

W76570

DT15-AM/100

Performance Line- Dual Technology

The Performance Line is the line of legacy Guardall motion sensors (PQ15 and DT15 series) and both series are intended for the protection of residential and commercial premises.

DT15 AM incorporates a highly effective X-band microwave together with well-proven PIR technology. This pairing produces a superb dual technology sensor that greatly improves false alarm immunity. Featuring an advanced 'through-the-lens' active IR and microwave anti-mask system, the sensor detects any attempt to mask or inhibit detection of one or both alarm technologies. Anti-stealth precisely analyses microwave and PIR activity in a room and significantly increases detection in extreme conditions. It also combats intrusion attempts using infrared screening materials, and a sneak mirror is used to improve catch performance.

It has been designed to be simple to install with three LED's within the sensor to facilitate efficient analysis of the technologies. Incorporating a unique varifocal lens design that allows the unit to be mounted between 2.1 and 2.5m without adjustment.



Details

- 15m/10m dual technology detector
- Active IR anti-masking
- Enhanced DT processing
- Anti-Stealth technology™
- Selectable End Of Line resistances
- Adjustment-free optics
- Redesigned housing shared across platform range
- Varifocal lens design
- EN50131 Grade 3

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Technical specifications

General

Tecnología	Dual
Antienmascaramiento	Si
Inmune a mascotas	No
Camera	No

Detección

Alcance máximo de detección	15 m
Frecuencia microondas (nom.)	X-band
Máx. salida microondas (a 1m)	0.011 μ W/cm ² at 1m
Tiempo de alarma	3 sec
Inmunidad rizado pico a pico	2V (at 12 VDC)

Wired/wireless

Wired-wireless	Cableado
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Entradas/salidas

Características del relé de alarma	Normally closed (NC), voltage free, solid state relay rated at 30 V dc, 50 mA with a max. 26 ohm ON resistance.
Características del relé de tamper	Normally closed (NC), voltage free, solid state relay rated at 30 V dc, 50 mA with a max. 26 ohm ON resistance.
Características del relé antienmascaramiento	Normally closed (NC). Rated at 24V dc, 50mA
Configuración del relé	Múltiples valores de EOL
Líneas de control remoto	Día/Noche, Prueba de paseo

Eléctrico

Voltaje de funcionamiento	9 to 16V DC
Tipo de fuente de alimentación	12 VCC
Consumo de corriente	13 mA at 12 V (quiescent no alarm) 21 mA at 12 V (max All LEDs on)

Físico

Dimensiones físicas	110 x 66 x 42 mm (H x W x D)
Color	Blanco

Medioambiental

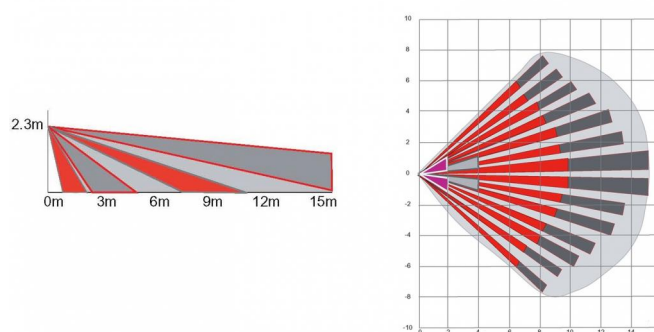
Temperatura de funcionamiento	-10 to 55 °C
Entorno	Interior

Estándares y regulaciones

Grado EN50131	Grado 3
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Power Supply

Microwave range adjustment	50% to 100% of range via pot adjustment
Fluorescent lights	Microwave channel rejects these to within 2m of an 80W tube
PIR coverage adjustment	Vertically: none required Horizontally: $\pm 5^\circ$ corner mounted
Aux. period	Duration of fault or mask condition.
Tamper Output	Normally closed (NC), voltage free, solid state relay rated at 24 V dc, 50 mA
Walk test LED's	RED - Unit alarm GREEN - Microwave channel YELLOW - PIR channel
Remote LED enable	Control of LED indication using Test line
Anti-masking	Indicated on Aux output and LED's if selected
Microwave/PIR trouble	Indicated on LED's if selected
Test Input	Low or open circuit for LED disable, detector supply to activate.



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