



An ADEMCO Group Company

1998PI

PIR Motion Detector

motion
detectors



Combining Split-Zone Optics technology with patented Alternate Polarity Quad detection, the 1998PI achieves cost effective immunity to pets and other animals up to 80lbs.



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Specifications

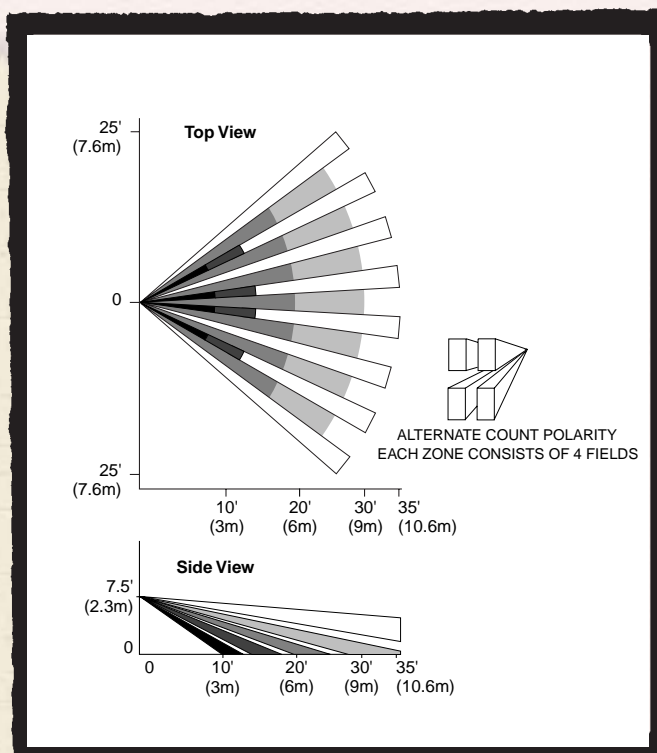
The ASC Edge:

- ◆ 35' x 45' (10.6m x 13.7m) coverage pattern
- ◆ Immune to pets up to 80 lbs.
- ◆ Split-Zone Optics technology
- ◆ Patented Alternater Polarity Quad detection
- ◆ Form C relay

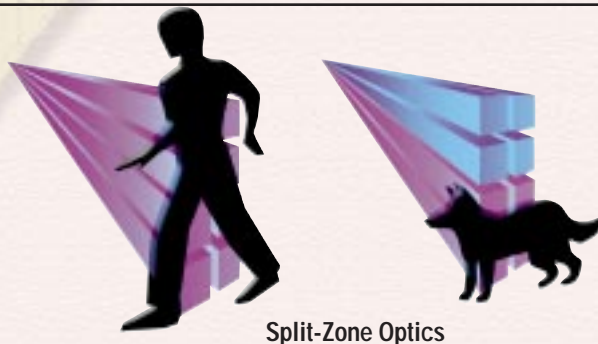


1998PI Specifications

Detection Method:	Passive Infrared with Alternate Polarity Quad
Coverage:	Pet Immune Lens 35 ft. x 45 ft. (10.6m x 13.7m), 90°
Detection Zones:	Pet Immune Lens – 30 zones (8 long range, 7 over 7 intermediate, 4 over 4 short range)
Pulse Count:	Installer selectable. 1-, 2-, or 3-event NOTE: Use 2- or 3-event for installations with pets
Detectable Walk Rate:	0.5 – 10ft/sec (0.15 – 3m/sec)
Mount Height:	7.5 ft nominal (2.3m)
Indicator:	Red LED with enabled/disabled link
Alarm Relay:	Form C, SPDT, 1A@30VDC
Input Voltage:	12VDC nominal (voltage reversal makes PIR inoperative)
Current:	15 mA (non-alarm), nominal 15 mA (alarm), nominal
Standby:	Power source should be capable of at least 4 hours of battery standby
Operating Temp.:	14°F – 122°F (-10°C to +50°C)
Operating Humidity:	Up to 95% RH (max.), non-condensing
Dimensions:	2-11/16" W x 4-3/4" H x 1-7/8" D (68mm x 120mm x 48mm)



Split-Zone Optics splits each zone into two stacked sub-zones. Each sub-zone is the same size as the original, but only has about half the sensitivity. When utilized with AP Quad, both sub-zones in each of the two channels must be at least partially intersected at the same time to generate an alarm. A human target is sufficiently large enough while even large pets up to 80 lbs. remain undetected.



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