

W76561

DT15/100

PerformanceLine - 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 EN50131 Grade 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.



Standard features

- 15m 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

Specifications

	W76561
Voltage	12V (9V to 16VDC)
Current	Quiescent (no alarm): 13mA @ 12V Max. All LEDs On: 18mA @ 12V
Max. ripple	2V peak to peak @ 12VDC
Temperature range	-10°C to +55°C (14°F to 130°F)
Microwave power	0.011 µW/cm² at 1m (average)
Microwave frequency	X-band
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: ±5° corner mounted
Alarm output	Normally closed (NC), voltage free, solid state relay rated at 30 VDC, 50 mA with a max. 26 Ω ON resistance
Alarm period	Approximately 3 seconds
Tamper output	Normally closed (NC), voltage free, solid state relay rated at 24 VDC, 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
Microwave/PIR trouble	Indicated on LED's if selected
Test input	Low or open circuit for LED disable, detector supply to activate
Packed weight	135g approximately
Dimensions (H x W x D)	110 x 66 x 42mm

Ordering information

Part No.	Description
W76561	DT15/100
W72321	Low profile wall bracket LPB2
W72977	Ceiling mount bracket (CMB1)