



Vanderbilt's WPIR and WPIR-CRT seamlessly blend style and security resulting in a class leading product. These devices have a detection range of 12 meters and can be configured for use in any environment, establishing the highest security protection. The 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 that provides superior communication and ensures long battery life.

Key features

1. 12m detection coverage
2. Adjustable settings for installation in any environment
3. EN Grade 2 approved
4. PET immunity up to 25kg (WPIR)



Features & Benefits

- **Long battery life**

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

- **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

- **Long RF range**

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

- **Easy to configure**

The WPIR and WPIR-CRT devices are entirely firmware configurable 'over the air' and contain no mechanical dip switches

Configurable features include:

- Sensitivity
- PET Immunity
- Supervision time
- LED behaviour

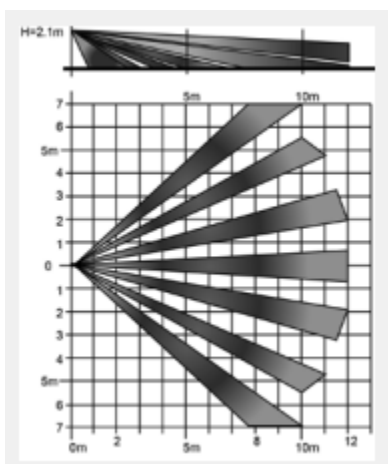
- **Easy to mount**

The WPIR device supports both corner and flat mounting with full tamper support. The WPIR-CRT device can also be mounted using a bracket for optimum placement or using high performance adhesive for quick installation.

Detection capabilities

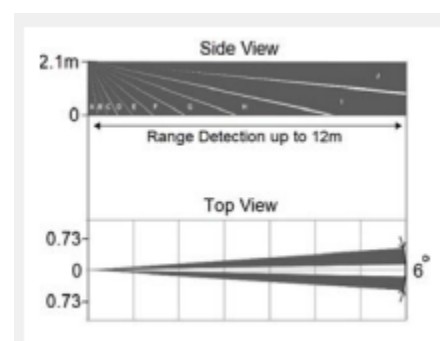
WPIR:

- Quad Element PIR
- 90° viewing angle
- PET Immunity up to 25K



WPIR-CRT:

- Pyro Element with Mirror Optics
- 6° viewing angle



Technical Data

Power and mechanical

Automatic power saving	Yes
Battery type	Lithium 3V battery type CR123 / Size 2/3AA
Operating temperature	-10 ~ +50 °C
Transmit power	~ 14dBm

Intrusion

Event transmission	Alarm, Tamper, Supervision, Low Battery
Supervision time	7 min by default (programmable between 1 to 30 min)

Functional

LED Indicators	Red LED: PIR Activated Green LED: Walktest
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General

Battery life	5 Years
Current consumption	Standby ~11 µA Receive mode ~24 mA Transmit mode ~45 mA
Detection characteristics / range	12 meter
Dimensions (L x W x H)	108 x 58 x 42.5 (mm)
Frequency	868 - 869 Mhz
Max. pet weight	25 Kg
Optimal installation height	1.8m to 2.4m
Pet immunity	25Kg (WPIR only)
Range	500 m
Weight	135 g

Ordering Data

Type	Art. No.	Description
WPIR	V54538-F109-A100	Wireless 12m PIR detector PET
WPIR-CRT	V54538-F110-A100	Wireless curtain PIR detector