W76562

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

A sneak mirror is used to improve catch performance below the sensor satisfying the EN50131Grade 2, Class II standard.
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, making DT15 ideal for environmentally challenging situations.

Detalles

- 15 m volumetric coverage
- Quad pyro detector and X-band microwave
- Anti-Stealth technology™
- Adjustment-free optics
- Redesigned housing shared across platform range
- Varifocal lens design
- Enhanced DT processing
- EN50131 Grade 2

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Especificaciones técnicas

General

Tecnología	Dual
Tipo de aplicación	Montaje en pared
Antienmascaramiento	No
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
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
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 µW/cm2 at 1m
Tiempo de alarma	3 sec
Inmunidad rizado pico a pico	2 V (at 12 VDC)

Con cable / inalámbrico

Con cable / inalámbrico	Cableado

Entradas / salidas

Características del relé de alarma	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.
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) 18 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

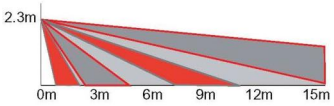
Grado EN50131	Grado 2

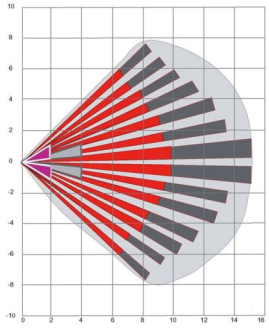
Detection

PIR coverage adjustment	Vertically: none required
	Horizontally: ±5° corner mounted

Inputs / outputs

Test Input	Low or open circuit for LED disable, detector supply to activate
Tamper Output	Normally closed (NC), voltage free, solid state relay rated at 24 VDC, 50 mA





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