VE736AM

60m AM-PIR, 11 curt., change over.

Patented Pyro & V2E signal processing

Unlike conventional sensors, our patented Vector pyro captures multi-dimensional signals, allowing it to not only detect the presence of a thermal source but also determine its direction of motion. This breakthrough technology enhances detection probability by combining optics resolution with the pyro's advanced output. Our VE series motion detectors incorporate as well Vector Verified Enhanced (V2E) signal processing, which analyzes and distinguishes different signal sources. False alarms caused by non-thermal sources or environmental factors like stationary thermal sources or strong light are therefore filtered out.

Optics

The optical part of the VE736AM is identical to the VE735. The step & glide focus mirror with multi curtains are unique features providing maximum coverage density and ensure easy installation. With the "High Density Optic" (HDO) mirror, the VE700AM series will provide you with more and wider curtains (and therefore untraceable detection gaps). The VE736AM is the only AM motion detector on the market that can offer both 90° wide angle and long range detection pattern in one product.

Patented multi channel Anti-Masking

Our VE736AM uses five IR transmitters and receivers working in different frequencies. This results in various AM signals for the sensor. The AM circuit will not be triggered by the magnitude of modified light on each channel but with the relationship between the various signals. The multi channels AM technology makes VE736AM capable of detecting any AM attempt, up to 30 cm from the detector. VE736AM is also immune to: Partial masking attempt, System malfunction, Insect presence, White-light jamming.

Chime & settings

Other VE736AM features, like chime mode and setting are identical to the VE736. For the customer the VE700 allows you to determine the direction of the intruder across the surveillance area. When the chime mode is ON, the VE700 can trigger an alarm when an intruder walks from left-to-right and differentiate intruder movement from right-to-left, and vice versa. The sensitivity settings (Low, Standard and High) ensure the best performance for most applications. The sensitivity level can be easily modified with a jumper.

Self-test, Plug-in electronics & Accessories

All electronics components of the VE736AM are monitored constantly in order to report the unlikely case of a defect. The plug-in concept ensures easy installation without any worry about damaging the sensor so all setting can be done conveniently in your hand. The VE710 laser alignment tool is the recommended tool to use during installation for aligning the sensors in long corridor applications.



Détails

- 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, Grade 3
- Several European approvals

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Spécifications techniques

Général

Technologie	PIR
Type d'application	Fixation murale
Anti-masquage	Oui
Insensible aux animaux	Non
Caméra	Non
Traitement du signal	Vector Verified Enhanced (VE2)
Kit levier d’arrêt anti-ouverture	On board

Détection

Plage de détection maximale	60 m
Portée de détection	60 m
Sélection de la plage de détection	20 m or 60 m
Nbre de rideaux	11
Couverture (champ de vision)	86°
Protection sous-jacente	Oui
Plage de vitesse cible	0,1 to 4.0 m/s
Mémoire d'alarme	Oui
Durée de l'alarme	3 sec
Immunité d’ondulation crête à crête	2V (at 12 VDC)

Filaire / sans fil

Filaire / sans fil	Câblés

Entrées / sorties

Caractéristique du relais d’alarme	NO/NC, 80 mA 30 VDC, Form C (voltage free)
Caractéristique du relais d’alarme	NC when cover closed, 80 mA 30 VDC, Form A (voltage free)
Caractéristique du relais antimasque	NC when no AM, 80 mA 30 VDC, Form A (voltage free)
Lignes de commande à distance	Day/Night, Walk test

Électrique

Tension de fonctionnement	9 to 15 VDC (12V nominal)
Consommation de courant	20 mA (nom.)

Caractéristiques physiques

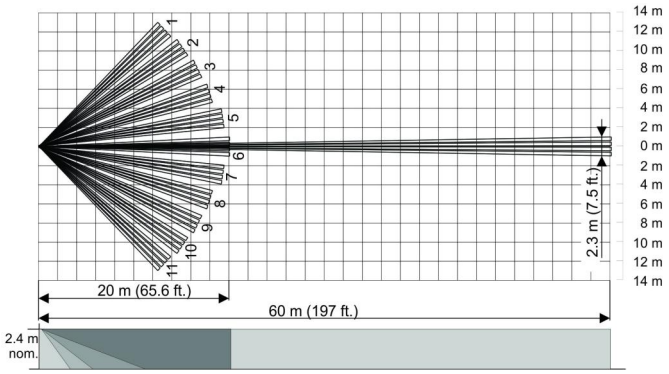
Dimensions physiques	93 x 175 x 66 mm (W x H x D)
Poids net	275 g
Couleur	Blanc
Hauteur de montage	1.8 to 3 m

Environnement

Température de fonctionnement	-10 to +55°C
Humidité relative	0 to 95% noncondensing
Environnement	Intérieur
Indice de protection	IP30

Régulateur

EN50131 Grade	Grade 3
Certification	VdS



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