

W76568

DT15+/1900

Performance Line- Dual Technology

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

- 15 m volumetric coverage
- Microwave anti-mask
- Enhanced DT processing
- Anti-Stealth technology™
- Selectable End Of Line resistances
- Adjustment-free optics
- Redesign housing shared across platform range
- Varifocal lens design
- EN50131 Grade 3

W76568

DT15+/1900

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	2 V (at 12 VDC)

Wired/wireless

Wired-wireless	Cableado
----------------	----------

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	Prueba de paseo

Eléctrico

Voltaje de funcionamiento	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

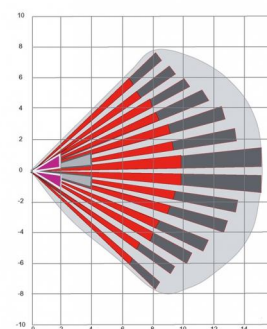
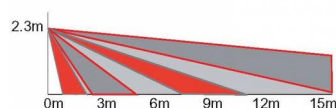
Temperatura de funcionamiento	-10 to 55°C
Entorno	Interior

Estándares y regulaciones

Grado EN50131	Grado 3
---------------	---------

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
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
Test Input	Low or open circuit for LED disable, detector supply to activate.



Como empresa innovadora, Carrier Fire & Security se reserva el derecho de modificar las especificaciones de los productos sin previo aviso. Para conocer las últimas especificaciones de los productos, visite la Web de es.firesecurityproducts.com o póngase en contacto con su comercial.

Last updated on 25 August 2021 - 14:38