EV666-D

PIR DETECTOR CL MNT FORM C

18 complete curtains of detection

The EV 669/666's 18 curtains offer maximum detection capability throughout the protected area including full undercrawl detection. Note that with the Aritech curtains, wherever an intruder intercepts a curtain, he is 100% seen by the detector and exactly fits the curtain width, thus collecting maximum infrared energy. Only with Aritech's Gliding Focus Mirror optics can the definition of the parallel curtains be achieved over the entire detection range.
The special characteristics of a "curtain" provide not only better detection but also increased stability and rejection of false alarms from temperature changes on floors and carpets.

4D signal processing

By expanding on the environmental filtering and extending the detection algorithms, 4D signal processing improves on the capability to determine between valid intruders and false alarm signals. Always recognising the diverse applications that have to be protected, the EV 669/666 features both "4D" processing or Bi-curtain processing for the harsher environments. Designed specifically for use with the Gliding Focus Optics, the combination of mirror optics and microprocessor echnology provides you with complete peace of mind.

2 x Pyros, 2 x microprocessors, 2 x Mirrors

In order to ensure the highest performance, the EV 669/666 incorporates 2 x pyros, 2 x microprocessors, 2 x mirrors and 2 x the decision power providing the installer/user with 2 x the performance. The use of 2 separate pyros, mirrors and microprocessors ensure that the detectors have an excellent signal to noise ratio. This means that you have better detection capability when you want it and better false alarm immunity when you need it.

Detection coverage flexibility

The EV 669/666 provides considerable flexibility by the simple electronic field programming of either 180 or 360 coverage patterns. Further customisation, to allow for false alarm hazards such as heaters, machinery, etc., can be achieved through individual curtain masking enabling the installer to configure the detector to suit the application.



Détails

- Passive Infra Red motion sensor
- "Step & Gliding Focus Multi Cutain" mirror optic
- Plug-in electronics
- Sealed optics
- Microprocessor with "4D" processing
- On-site individual coverage pattern selection
- Additional bi-curtain processing for harsh environment
- No adjustment required for different mounting heights
- Several European security approvals

EV666-D
PIR DETECTOR CL MNT FORM C

Spécifications techniques

Général

Technologie	PIR
Type d'application	Montage au plafond
Anti-masquage	Non
Insensible aux animaux	Non
Caméra	Non
Kit levier d’arrêt anti-ouverture	ST400 (optional)

Détection

Plage de détection maximale	20 m
Portée de détection	20 m
Sélection de la plage de détection	10 m to 20 m
Nbre de rideaux	18
Couverture (champ de vision)	360°
Protection sous-jacente	Oui
Mémoire d'alarme	Oui

Filaire / sans fil

Filaire / sans fil	Câblés

Entrées / sorties

Caractéristique du relais d’alarme	NO/NC (voltage free)
Caractéristique du relais d’alarme	NC when cover closed (voltage free)
Lignes de commande à distance	Day/Night, Walk test

Électrique

Tension de fonctionnement	7 to 15 VDC (12 VDC nominal)
Consommation de courant	9 mA (15 mA max.) (nom.)

Caractéristiques physiques

Dimensions physiques	138 x 68 mm (Ø x D)
Couleur	Blanc
Hauteur de montage	2.5 to 5 m

Environnement

Température de fonctionnement	-10 to 55°C
Humidité relative	95 %
Environnement	Intérieur

Régulateur

EN50131 Grade	Grade 2
Certification	VdS



En tant que société d'innovation, Kidde Global Solutions se réserve le droit de modifier les spécifications des produits sans préavis. Pour les dernières spécifications du produit, visitez le site web be.firesecurityproducts.com ou contactez votre représentant commercial.

Last updated on 18 June 2026 - 14:26