

Hunter™ High security anti-masking PIR detector

Hunter is a high-security passive infrared detector with advanced anti-masking and self-testing capabilities. It incorporates a revolutionary self-test and anti-masking adaptive technology designed to expose efforts to defeat the detector as well as accidental blocking. Any attempt to reduce the sensitivity of the detector—blocking its field of view or spraying its lens—will activate a trouble alarm.

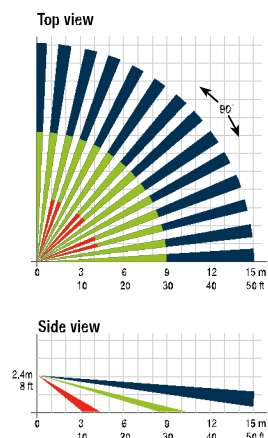
Benefits

- ▶▶ Defeats intentional and unintentional blocking attempts (taping, spraying etc.)
- ▶▶ Digital processing assures excellent coverage and detection sensitivity along with superior immunity to false alarms
- ▶▶ Periodic self-testing by a "Motion Simulator" activates a trouble alarm in case of malfunction
- ▶▶ Sealed optical chamber for protection from insects and air currents

Features

- ▶▶ Digital temperature compensation
- ▶▶ Constant detector operation authentication
- ▶▶ White light and UV protection

Hunter



Applications:

Commercial and industrial

Patented Technologies

(read more on pages 19-24)

- ▶▶ True Motion Recognition (TMR™) processing with 1 or 2 selectable "event verification" channels for superior false alarm protection
- ▶▶ Adaptive anti-masking optical technology
- ▶▶ Protected under US patent: 5,693,943 and other international patents and patent applications

Operating Voltage:	9 to 16 VDC
Standby Current Drain:	17mA at 12VDC
Alarm Output:	up to 100mA, ~18Ω ON resistance
RFI Protection:	Greater than 20V/m (up to 1000 MHz)
Adjustable Sensitivity:	1 or 2 motion events
Operating Temperature:	-10°C to 50°C (14°F to 122°F)
Dimensions(H-W-D):	116 x 60 x 45mm (4 9/16 x 2 3/8 x 1 3/4")
Mounting Accessories:	BR-1, BR-2, BR-3 see page 18
Mounting Height:	up to 3.6 m (12 ft)
Catalog Number:	0-1220-0