

Code: XDL12TTAM1

OUTDOOR PIR AND MICROWAVE DUAL DETECTOR **XDL12TTAM1** PYRONIX

The XDL12TTAM1 detector are two dual-element passive infrared sensors with microwave unit for outdoor applications. It is designed to outdoor usage in most severe and extreme acclimate conditions that may also accommodate pets up to 24 kg.

High reliability is achieved by hardware combining technologies such as Tri-Digital Detection Signal Processing and Tri-Anti-Mask Technology, reducing practically false alarms alerts to zero.



Application:	Outdoor
Sensor type:	2 x PIR detector + Microwave (MW)
Pyroelectric sensor:	Double x 2
Range:	12 m
Detection angle:	85 ° / 17 °
Sensitivity adjustment:	✓
Autodiagnostics:	✓
Alarm output:	NC / EOL-NC / 2EOL-NC / 3EOL-NC
Pet immunity:	≤ 24 kg
Prealarm feature:	—
Maximal outputs load:	60 V DC / 50 mA
Digital temperature compensation:	✓
Antimask feature:	✓
Microwave frequency band:	10.515 GHz, 10.525 GHz, 10.535 GHz, 10.579 GHz

Power supply:	9 ... 16 V DC
Maximal current consumption:	24 mA @ 13.8 V
LED indication:	• MW detector • PIR detector • Alarm signaling
Recommended installation height:	1.2 m
Target speed range:	0.25 ... 2.5 m/s
Main features:	• "Index of Protection" - IP55 • EN 50131-2-4, EN 50131-1 • Advanced digital algorithm of vegetation sway elimination (trees, bushes) • digital detection algorithm with temperature compensation for high immunity to false alarms and repeatability of parameters • Immunity to environmental changes • Creep zone control • Tamper detection - opening the enclosure, removing from mounting surface • Blocking function - detecting potential intruders behind the obstacles and prevents arming the system until the function is reset with a walk test
Operation temp:	-30 ... 70 °C
Protection class (Grade):	Grade 3
Color:	Light gray
Weight:	0.362 kg
Dimensions:	180 x 84 x 75 mm
Manufacturer / Brand:	PYRONIX
SAP Code:	361300882
Manufacturer's code:	XDL12TT-AM
Guarantee:	5 years