

Wired Indoor Motion Detectors



SWAN PGB

PASSIVE INFRARED SHOCK & BREAKAGE DETECTOR with PET IMMUNITY

The Swan PGB 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 Swan PGB 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.
- The Swan PGB provides pet immunity up to 25Kg. Pet active below 1m.



TECHNICAL SPECIFICATIONS

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 270hm series protection resistors
Tamper Switch	N.C 28Vdc 0.1 A (with 10 Ohm Resistors) open on cover removal
Warm Up Period	60 seconds
Operating Temp	-20°C ~ +60 °C (14 °F~122 °F)
RFI Protection	30V/m 10 - 1000MHz
EMI Protection	50,000V of electrical interference from lightning or power through
LEDs indicator	Yellow LED (GLASS) - glass break signal for testing & adjustment Green LED (SHOCK) - shock signal for testing & adjustment Red LED (ALARM) - alarm signal: Flashing light - glass & break detection or glass & shock & PIR detection Constant light - PIR detection

Dimensions	123mm x 62mm x 38mm
Weight	110gr
Part Number	0017750

DETECTION PATTERN

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

