

W76567

Rivelatore doppia tecnologia antimascheramento MW portata 15m. DT15PLUS

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.



Dettagli

- 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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Specifiche tecniche

Generale

Tecnologia	Doppia tecnologia
Application type	Montaggio a parete
Antimascheramento	Yes
Immune ad animali	No
Telecamera	No

Rivelazione

Max. detection range	15 m
Frequenza microonda (nom.)	X-band
Max. uscita a microonde (a 1m)	0.011 μ W/cm ² at 1m
Tempo di allarme	3 s
Immunità da ondulazione da picco a picco	2 V (at 12 VDC)

Cablato / senza fili

Cablato / senza fili	Cablato
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Ingressi / Uscite

Caratteristica relè allarme	Normally closed (NC), voltage free, solid state relay rated at 30 VDC, 50 mA with a max. 26 ohm ON resistance.
Caratteristica relè tamper	Normally closed (NC), voltage free, solid state relay rated at 30 VDC, 50 mA with a max. 26 ohm ON resistance.
Caratteristiche relè di antimascheramento	Normally closed (NC). Rated at 24 VDC, 50 mA
Configurazione relè	Vari valori EOL
Remote control lines	Walk test

Elettrico

Tensione di esercizio	9 to 16 VDC
Tipo di alimentatore	12 VDC
Current consumption	13 mA at 12 V (quiescent no alarm) 21 mA at 12 V (max. all LEDs ON)

Fisico

Dimensioni fisiche	110 x 66 x 42 mm (H x W x D)
Peso netto	135 g
Colore	Bianco

Ambientale

Temperatura operativa	-10 to 55°C
Ambiente	Interno

Regolatorio

Grado EN50131	Grade 3
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General

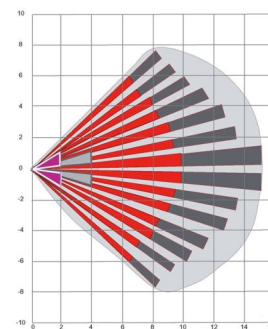
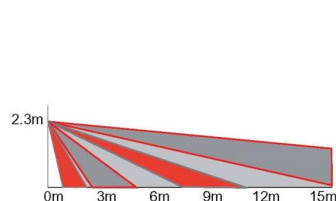
Microwave range adjustment	50% to 100% of range via pot adjustment
Fluorescent lights	Microwave channel rejects these to within 2 m of an 80 W tube
Aux. period	Duration of fault or mask condition.
End of line resistors	Selectable: (Alarm, Tamper, Aux) Option A: Guardall 8k2, 8k2, 8k2 Option B: 1k0, 1k0, 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

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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