

SIM-02

Quad PIR motion, Glass break & Shock detector with pet immunity

The SIM-02 performs an analysis of environmental conditions through the entire movement spread frequency spectrum .It listens for sounds of breaking glass, which produces two sequential signals of different frequencies “SHOCK” and “GLASS”.

The unique phased frequency detection circuitry of this detector allows detection of both shock signal and the strong signal of glass breakage creating a false alarm free detector.

The SIM-02 does not need to be attached to the window, providing volume protection, and allowing you to protect several windows with one detector.

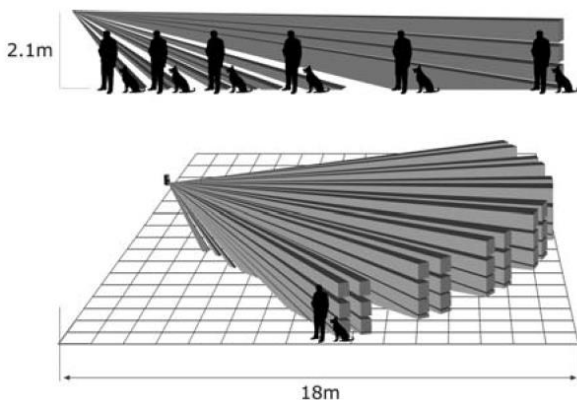
PRODUCT FEATURES

- Quad (Four element) pyro sensor.
- Two independent relay outputs for GLASS/SHOCK and PIR alarm signals.
- VLSI SMD technology.
- PIR sensitivity adjustment
- GLASS sensitivity adjustment
- SHOCK sensitivity adjustment.
- Volume protection
- Automatic temperature compensation.
- Height installation calibrations free – 1.8m-2.4m.
- Environmental immunity.
- Pet immunity up to 25Kg.Pet active bellow 1m.



DETECTION PATTERN

- Glass up to 10m (90°);
- PIR up to 15m (WA lens)



SPECIFICATION

Detection Method	Quad PIR & electret microphone
Detection Speed	0.15 – 3.6 m/sec
Power Input	8.2 to 16 VDC
Current Draw	Alarm PIR :16.5mA Alarm Shock & Glass: 22mA Alarm all: 18mA Standby: 16.5 mA
Temp Compensation	YES
Alarm Period	2 +/- 0.5 sec
Alarm Output	N.C 28Vdc 0.1 A with 270ohm series protection resistors
Tamper Switch	N.C 28Vdc 0.1 A (with 10 Ohm Resistors)
Warm Up Period	60 seconds
Operating Temp	-20°C ~ +60 °C (14 °F~122 °F)
RFI Protection	30V/m 10 - 1000MHz
EMI Protection	V of electrical interference from 50,000 lightning or power through
LEDs indicator	Yellow LED (GLASS) - glass break Green LED (SHOCK) - shock Red LED (ALARM) - alarm signal
Dimensions	123mm x 62mm x 38mm
Weight	110gr
Part Number	0017750