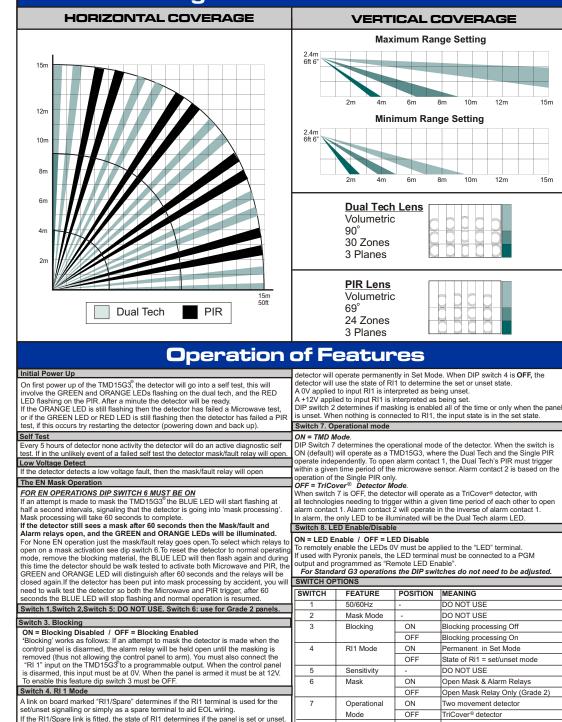
Coverage Pattern And Plan View



LED Enable

8

The actions that can be performed in set and unset mode are also determined by

DIP switch 4 and 2 DIP switch 4 controls the action of RI1. If the switch is **ON** the

ON

OFF

Enable LEDs

Disable LEDS



Microwave Detection Range:	15m PIR and 1-15m microwave
Mask Detection Range:	0m - 1m masking
Detection Zones:	27°facets,54 zones in total. <i>Top Lens</i> : 5 columns, 15 facets, 30 zones 90°field of view none-overlapping zones <i>Bottom Lens</i> : 4 columns, 12 facets, 24 zones 69 field of view none-overlapping zones
Detection Speed:	0.25 - 2.5m/s
Operating Voltage:	9-16Vdc, 13.8Vdc typically
Current Consumption:	24mA @ 13.8Vdc Quiescent
Relay Output:	3 x SELV limits; 60Vdc 50mA (42.4Vac peak
Mounting Height:	1.8 - 2.4m = 15m. 3m = 12m
Tamper Switch:	12Vdc 50mA both front and rear
Storage Temperature:	-40°C to +80°C (-40°F to +176°F)
Operating Temperature:	-30°C to +70°C (-22°F to +158°F)
Emissions:	EN55022 Class 2
Immunity:	EN50130-4

Suggested Specification Detail: A dual technology (PIR/Microwave) movement detector having a range capability of 15 metres and five detection columns within an overall angle of coverage of 90 degrees. This is non-overlapping with a PIR movement detector, which has a range capability of 15 metres and four detection columns with an overall angle of coverage of 69 degrees installed in the (location) and at a height of (x) metres.

TMD (Two Movement Detectors) or TriCover®

mode

TMD

Simply by moving a switch on the pcb, the TMD 15 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.

TriCover®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 activations





TMD15

RAD

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This product is approved for use in the Residential, Commercial and Light Industrial Environment.



This product complies with TS50131-2-4, at security grade 3. environmental class 2. UK = Suitable for use with systems installed to PD6662:2004 (AMD) EXPORT = Suitable for use with systems installed to EN50131-1

Customer Support Line: 0845 6434 999 (local rate) or 01709 535225

Hours of business: 8.00am - 6.30pm E-mail: customer.support@pyronix.com website: www.pyronix.com

Pyronix Limited, Pyronix House, Braithwell Way, Hellaby, Rotherham, S66 8QY. UK

WARRANTY

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of five years.

In the interest of continuing improvement of quality, customer care and design, Pyronix Ltd reserves the right to amend specifications, without giving prior notice.

