

Guardall Micra

Compact Dual-Technology Sensors

The Guardall Micra represents a most successful integration of Microwave and Passive Infrared technologies offering a high quality alternative to PIR only detectors. Ideal for applications like sunny rooms and conservatories, warehouses or garages lacking insulation, offices, shops and other commercial environments.

Micra S-8 and S-15 – Wall Mount Detector

The Guardall Micra S is an attractive and cost-effective Dual-Technology sensor with outstanding operational reliability to ensure minimal detector related service and maintenance call-outs. Elegant, fashionable design and outstanding flexibility with a choice of coverage ranges of 4, 8, 10 and 15m, ample wiring space and minimal installation effort. Also available as 10m pet variant.



Micra 360 – Ceiling Mount Detector

The adaptable Guardall Micra 360 gives efficient all-round protection in a variety of applications – from a discrete flush mounted installation in a home, to office landings requiring additional protection of stairways, or storage areas where movement of stock may block the view of corner-mounted detectors.



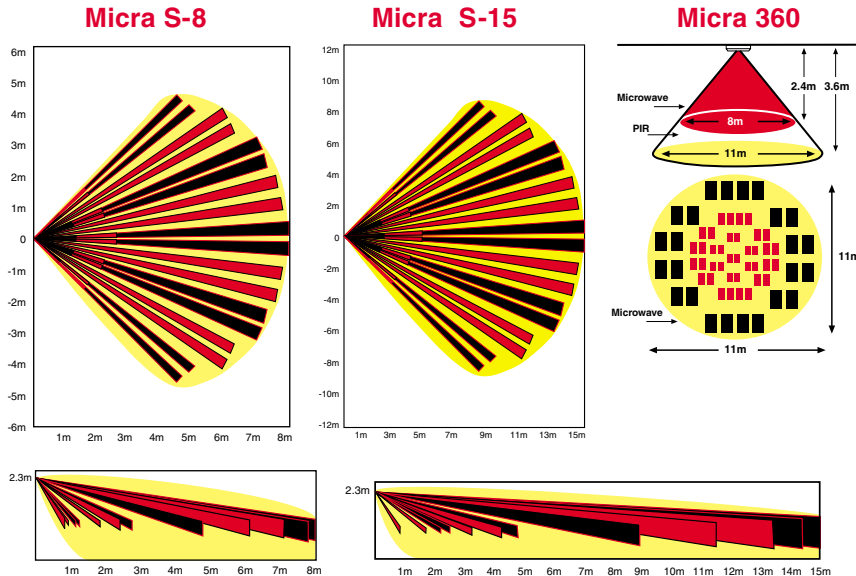
Guardall

● **Micra SERIES**

Guardall Micra

SUPPLIER/INSTALLER

COVERAGE DIAGRAMS



ORDERING INFORMATION

Micra S-8 (8m or 4m coverage)
 Micra S-15 (15m or 10m coverage)
 Micra S Pet Variant (10m coverage)
 Micra 360 Ceiling Mount

Accessories

Low Profile Bracket
 Low Profile Bracket (pack of 25)
 Ceiling Mount Bracket
 Recessed Flush Mount Kit

(for Micra S-8 and S-15)
 (for Micra 360)

Please note that for applications in countries other than the UK different part numbers may apply.

W73546
W73547
W73769
W73337

W72321
W73298
W72977
W73320

TECHNICAL SPECIFICATION

Model	Micra S-8 / S-15	Micra 360
Power Voltage Current Max ripple	9.5 – 16V dc 20mA max @ 12V dc 2V peak to peak @ 12V dc	9.5 – 16V dc 20mA max @ 12V dc 2V peak to peak @ 12V dc
Microwave Power Frequency	0.008μW/cm ² @ 1m 2.45 GHz	0.008μW/cm ² @ 1m 2.45 GHz
Alarm Output	Normally closed voltage free relay contacts. Rated @ 24V, 50mA dc with 10 Ω series protection resistor	Normally closed voltage free relay contacts. Rated @ 24V, 50mA dc with 10 Ω series protection resistor
Alarm period	Approximately 4 seconds	Approximately 4 seconds
Tamper output	Normally closed voltage free switch contact. Rated @ 24V, 50mA dc	Normally closed voltage free switch contact. Rated @ 24V, 50mA dc
Temperature range	-10° to +55°C	-10° to +55°C
Coverage adjustment	+2° to -12° vertically, +/- 5° horizontally when corner mounted	
Microwave range adjustment	Internal link to select 15m or 10m (Micra S-15) and 8m or 4m (Micra S-8)	Internal link to select 11m or 8m diameter
Walk test LED	Internal link to enable	Internal link to enable
Remote LED enable	Remote control of unit alarm via test line	Remote control of unit alarm via test line
Packed weight Dimensions	120g approx. 104 x 68 x 51mm	120g approx. 108mm Ø x 32mm depth

Guardall Micra Series

- ▶ Highly efficient precision microstrip oscillator source allows operation at exceptionally low power levels and low cost.
- ▶ Incorporates a custom designed ASIC for optimal performance.
- ▶ Quality sealed optics to increase immunity against dust and insect penetration.
- ▶ White light filter to protect against fluorescent light and vehicle headlamps.
- ▶ Constant monitoring of the ambient temperature and automatic compensation of the PIR circuitry to ensure optimum detection at all temperatures.
- ▶ Designed and manufactured to ISO 9001 to give consistently high standards of product excellence.

Micra S-8 and S-15

- ▶ Extremely easy to install with generous wiring space and simple link selection for set-up.
- ▶ Horizontal and vertical coverage adjustment through the optional low profile or ceiling mount brackets.
- ▶ Sneak lens provides added coverage in the detector's blind spot.

Micra 360

- ▶ 360° detection pattern with floor coverage up to 11m diameter.
- ▶ Adjustable by an internal link to provide only 8m coverage.
- ▶ Ease of installation with all wiring going through a removable base.

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