

**MAXIMUM Security (1984) Ltd.**

# OUTDOOR / INDOOR MOTION DETECTORS



**WALL  
GUARD**

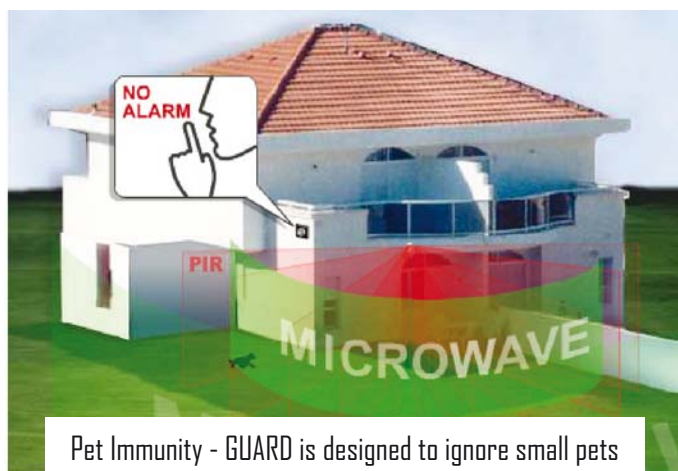
## COMBINED DOUBLE PIR WITH MICROWAVE TECHNOLOGY

The "wall" GUARD has two synchronized PIR sensors that produce a 3D thermal imaging of the protected area, which it combines with microwave scanning technology to provide enhanced detection capability with increased reliability and immunity to false alarms.

Using this technique allows high sensitivity level adjustment in both detection technologies without the need for pulse count.

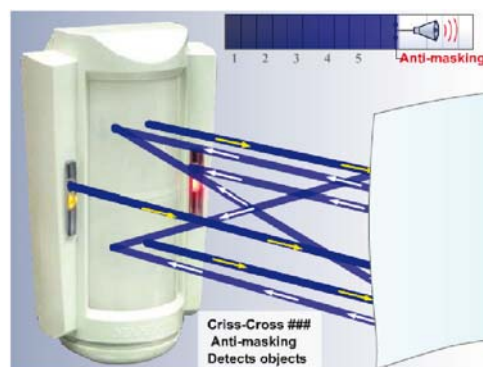
Product comes with a 10 year warranty.

Main features include:



Pet Immunity - GUARD is designed to ignore small pets

Weatherproof and able to operate in very cold temperatures

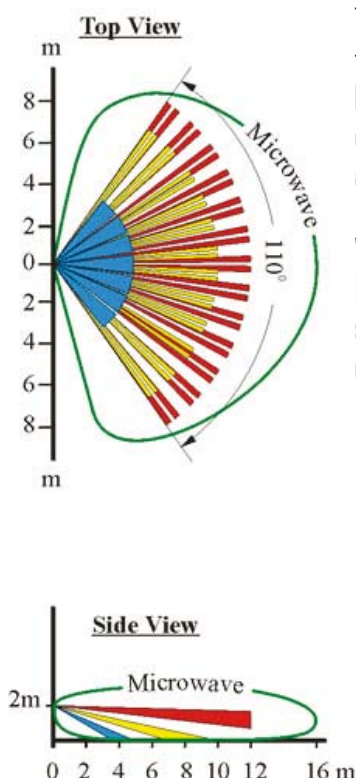


Masking, Tamper, Shock and Vibration Detection

Auto Temperature Compensation

High level of RFI / EMI immunity

### COVERAGE



The "wall" GUARD is very suitable for installation on buildings at a height of 2 metres. The multi-directional mounting bracket allows for on-site adjustments.

Wide-angle (110°) field-of-view. Both PIR and microwave sensitivities can be adjusted to suit environment.



### TECHNICAL SPECIFICATIONS

Model	Wall GUARD
Detection method	Passive Infrared & Microwave Frontal anti-masking with Active Infrared
Coverage	140 m <sup>2</sup> (12 m range for PIR + Micro; 110° coverage arc)
Power supply	10 to 16 V DC
Current draw	24 mA @ 12 V (40 mA max.)
Alarm contacts	Changeover relay (NC or NO) 250 mA / 50 V DC, Max
Masking contacts	(NC) 100 mA / 28 V DC, Max
Tamper switch contacts	(NC) 100 mA / 28 V DC, Max
Warm-up time	1 minute
Detection speed	0.1 to 5 m/sec
Alarm Time	2 sec.
Response time to masking	Up to 2 minutes
Masking relay activation time	All time of masking (at least 2 sec.)
RFI immunity	Greater than 20 V/M, DC to 1 GHz
Operating Temperature	-37 °C to 70 °C
Humidity (withstand)	95%
Microwave frequency	10.525 GHz
Dimensions	160 mm x 95 mm x 59 mm (H x W x D)
Weight	130 gram