

Vi series small & smart digital PIR detectors

The Vi series of digital detectors offers exceptional catch performance and immunity from false alarms at prices comparable to analog detectors.

Compact and conveniently installed, Vi detectors are ideal for home and office applications requiring superior price performance.

Vi Motion is the all-purpose digital PIR, and Vi Pet also offers immunity from false alarms caused by animals, weighing up to 27 kg (60lb).

Benefits

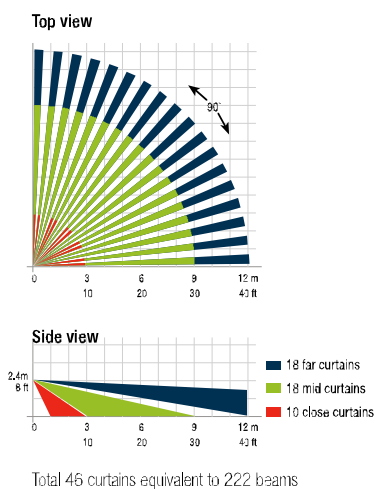
- ▶▶ Superior fast catch performance
- ▶▶ Miniature design
- ▶▶ Exceptionally immune to false alarms
- ▶▶ 3D multiple curtain coverage with no dead zones
- ▶▶ Easy to install with no vertical adjustment
- ▶▶ Sealed optics — provide environmental and insects protection
- ▶▶ Complies with European EN50131-2 and other international standards

Features

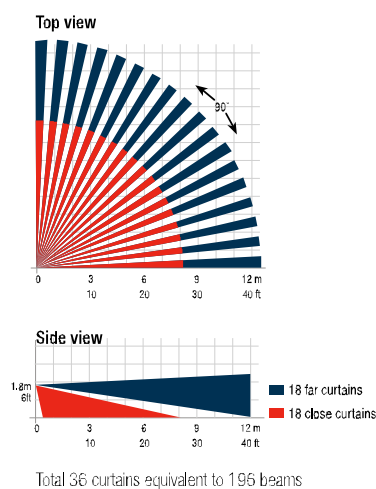
- ▶▶ Digital temperature compensation
- ▶▶ White light and UV protection
- ▶▶ Remote "walk test" mode selection without removing front cover

Model	Type	Catalog Number
Vi Motion	PIR	0-1009-0
Vi Pet	Pet tolerant PIR 27Kg (60 lb)	0-1276-0

Vi Motion



Vi Pet



Applications:

Residential and light commercial

Patented Technologies

- ▶▶ True Digital FM processing for superior performance
- ▶▶ True Motion Recognition (TMR™) processing with 1 or 2 selectable "event verification" channels for superior false alarm protection
- ▶▶ 3D cylindrical optics with Target Specific Imaging (TSI™) for true volumetric no "dead" spots detection
- ▶▶ Protected under US patents: 6,211,522; 5,693,943 and other international patents and patent applications

Operating Voltage:	9 to 16 VDC
Standby Current Drain:	9mA at 12VDC
Alarm Output:	Solid state relay, up to 100mA. ~30Ω 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):	80 x 50 x 37 mm (3 1/8 x 1 15/16 x 1 7/16")
Mounting Height:	1.8 to 2.4 m (6 to 8ft) no adjustment needed
Mounting Accessories:	BR-1, BR-2, BR-3