

Combined volumetric & long range PIR/AM motion sensor

VE735AM

The VE700AM series uses the already proven high performance V²E (Vector Verified Enhanced) detection algorithm. With V²E technology we have created an additional dimension for our commercial PIRs. Couple with a unique multi-channel anti-masking technology, VE735AM is able to detect any masking attempt. Since the processor can compare AM signals from different channels, it is easy to avoid nuisance AM alarms and to neutralize the AM functionality.

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.)	20 mA
Alarm relay (voltage free)	NC when energised
Tamper relay (voltage free)	NC when cover closed
AM relay (voltage free)	NC when no AM
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 3



- Passive Infra Red motion sensor
- Multi channel Anti Masking for all masking attempt
- High density "Step & Gliding Focus" Multi Curtain mirror
- Plug-in electronics
- Sealed optics
- "Vector Verified Enhanced" detection algorithm
- Selectable range with full undercrawl detection
- Selectable AM reporting and resetting
- 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

Ordering Information

VE735AM	Combined volumetric & long range PIR/AM motion sensor
VE736AM	Combined volumetric & long range PIR/AM motion sensor
VE710	Laser beam, long-range alignment tool
SB01	Swivel bracket wall/ceiling mount

