

DI601AM

Detector de movimiento PIR con AM, exterior 10 / 20 / 30 m. IP55.

Outdoor motion sensor with AntiMask functionality

DI601AM Outdoor PIR/AM Detector is an outdoor motion detector and alarm trigger using two independent passive infrared elements. The Anti-Masking functionality is achieved by active infrared technology and will detect masking events as required by the EN Grade III standard. DI601AM 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, 30m.

DI601AM 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 +45° of tilt, which increases the speed of the outdoor installation and provides incredibly accurate aiming of the detection pattern.

Aesthetics and hidden sensor module

DI601AM design has a neat and professional appearance that gives no visible indication of the orientation of the detector head and totally hides the wiring.



Detalles

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

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Especificaciones técnicas

General

Tecnología	PIR
Tipo de aplicación	Montaje en pared
Antienmascaramiento	Yes
Inmune a mascotas	No
Cámara	No

Detección

Alcance máximo de detección	30 m
Selección de rango de detección	programmable 10, 20, or 30 m
Cobertura (campo de visión)	70°
Proteccion contra el desenrollado	No
Tiempo de alarma	5 sec

Con cable / inalámbrico

Con cable / inalámbrico	Cableado
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Entradas / salidas

Características del relé de alarma	NC / NO, Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Características del relé antienmascaramiento	Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Configuración del relé	Múltiples valores de EOL

Eléctrico

Valor de la fuente de alimentación	10 to 15 VDC
Consumo de corriente	16 mA (12 V nominal)

Físico

Dimensiones físicas	125 x 175 x 130 mm (W x H x D)
Peso neto	348 g
Peso de envío	534 g
Color	Plata
Material	Plástico ABS de alto impacto con cubierta de HDPE, estabilizado UV
Altura de montaje	3 a 6 m

Medioambiental

Temperatura de funcionamiento	-30 to +65°C
Storage temperature	-30 to +65°C
Entorno	Exterior
Clasificación IP	IP55

Regulador

Grado EN50131	Grado 3
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Coverage

	10 to 70° detection angle, 30 x 24 m coverage max.
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Adjustment

	-45° to +45° pan, +45° tilt
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Fresnel lens

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

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

	Silent, solid state, magnetically immune.
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Pulse count

	1 or 2
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Temperature compensation

	Analogue (thermistor) and digital sensitivity adjustment
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Control

	Digital microprocessor with non-volatile memory
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Mounting height

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

	EN 50130-5, Class IV certified
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