

# W76567

## DT15+/100

### Performance Line- Dual Technology

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

DT15+ 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 microwave anti-mask system, the sensor detects any attempt to disable operation of one or both alarm channels.

Anti-stealth is a highly intelligent mode that precisely analyses microwave and PIR activity in a room and significantly improves detection in extreme conditions.

This development also combats intrusion attempts using infrared screening materials. A sneak mirror is used to improve catch performance.

It has been designed to be simple to install with three LEDs within the sensor to facilitate efficient analysis of the technologies.

Incorporating unique signature recognition for precise intruder detection, DT15+ is elevated to the next level for security solutions.



### Details

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- 15 m volumetric coverage
- Microwave anti-mask
- 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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### Especificaciones técnicas

#### General

Tecnología	Dual
Tipo de aplicación	Montaje en pared
Antienmascaramiento	Yes
Inmune a mascotas	No
Cámara	No
Microwave range adjustment	50% to 100% of range via pot adjustment
Fluorescent lights	Microwave channel rejects these to within 2 m of an 80 W tube
Aux. period	Duration of fault or mask condition.
End of line resistors	Selectable: (Alarm, Tamper, Aux) Option A: Guardall 8k2, 8k2, 8k2 Option B: 1k0, 1k0, 12k Option C: 4k7, 2k2, 2k2 Option D: 6k8, 4k7, 15k
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

#### Detección

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

#### Con cable / inalámbrico

Con cable / inalámbrico	Cableado
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#### Entradas / salidas

Alarm relay characteristic	Normally closed (NC), voltage free, solid state relay rated at 30 VDC, 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 VDC, 50 mA with a max. 26 ohm ON resistance.
Anti mask relay characteristic	Normally closed (NC). Rated at 24 VDC, 50 mA
Configuración del relé	Múltiples valores de EOL
Líneas de control remoto	Prueba de paseo

#### Eléctrico

Operating voltage	9 to 16 VDC
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)
Peso neto	135 g
Color	Blanco

#### Medioambiental

Temperatura de funcionamiento	-10 to 55°C
Entorno	Interior

#### Regulador

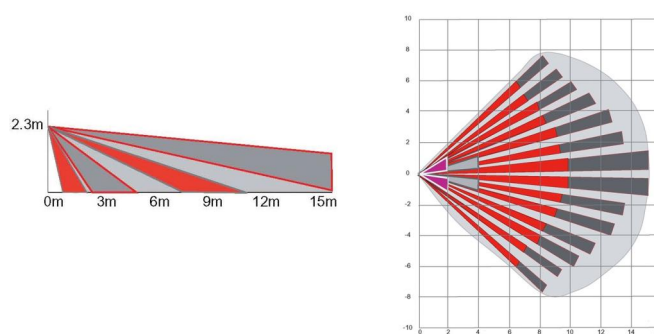
Grado EN50131	Grado 3
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#### Detection

PIR coverage adjustment	Vertically: none required Horizontally: $\pm 5^\circ$ corner mounted
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#### Inputs / outputs

Test Input	Low or open circuit for LED disable, detector supply to activate
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Last updated on 1 September 2023 - 16:55