

TMD15TM

GRADE 3

2 Non-Overlapping Detectors in 1
Sequential Confirmation



TWO MOVEMENT DETECTOR
"OUTSTANDING PERFORMANCE
OPTIMUM RELIABILITY"

Pyronix
www.pyronix.com

Overview

The TMD 15TM 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 15TM is ideal for use on new systems or for retro fits upgrading to PD6662 / EN50131-1 Grade 3.

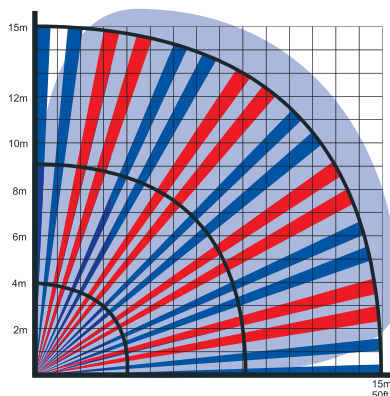


EN50131-1
PD6662:2004
Security Grade 3
Environmental Class 2

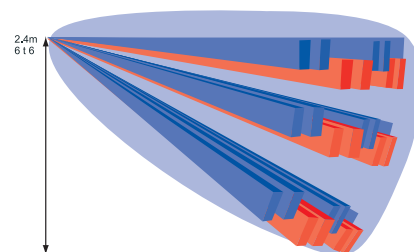


The TMD 15TM offers you outstanding detection performance with optimum reliability designed to meet the latest industry regulations.

- 15m Volumetric PIRs
- 5-15m Adjustable Microwave
- Ability to operate as TMD (Two Movement Detectors) or TriCoverTM
- 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

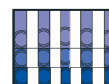


15m Vertical Coverage

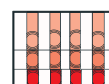


Lens Facets

PIR and Microwave
Volumetric
90°
30 Zone edges
3 Planes



PIR
Volumetric
69.3°
24 Zone edges
3 Planes



For More Information

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TMD15TM

GRADE 3

Meeting the Standards



DD243:2004

The 2 detectors within the TMD 15TM 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 15TM enables a cost effective and efficient sequential confirmation system.



EN50131-1
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EN50131-1 / PD6662:2004

The TMD 15TM boasts an anti-masking feature, unlike other sequential confirmation detectors currently on the market. This means that the TMD 15TM is suitable for use in high risk environments and for use in EN50131-1 / PD6662 Grade 3 systems.

UNIQUE

Patented Anti Masking Technology

Pyronix' patented technology offers 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 15TM 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

