

Guardall VEx

V-Series Outdoor Passive Infrared Detector

The Guardall VEx is the outdoor variant of the highly successful V-series of intrusion detectors. Using the revolutionary Guardall Dual-Hex technology, the VEx offers exceptional peace of mind due to its outstanding false alarm immunity.

Superior Flexibility

The Guardall VEx acts as an outdoor trigger to activate a multitude of alarm devices, like panel message, sounders and sirens, CCTV cameras, outdoor lights etc. giving advance warning of intrusion and acting as deterrent.

2 different coverage versions – 15m Volumetric and 30m Corridor – make the VEx the ideal detector for both commercial and residential applications as varied as car / lorry parks and loading bays, private gardens and driveways, along fences and paths etc.

Ease of Installation

Extra care has been taken in the design to allow for ease of installation with a fixing template for straight-forward mounting, a pull-out connector block for effortless wiring, a wide coverage adjustment to suit even difficult coverage areas and a secure locking mechanism to prevent tamper.



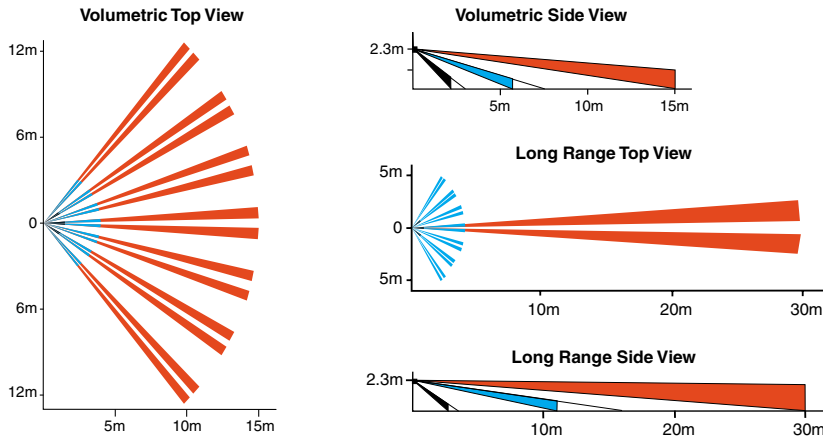
Guardall

● V SERIES

Guardall VEx

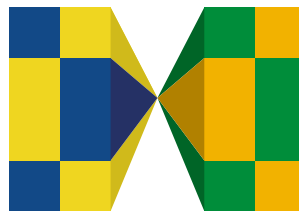
SUPPLIER/INSTALLER

COVERAGE DIAGRAMS



DUAL HEX TECHNOLOGY

- 12 pyro-element detection pattern in each zone = 204 detection points (Volumetric) or 132 detection points (Long Range).
- 2 amplifier channels requiring exact match for verification.



ORDERING INFORMATION

VEx 15m Volumetric
VEx 30m Long Range

W74302
W74303

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

TECHNICAL SPECIFICATION

Detector voltage	9V to 16V dc	
Current	12mA non alarm, 11mA alarm, typical @ 12V dc	
Max. ripple	2V peak to peak @ 12V dc	
PIR coverage adjustment	+10° to -50° vertically, +/- 90° horizontally	
LED indication	Test Input High to enable	
Temperature range	-10° to +55° C	
Temperature compensation	Digitally profiled temperature compensation	
Alarm output	Normally closed, voltage free, reed relay contacts. Rated @ 24V dc, 50mA dc with a maximum of 10 Ω on resistance	
Alarm period	Approx. 3 seconds	
Tamper output	Normally closed, voltage free, switch contacts. Rated @ 30V, 50mA	
Test Input	Normally low or open circuit, connect to detector's positive supply to activate (High)	
IP rating	IP 55	
Weight	190g	
Dimensions	Nominal	Maximum
Height	135mm	135mm
Width	94mm	130mm
Depth	85mm	140mm

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Outstanding quality features:

- Revolutionary Dual-Hex technology, for superior reliability and prevention of false alarms caused by sunlight, electrical noise etc.
- Custom designed ASIC utilising digital technology.
- Profiled temperature compensation prevents over-sensitivity at high temperatures.
- White light filter to protect against fluorescent light and vehicle headlamps.
- Performs a self-test every 30 minutes.
- Internal lens ventilation to prevent condensation.
- Robust outdoor casing with IP55 rating.
- Cover tamper switch.
- Low supply monitor.

Easy installation:

- Pull-out connector block on a flexible cable harness for effortless wiring.
- Fixing template provided for straightforward mounting.
- Sturdy wing nut for convenient head adjustment locks it safely into position.
- Wide coverage adjustment to suit even difficult coverage areas.
- Graduated scale for precise adjustment of horizontal coverage.

NOT FOR MAINS SWITCHING

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