

External Detector

High Security Outdoor Protection:
10m range anti-mask/tri technology detection.



XD10TTAM

The XD10TTAM is a high security outdoor detector from Pyronix, combining established and patented technologies such as Tri Digital Detection Signal Processing and Tri Anti-Mask Technology which have been adapted to enhance its performance in extreme outdoor conditions.



 **Pyronix**[®]
www.pyronix.com

Features and Specifications

The XD10TTAM Features



Tri Detection Range

The range of XD10TTAM is determined by the combined range of the three detection technologies it uses that are two PIR sensors and one microwave detector.

The microwave detector range is adjustable from 0m to 15m while the PIR range is fixed to 10m. The Tri Detection range is adjustable by changing the microwave detection range. For best performance in outdoor conditions the Tri Detection range is specified to 10m to 13m depending on the lens fitted to the PIR detectors

2.4m Installation Mode (Lens 5)

In this mode the detector is installed at height of 2.4m providing volumetric coverage of the area and animal immunity of up to 10kg. This is the factory default.

1.5m Installation Mode (Lens 3)

In this mode the detector is installed at an height of 1.5m providing horizontal curtain coverage of the area and animal immunity of up to 25kg. This is an alternative configuration where the detector is fitted with the supplied Lens 3.

Heavy Duty Ultra Violet Filter

Ultra violet light is always present in our environment. It is particularly strong at high altitude and sea side. The exposure to such high radiation reduces performance and can fully blind the PIR lenses. Therefore the XD10TTAM lenses are manufactured to high standards and coated with a heavy duty ultra violet filter to ensure their protection from UV radiation.

Hood and Optional Bracket

Both, the hood and the back of the XD10TTAM are equipped with a cable channel, as well as back wall tamper for added protection.

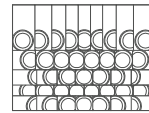
The Hood is fixed to the back of the detector to secure its high performance in any weather condition.

Wall Bracket (optional)

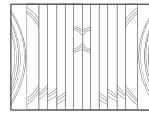
The optional heavy duty tamper proof bracket consists of a cable through feature for easy installation and added security as the wires are hidden away within the bracket. It moves 45° left and right allowing a total area coverage of up to 90° when two detectors are installed next to each other. If for any reasons the wire can not be hidden in the bracket there is the possibility to install a conduit to protect the cables.



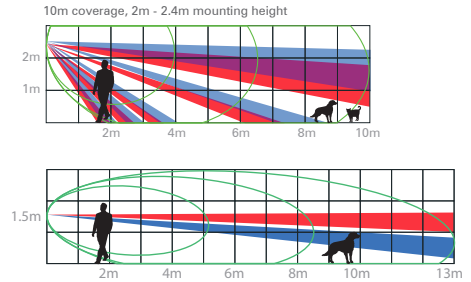
Lens Coverage



Lens 5
Volumetric
90°
78 Zones
5 Planes



Lens 3
Horizontal Curtain
142°
24 Zones
Single Plane



Supplied Masking Grids

Fixed Masking Grid

The fixed masking grid is used to create two non overlapping detection areas. This is recommended to be used on installations in extremely harsh environmental conditions where exposure to direct, low and bright sun light and reflections on snow covered surface is unavoidable.

Adjustable Masking Grid

The adjustable masking grid allows the creation of targeted protection areas by removing strips from the grid. This allows the creation of: (1) Specific targeted detection areas; (2) Further prevention from possible false alarm activations caused by swaying trees or passing traffic within the Tri Detection range.

