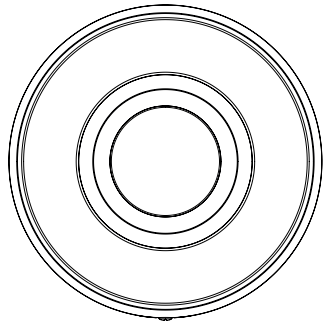


W-DT-360

Installation Instructions



Wireless 360 Ceiling
Mount Dual Technology

www.orisec.co.uk

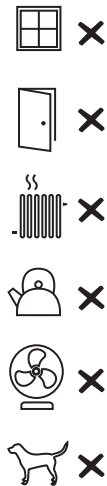
Key Features

- 2 Way Wireless Communications
- Simple Enrolment
- True Battery Reading
- Digital Thermometer
- Frequency Hopping Technology
- Quad PIR + Microwave (24GHz)
- 2.4m – 4.0m Mounting Height
- Grade 2
- Free-form Fresnel lens†
- Sealed Optics
- Digital Pulse Count†
- Temperature Compensation
- Advanced Signal Processing†
- RFI Immunity up to 2.7GHz

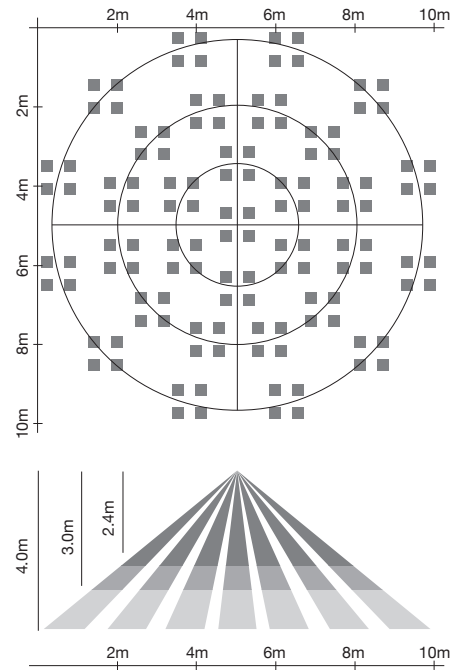
†Patent Pending

1 Location

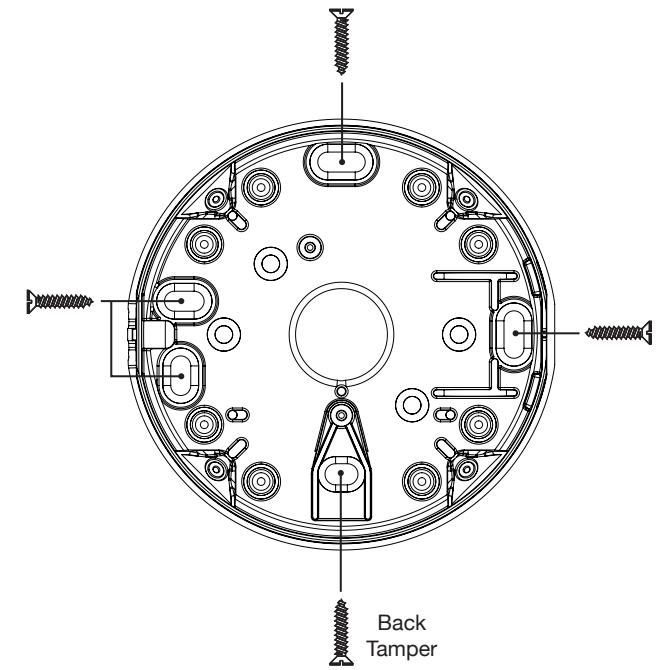
Location Warning



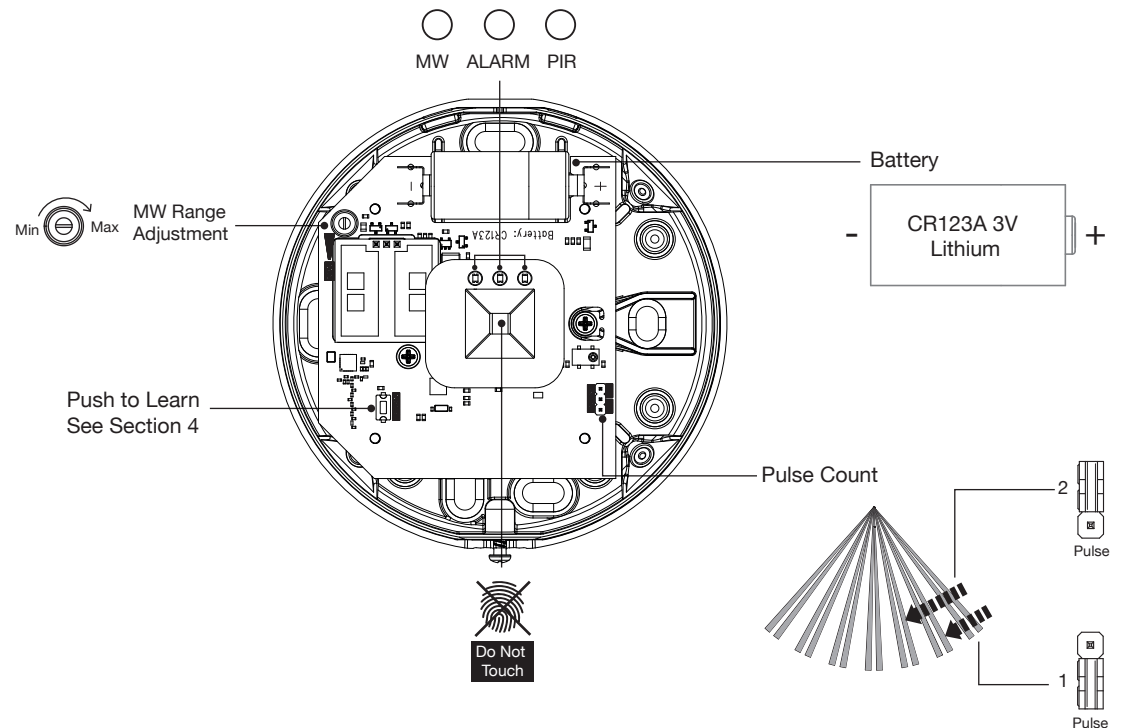
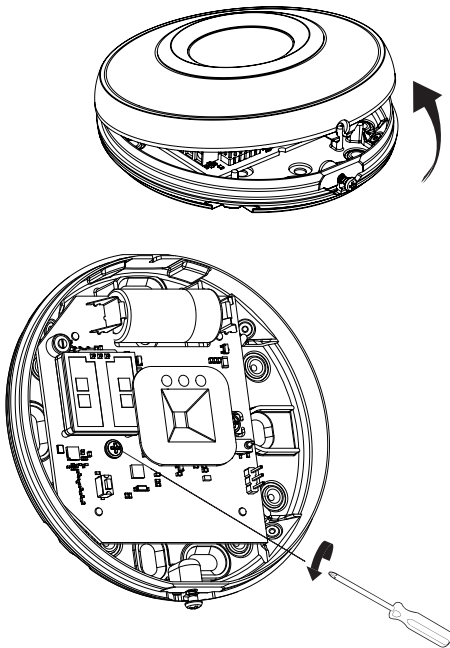
Coverage Pattern



2 Mounting



3 Detector Setup



4 Learn Mode & LED Indication

On the control panel:

- Enter engineering mode
- Select “setup wireless zones”
- Highlight required zone
- Scroll down to “learn”
- Press and hold “Learn” button on the detector for 1 second

The signal strength can be shown by activating the lid tamper switch.

LEDs Indicate Signal Strength:

- Green LED = Strong Signal
- Orange LED = Medium Signal
- Red LED = Low Signal

The LEDs will also act as a walk test indicators. To preserve battery life this is normally only enabled when the control panel is in Engineer Mode.



MW ALARM PIR

Specification

Description	Wireless 360° Ceiling Mount
	Dual Technology
Pyro Electric Sensor	Quad Element
MW Frequency	24.15 - 24.25 GHz
Optics	Free-form Fresnel
Detection Areas	124
Mounting Height	2.4m - 4.0m
Battery	CR123A 3V Lithium
Frequency	868.65MHz & 869.15MHz
Pulse Count	Digital
Start-up Time	60 seconds
Alarm Time	> 2 seconds
Target Speed	0.3m/s - 3.0m/s
Dimensions (whd) mm	108 x 108 x 31
Housing Material	3mm ASA
Operating Temperature	-20°C to +55°C
Storage Temperature	-35°C to 60°C
Maximum Humidity	95% non-condensing
Product Weight	115g
Packed Weight	130g
Maintenance	Annual Installer Check

Standards and Approvals

Security

PD 6662:2017
EN 50131-2-4:2008 Grade 2, Class II
EN50131-5-3:2017

EMC / False Alarm Immunity

EMC Immunity: EN 50130-4:2011
+A1:2014
Radiated Immunity: 80MHz to 2.7GHz
Electrostatic Discharge: +/- 8kV
Conducted Immunity: 0.15MHz to 100MHz
Fast Transient Immunity: 2kV
Conducted & Radiated Emissions: EN 55032:2015+All:2020

Conforms to European Union (EU) Electro-Magnetic
Compatibility (EMC) Directive 2014/30/EU and EN
50130-4:2011+A1:2014
EMC Environment: Residential / Commercial / Light
Industrial / Industrial



CE: You can view the product EC Declaration of Conformity
here: orisec.co.uk/compliance

Regulatory



WEEE Directive: 2012/19/EU Compliant: This symbol indicates that according to local laws and regulations, this product should not be disposed of as municipal/household waste. Instead, it should be disposed of at the appropriate collection points designated for the recycling of electrical and electronic equipment, or returned to Orisec upon purchase of new replacement products. This will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

RoHS RoHS Directive: 2011/65/EU Compliant:
Orisec declares that this product complies with and conforms to RoHS legislation that it does not contain more than the agreed levels of: Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Cr6+), Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE)



Designed and Manufactured
in the United Kingdom

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Haslingden, Lancashire. BB4 4PW. United Kingdom



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