

# WMAG & WMAG-I

Wireless Magnetic Contact Detectors



## Overview:

Vanderbilt's WMAG and WMAG-I magnetic contact detectors seamlessly blend style and security resulting in a class leading product. The installer can choose the appropriate detector, depending on the type of target surface and application. The WMAG is slim and stylish and can be installed in seconds, while the WMAG-I supports the wiring of an external input device. These devices are easy to mount, easy to pair, and easy to configure, ensuring installation time is minimized. In addition, both devices use enhanced, low current RF technology which provides superior communications and ensures long battery life.



## Class leading security protection:

- ✓ Highly accurate hall effect sensors
- ✓ Left or right magnet placement (WMAG)
- ✓ Support for external input (WMAG-I)
- ✓ Configurable input as internal or external (WMAG-I)
- ✓ EN Grade 2 approved



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## Superior RF and battery performance:



### Long battery life

With high performance Lithium batteries and APS (Automatic Power Save) technology the WMAG and WMAG-I detectors have a battery life of 5 years.



### Long RF range

500m open air range means that a single transceiver can cover the majority of installations.

## Quick installation and configuration:



### Easy to mount

The WMAG can be mounted in seconds using high performance adhesive on the rear of the device. Alternatively, the WMAG-I can be screwed to the target surface. The magnets are also affixed using adhesive and magnet placement is assisted by LED guided walktest.



### Easy to pair

Smart Pairing mechanism allows the device to pair with the SPC transceiver in seconds.

Key features include:

- ✓ Automatic pairing on battery insertion
- ✓ LED guided Enrolment
- ✓ LED guided Walktest



### Easy to configure

The WMAG and WMAG-I devices are entirely firmware configurable and entirely firmware configurable 'over-the-air'.

Configurable features include:

- ✓ Sensitivity
- ✓ Supervision time adjustment
- ✓ LED behaviour









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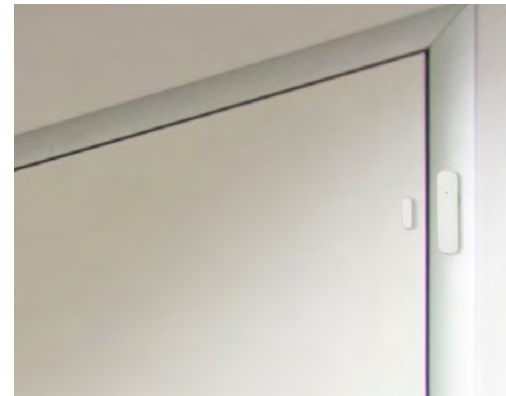
	Frequency Band	868-869MHz / 916-917MHZ
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## Battery / Power:

	Power Supply	<b>WMAG:</b> 2 x AAA Batteries Energizer® L92 <b>WMAG-I:</b> 1 x GP CR123A
	Battery Life	5 years
	Range in open space	> 500 m
	Current Draw	Standby ~4µA Receive mode ~24 mA Transmit mode ~45 mA
	Transmit power	~ 14dBm
	APS Automatic Power Saving	Yes

## Intrusion Detection Properties:






	Detection Method	<b>WMAG:</b> 2 x Hall effect sensors (left or right) <b>WMAG-I:</b> 1 x Reed switch
	Supervision Time	7 min by default (programmable between 1 to 30 min)
	Event Transmission	Alarm, Tamper, Supervision, Low Battery



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## Mounting specifications:

	Operating Temperature	-10°C to +50°C
	Max. magnet placemen	14mm
	Dimensions	<b>WMAG:</b> 100mm x 26mm x 16mm <b>WMAG-I:</b> 98 x 22 x 23mm
	Weight (Inc. battery)	<b>WMAG:</b> 100 gr <b>WMAG-I:</b> 50gr
	LED Indications	Red LED: Device activation Green LED: Walktest

## Ordering Information:

Type	Art. No	Description
WMAG	V54538-F111-A100	WMAG Wireless Magnetic Contact Slim
WMAG-I	V54538-F114-A100	WMAG-I Wrls. Magnetic Contact w. input



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