

Combined volumetric & long range PIR motion sensor

VE735

VE700 Series is the most intelligent PIR motion sensor with a reliability never seen in any PIR before. Thanks to the DSP-driven detection algorithm, it will filter out any false alarm signals from a stationary thermal source and react only to alarm signals from a moving source, such as an intruder. This makes the VE700 the best solution against false or un-wanted alarms where other PIR sensors would fail.

Specifications

Detection range	60 m
Undercrawl protection	Yes
Detection range selection	60 m or 20 m
Coverage field of view	86°, 11 curtains & 5°, 1 curtain
Coverage pattern selection	Blinders and curtain labels
Mounting height	1.8 to 3.0 m
Power supply	9 to 15 VDC
Current consumption (nom.)	11 mA
Alarm relay (voltage free)	NC when energised
Tamper relay (voltage free)	NC when cover closed
Relay configuration	Isolated or 4k7 EOL
Remote control lines	Walk test & Day-Night
Alarm memory	Yes
PIR process mode	Low / Standard / High
Dimensions (W x H x D)	93 x 175 x 66 mm
Ambient conditions	-10 to +55°C; 95% relative humidity
Pry-off tamper	Yes
EN50131-2-2	Grade 2

Ordering Information

VE735	Combined volumetric & long range PIR motion sensor
VE736	Combined volumetric & long range PIR motion sensor
VE710	Laser beam, long-range alignment tool
SB01	Swivel bracket wall/ceiling mount



- Passive Infra Red motion sensor
- High density "Step & Gliding Focus Multi Curtain" mirror
- Plug-in electronics
- Sealed optics
- "Vector Verified Enhanced" detection algorithm
- Selectable range with full undercrawl detection
- On-site individual coverage pattern selection
- 3 alarm sensitivities
- No adjustment required for different mounting heights
- Tolerates wall angle deviation
- Pry-off and cover tamper
- Complies with EN50131-2-2
- Several European approvals

