

W76567

15 m Dual Technology motion sensor, DT15+/100, English & Italian

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
- Redesigned housing shared across platform range
- Varifocal lens design
- EN50131 Grade 3

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Technical specifications

General			
Technology	Dual		
Application type	Wall mount		
Anti masking	Yes		
Pet immune	No		
Camera	No		
Microwave range	50% to 100% of range via pot adjustment		
adjustment			
Fluorescent lights	Microwave channel rejects these to within 2 m o 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			
Max. detection range	15 m		
Vertical optical axis adjustment	none required		
Horizontal optical axis adjustment	±5° corner mounted		
Microwave frequency (nom.)	X-band		
Max. microwave output (at 1m)	0.011 μW/cm2 at 1m		
Alarm time	3 s		
Peak-to-peak ripple	2 V (at 12 VDC)		
immunity			
Wired / wireless			
Wired-wireless	Wired		
Inputs / outputs			
Alarm relay	Normally closed (NC), voltage free, solid state		
characteristic	relay rated at 30 VDC, 50 mA with a max. 26 ohm ON resistance.		
Tamper relay	Normally closed (NC), voltage free, solid state		
characteristic	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		
Relay configuration	Multiple EOL values		
Remote control lines	Walk test		
Test Input	Low or open circuit for LED disable, detector		
	supply to activate		

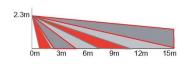
Electrical

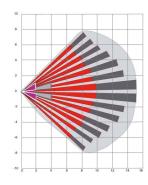
Operating voltage	9 to 16 VDC		
Power supply type	12 VDC		
Current consumption	13 mA at 12 V (quiescent no alarm)		
	21 mA at 12 V (max. all LEDs ON)		
	21 117 dt 12 1 (11dx1 dii 2223 011)		
Physical	21		
Physical Physical dimensions	110 x 66 x 42 mm (H x W x D)		

Environmental

Operating temperature	-10 to 55°C
Environment	Indoor

Regulatory		
EN50131 grade	Grade 3	







supply to activate

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurity products.com online or contact your sales representative.