

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.

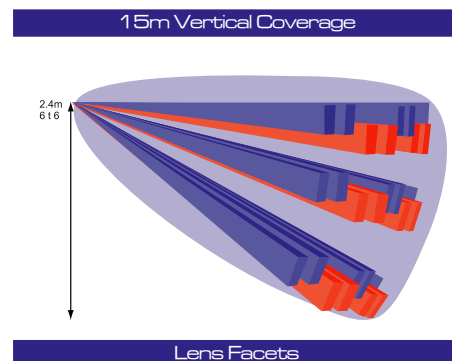
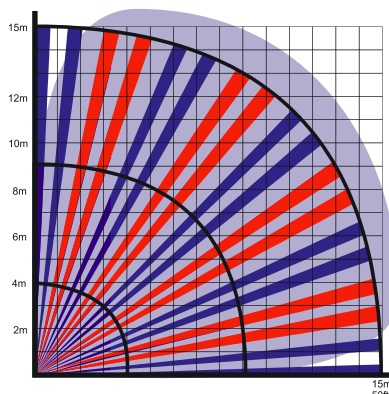


**EN50131-1
PD6662:2004**
Security Grade 3
Environmental Class 2

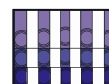


The TMD 15TM offers you outstanding detection performance with optimum reliability designed to meet the latest industry regulations.

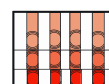
- 15m Volumetric PIRs
- 5-15m Adjustable Microwave
- Ability to operate as TMD (Two Movement Detectors) or TriCoverTM
- Interdigitated fields of view (Patent pending)
- Unique Patented Anti Masking detection
- Ability to detect masking of either PIR or Microwave
- Anti Block technology (patent pending)
- Selectable EOL (End of Line) Resistors
- 4 LED indications
- Low power consumption



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
PD6662:2004
Security Grade 3
Environmental Class 2

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.



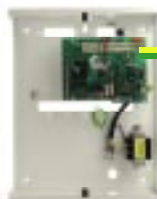
UNIQUE

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

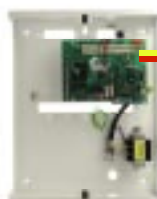
The Detectors field of view is clear, the panel can be armed.



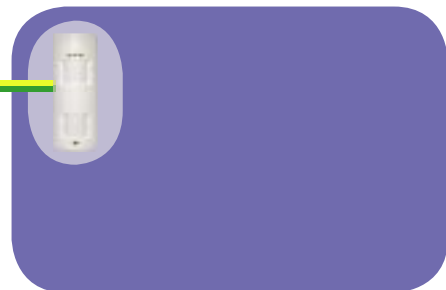
Scenario 1

Scenario 2

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



Scenario 2



TMD15TM

GRADE 3

UNIQUE

Simple to Install

LED Indications

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. Advantage can be taken of the new feature on the PCX[®] Grade 3 panels whereby alarm, fault / mask and tamper can be signalled on one zone.

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.

UNIQUE

TMD (Two Movement Detectors) or TriCoverTM

Simply by moving a switch on the pcb, the TMD 15TM can be selected to operate as a sequential confirmation or triple coverage detector.

TMD mode - Provides the simple solution to sequential confirmation by operating as 2 Independent detectors in 1 housing with non-overlapping fields of view and separate relay outputs

TriCoverTM Mode - Triple coverage ensures that an alarm will not occur unless all 3 detector fields are activated in a particular sequence. Offers unparalleled stability in the elimination of false alarm activations.



MAKE THE GRADE

with  **Pyronix**

www.pyronix.com

TMD15 GRADE 3

2 Non-Overlapping Detectors in 1

Combined PIR and PIR / Microwave Detector

Sequential Confirmation Detection

Can operate as TMD (Two Movement Detectors) or as **TwoCover™**

Interdigitated Fields Of View

Unique patented Anti-Masking detection

Anti-block Technology (patent pending)

Selectable EOL (End of Line) Resistors

Low current consumption



PCX50 Grade 3

8 to 50 Zone Control Panel

50 Fully programmable zones

40 Programmable outputs

4 Arm modes or 4 partitions

100 User codes

750 Event memory log

Contact ID, Fast Format

On-board diagnostics



Kudos® AM 3-in-1

3-in-1 Anti-Masking Detector

15m Volumetric Dual Technology

25m Vertical Curtain PIR

45m Long Range PIR

Unique patented anti-masking detection

Anti-block Technology (patent pending)



15DTAM SERIES

3 in 1 Anti-Masking Detector

15 Volumetric Dual Technology

18m Vertical Curtain PIR

30m Long Range PIR

Unique patented Anti-Masking detection

Anti-block Technology (patent pending)

Selectable EOL (End of Line) Resistors



For further information

visit www.pyronix.com or email marketing@pyronix.com