

FIGHTING CRIME, AND THE CREDIT CRUNCH!

Installers will have no doubts that the electronic security sector is highly competitive, and as the economy shrinks, so more engineers are looking for an 'edge' when pitching for jobs. Originally designed to deliver 'confirmed' activations in line with DD243, the TMD15 from Pyronix also can offer benefits when it comes to beating the credit crunch!

The insistence by the police that new systems produced confirmed activations caused much consternation in the industry a few years back, and attempts to address the issue caused much debate. However, DD243:2004 is still with us, and nowadays systems designed to elicit a first response from the police must generate confirmed activations.

The most common approach to this is to install separate detection devices in areas with potential points of entry, thereby allowing genuine events to be signalled as quickly as possible. The downside of such an approach is that it quickly pushes costs up, as additional devices must be installed. However, there is another approach that allows fewer devices and less cabling to be used.

Given the current economic situation, this means that not only can your alarm systems meet all the standards, but your job can be made easier by installing one combined detector rather than two separate units. This saves on the actual devices, plus it removes much cabling, and we all know that cabling forms a significant part of the installation costs. There is also less making good, less stock tied up in the back of your vans and installers signing off more jobs!

All in one

The TMD15 from Pyronix has been designed as an intruder sensor that delivers a sequential confirmation as specified in DD243:2004 and relevant to the ACPO Security Systems Policy. The detector is also ideal for systems that comply with PD6662/EN50131-1 Grade 3. It meets the relevant standards as well as saving money!

The TMD15 comprises of two sensors – one PIR and one dual technology unit – in a single housing to ensure simple and quick installation. The detection fields are non-overlapping to prevent any problems with nuisance activations. As a result, the TMD15 provides a high level of detection performance coupled with reliability while meeting the relevant industry regulations.

Under DD243:2004, directions are given for the design and installation of systems that deliver a verified alarm activation. Some installers have

approached such system design by installing two separate detectors. However, the concept of using a single detector with two non-overlapping independent sensors makes a lot of sense. Not only does the customer end up with one sensor rather than two, but there is also only one cable run, keeping disruption to a minimum, as well as saving valuable installation time.

The TMD15 is an ideal product for installations that require compliance with DD243:2004 as it utilises two non-overlapping detectors; a PIR and a dual technology detector, all in a single robust housing. Based on Pyronix's patented technologies, the TMD15 is also compliant for use in new systems or for retrofits upgrading to PD6662/EN50131-1 security grade 3.

Features of the TMD15 include a volumetric PIR with a range of 15 metres, plus a dual technology detector, again featuring a 15 metre volumetric PIR plus a microwave element with an adjustable range of 5 to 15 metres.

The detector can be configured to act as two independent movement detectors, or in TriCover mode. TriCover mode allows the detector to operate so that an alarm activation will not occur unless the three detection fields sense activity in a particular order.

Installation is further enhanced by integral EOL resistors and four LEDs for detector status.

In summary

The TMD15 has been designed to offer an enhanced level of security in applications that are required to meet EN50131-1/PD6662 security grade 3, as well as giving verified activations as specified in DD243:2004. As such, the detector will be of interest to installers looking for a sensor to use in higher risk applications where a police response is required.

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Why install two separate detectors, when you can simply fit the TMD15 sequential confirmation detector for your Grade 2 and 3 installations? **Why go to the expense of two individual detectors? Why spend more time on-site to run two separate cables and install two separate detectors? Make the difference to your bottom line profits ...**

The TMD15 Grade 3 The 2-in-1 detector



The TMD 15™ is a unique product boasting two non-overlapping detectors; a PIR and a dual technology in one 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 PD6662 / EN50131-1 Grade 3.

- 15m Volumetric PIRs
- 5-15m Adjustable Microwave
- Operation as 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