

XDH10TT-AM



Highly secure outdoor detection performance

Enhanced performance in even the most extreme conditions

Combining established and patented Grade 3 and Grade 4 Pyronix technologies, the XDH10TT-AM delivers powerful perimeter protection. Advanced and enhanced, the XD delivers optimum performance in even the most extreme outdoor weather conditions.

www.pyronix.com

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Resolute reliability with Tri-Technology (TT) & Tri-Signal Detection Logic

Consisting of two independent Passive Infrared (PIR) sensors and one microwave sensor in one common housing, the Tri-Technology (TT) of the XDH10TT-AM delivers advanced outdoor protection. To identify the presence of an intruder, the XDH10TT-AM utilises Tri- Signal Detection Logic alongside TT, whereby to identify the presence of an intruder, all three sensors of the XDH10TT-AM need to be activated sequentially in quick succession to create an alarm.

Ultimate outdoor performance with Anti-Sway Analytics

An advanced filter that is designed to protect against false alarm activations in environments with windy weather conditions and swaying vegetation. With Anti-Sway Analytics, the XDH10TT-AM maintains optimum levels of performance, as the filter allows it to distinguish between the regular movement of trees and plants from the movements of an intruder.

Arming safely & beat the burglar with Anti-Interference Technology

• Anti-Masking

This Grade 3 technology provides superior protection against any attempts to mask any of the three technologies within the detector with a variety of materials, such as: cardboard, duct tape, sprays, lacquers or aluminium foil.

• Anti-Blocking

This Grade 4 technology prevents the system from being armed if there is anything blocking the field of view of any of the sensors within the detector. This would then need to be removed before the system will arm.

Avoid false alarms with Blue Wave Technology (BWT)

• Digital temperature compensation

Digitally adjusts the sensitivity of the detector to maintain its specified range when the background temperature is close to body temperature.

• Independent Floating Thresholds (IFT)


Eliminates electrical environmental disturbances by ensuring alarm thresholds are always kept within predetermined limits.

• Different microwave frequencies

Avoids interference (cross-talk) that can occur when two detectors with microwave modules in them are installed within close proximity of each other. This optimises detector stability.

Easy installation

The XDH10TT-AM has been developed for maximum protection, fitted with maximum installation ease and convenience:

Partcode	XDH10TT-AM
Optical & Range Features	
Adjustable anti-masking (Anti-spray) technology	✓
Volumetric coverage	✓
Long range curtain coverage	✗
Maximum range	10m
Optimal installation height	2,4m
Technical Characteristics	
Anti-blocking technology	✓
Animal immune	10kg
Triple detection logic: 2x infrared + 1x microwave	✓
Automatic sensitivity	✓
Digital Independent Floating Threshold (IFT) technology	✓
Digital temperature compensation	✓
Separate indication: Microwave, Infrared, Alarm	✓
3 microwave frequencies to avoid interference	✓
Integrated buzzer	✓
DEOL resistors on board	✓
Tamper protection included	✓
Accessories	
2 adjustable masking lenses included	✓
2 fixed masking grids included	✓
Certification & Warranty	
Electrical conformity	CE
Environmental class	IV
	Self-certified
Warranty	2 years

• Walk-test buzzer

Allows the installer to perform an easy and quick walk-test during the installation process, as well as providing them with an audible indication of a presence within the detection area (if required). This will create a buzzing noise to indicate an alarm activation. The buzzer can be disabled if it is not required.

• Status LED indication

These indicate the detection technologies as they detect, with green indicating the top PIR, red indicating the bottom PIR, orange indicating the microwave and blue indicating an alarm activation.

• Selectable EOL resistors

The XDH10TT-AM incorporates various EOL tamper, alarm and masking resistor values to cater DEOL or 3EOL wiring for most control panels on the market.