/250</b> AD851 Telescope for PRO 100/150/250

