

DDI602AM-F4

Outdoor Dual Technology/AM detector 9.35 GHz 10/20/30m selectable

Outdoor Dual Technology motion sensor with AntiMask functionality

DDI602AM-F3 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 infrared technology that will detect masking events as required by the EN Grade III standard. DDI602AM-F3 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 $+45^{\circ}$ of pan and $+45^{\circ}$ 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.



Details

- Electronic range setting: 10/20/30m
- Attractive aesthetics
- 10 to 70° detection angle
- -45° to $+45^{\circ}$ pan and $+45^{\circ}$ 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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Technische specificaties

Algemeen

Technologie	Dual
Type toepassing	Muurmontage
Anti-maskering	Ja
Ongevoelig voor huisdieren	Nee
Camera	Nee

Detectie

Max. detectiebereik	30 m
Detectiebereik selectie	Programmeerbaar 10, 20, or 30 m
Openingshoek (kijkveld)	70°, 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
Onderkruipbeveiliging	Nee
Alarmtijd	5 s

Bedraad / draadloos

Bedraad / draadloos	Bekabeld
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Ingangen / uitgangen

Alarmrelais karakteristiek	NC / NO, Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Antimaskeerrelais karakteristiek	Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Relais configuratie	Multiple EOL values

Elektrisch

Waarde voeding	10 to 15 VDC
Stroomverbruik	21 mA (nominal)

Fysiek

Fysieke afmetingen	125 x 175 x 130 mm (W x H x D)
Netto gewicht	365 g
Verzendgewicht	551 g
Kleur	Zilver
Materiaal	Hoge impact ABS kunststof met HDPE dekking, UV gestabiliseerd
Montagehoogte	3 to 6 m

Omgeving

Bedrijfstemperatuur	-30 to +65°C
Omgeving	Buiten
IP-classificatie	IP55

Regelgeving

EN50131 Grade	Grade 3
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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

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

9.35 GHz (Austria, Czech Republic, Germany, Poland, Switzerland)

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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