DDI602AM-F1

Outdoor Dual Technology/AM detector 10.525 GHz 10/20/30m selectable

Outdoor Dual Technology motion sensor with AntiMask functionality

DDI602AM-F1 Outdoor Dual Technology/AM Detector is an outdoor motion detector and alarm trigger using two independent passive infrared elements plus a microwave sensor module. In addition it has an Anti-Masking functionality achieved by active infared technology that will detect masking events as required by the EN Grade III standard. DDI602AM-F1 delivers precise, reliable presence detection.

Easy and quick to install

Programmable options include a LED enabling/disabling function, a variable pulse count and a choice of three detection ranges: 10 m, 20 m, 30 m.
The motions sensor includes jumpers that let you configure internal end-of-line (EOL) resistor values, when EOL resistors are required. You even have the feature to use the triple EOL resistor values configuration in order to have different EOL resistor values for a detector fault and a masking event.
Moreover, the integral dual-axis tilt sensor allows -45° to +45° of pan and +45º of tilt, which increases the speed of the outdoor installation and provides incredibly accurate aiming of the detection pattern.

Aesthetics and hidden sensor module

The design has a neat and professional appearance that gives no visible indication of the orientation of the detector head and totally hides the wiring.



Détails

- Electronic range setting: 10/20/30m
- Attractive aesthetics
- 10 to 70º detection angle
- -45° to +45° pan and +45º tilt for flexible install
- Sensor module is hidden
- Built-in EOL resistors with triple EOL configuration capability
- High dust & humidity resistance (IP55)
- 5 years warranty
- EN Grade III certified

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Spécifications techniques

Général

Technologie	Dual
Type d'application	Fixation murale
Anti-masquage	Oui
Insensible aux animaux	Non
Caméra	Non

Détection

Plage de détection maximale	30 m
Sélection de la plage de détection	programmable 10, 20, or 30 m
Couverture (champ de vision)	10 to 70° detection angle, 30 x 24 m coverage max.
Vertical optical axis adjustment	+45° tilt
Horizontal optical axis adjustment	-45° to +45° pan
Hyperfréquence (nom.)	10.525 GHz
Protection sous-jacente	Non
Durée de l'alarme	5 sec

Filaire / sans fil

Filaire / sans fil	Câblés

Entrées / sorties

Caractéristique du relais d’alarme	NC / NO, Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Caractéristique du relais antimasque	Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Configuration du relais	Multiple EOL values

Électrique

Valeur de l'alimentation	10 to 15 VDC
Consommation de courant	21 mA (nominal)

Caractéristiques physiques

Dimensions physiques	125 x 175 x 130 mm (W x H x D)
Poids net	365 g
Poids à l'expédition	551 g
Couleur	Argent
Matériel	ABS haut impact plastique avec couvercle HDPE, stabilisé UV
Hauteur de montage	3 to 6 m

Environnement

Température de fonctionnement	-30 to +65°C
Environnement	Extérieur
Indice de protection	IP55

Régulateur

EN50131 Grade	Grade 3

Fresnel lens

28 zones for each detection element, which can be masked with the curtain sliders

Customized optics

Double silicon shielded quad element eliminates 50,000 lux of white light

Inputs / outputs

Outputs	Silent, solid state, magnetically immune. Microwave AND PIR.

Pulse count

1 or 2

Temperature compensation

Analogue (thermistor) and digital sensitivity adjustment

Control

Digital microprocessor with non-volatile memory

Microwave module

10.525 GHz (Albania, Argentina, Australia, Belgium, Brazil, Denmark, Finland, Netherlands, Hungary, Iceland, Indonesia, Ireland, Latvia, Lithuania, Luxembourg, Malta, Morocco, Norway, Portugal, Romania, Russia, South Africa, Spain, Sweden, Taiwan, Ukraine, USA)

Mounting height

Variable up to 6 m / Optimum height 3 m for full range

Environmental testing

EN 50130-5, Class IV certified

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