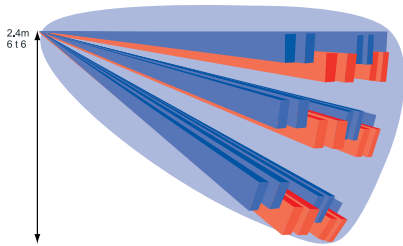




TWO MOVEMENT DETECTOR
"OUTSTANDING PERFORMANCE
OPTIMUM RELIABILITY"

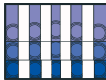
15m Vertical Coverage



Lens Facets

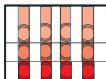
PIR and Microwave

Volumetric
 90°
 30 Zone edges
 3 Planes



PIR

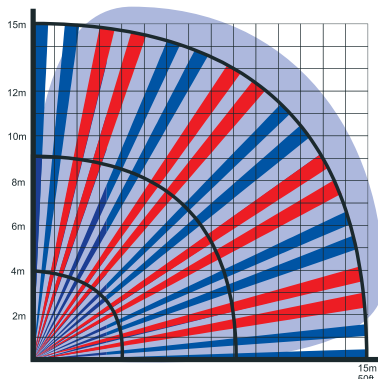
Volumetric
 69.3°
 24 Zone edges
 3 Planes



Key

■ = PIR and Microwave ■ = PIR

15m Horizontal Coverage



EN 50131-2-4:2008
 EN 50131-1:2006+A1:2009
 PD 6662:2010
 Security Grade 3
 Environmental Class 2

Overview

The TMD 15[®] is a unique product boasting 2 non-overlapping detectors; a PIR and a dual technology in 1 robust housing. Based on Pyronix' tried and tested patented technologies which has been proven over the last 20 years coupled with innovative features, the TMD 15[®] is ideal for use on new systems or for retro fits upgrading to PD 6662 / EN 50131-1 Grade 3 & EN 50131-2-4.

The TMD 15[®] offers you outstanding detection performance with optimum reliability designed to meet the latest industry regulations.

- 15m Volumetric PIRs
- 1-15m Adjustable Microwave
- Ability to operate as TMD (Two Movement Detectors) or TriCover[®]
- Interdigitated fields of view (Patent pending)
- Unique Patented Anti Masking detection
- Ability to detect masking of either PIR or Microwave
- Anti Block technology (patent pending)
- Selectable EOL (End of Line) Resistors
- 4 LED indications
- Low power consumption
- Remote LED Enable
- Active Self Test
- Low Voltage Fault Detect
- Independently Tested

UNIQUE Patented Anti Masking Technology

Pyronix' patented technology offer the ultimate in masking detection. Unlike other detectors on the market, there is mask protection on both the PIR and Microwave.

No matter what substance is used to mask; paper, sprays, lacquers, cellotape, cardboard boxes, once the protective microwave anti mask bubble has been breached and either technology masked, the TMD 15[®] will go into a mask condition.



UNIQUE Anti Blocking Technology (patent pending)

This high security mode provides blocking detection in day mode, providing the ultimate protection against accidental or deliberate blocking.

Scenario 1

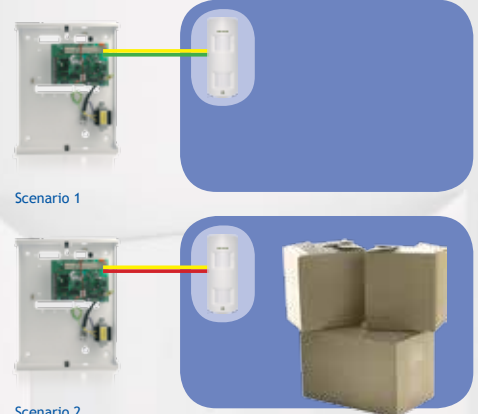
The Detectors field of view is clear, the panel can be armed.

Scenario 1

Scenario 2

The detectors field of view is blocked, the panel cannot be armed until the blockage is removed.

Scenario 2



UNIQUE Simple to Install

LED Indications

BS2843:2010

The 2 detectors within the TMD 15[®] are non-overlapping and have separate relay outputs. These outputs signal independently to the control panel and consequently the ARC (Alarm Receiving Centre) in the event of an activation. The TMD 15[®] enables a cost effective and efficient sequential confirmation system.

EN 50131-2-4 / EN 50131-1 / PD 6662

The TMD 15[®] boasts an anti-masking feature, where PIR and Microwave are both anti-mask protected. This means that the TMD 15[®] is suitable for use in high risk environments and for use in EN 50131-2-4 / EN 50131-1 / PD 6662 Grade 3 systems.

Ideal when walk testing or in the event of an alarm activation, the quad LED indication provides an indication of all technologies and detectors.

Push Connectors

Rather than having to use a screwdriver on the terminal blocks, simply use the push connectors which will firmly hold the wires in place. Again, minimising installation time and enabling you to make savings.

Selectable EOL (End of Line) Resistors

Minimises installation time enabling cost and time savings by simple selection of end of line resistor values for the alarm, tamper & fault / mask outputs.

Foam Gasket Sealed Optics

Forms a sealed area between the sensing element and lens, stopping air flow and insect infestations in the optics, reducing the potential risk of false alarm activations.

TMD Printed Circuit Board

