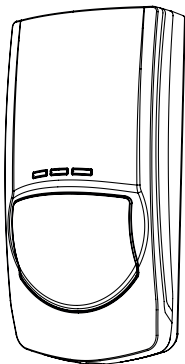


W-IR-200E

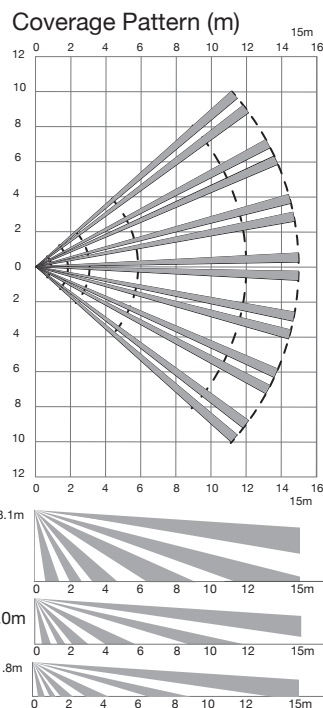
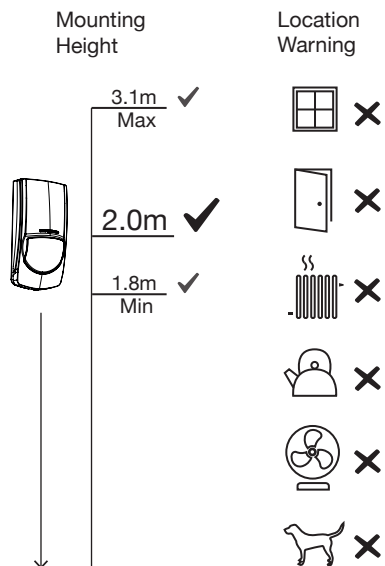
Installation Instructions



Wireless Digital PIR Detector

www.orisec.co.uk

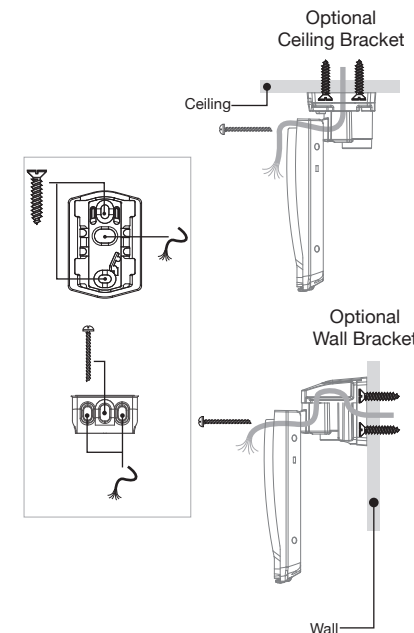
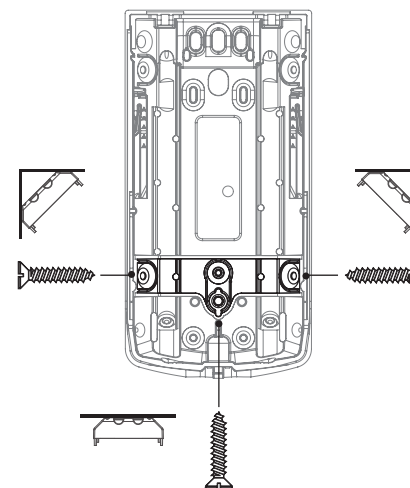
1 Location



2 Mounting without bracket

or

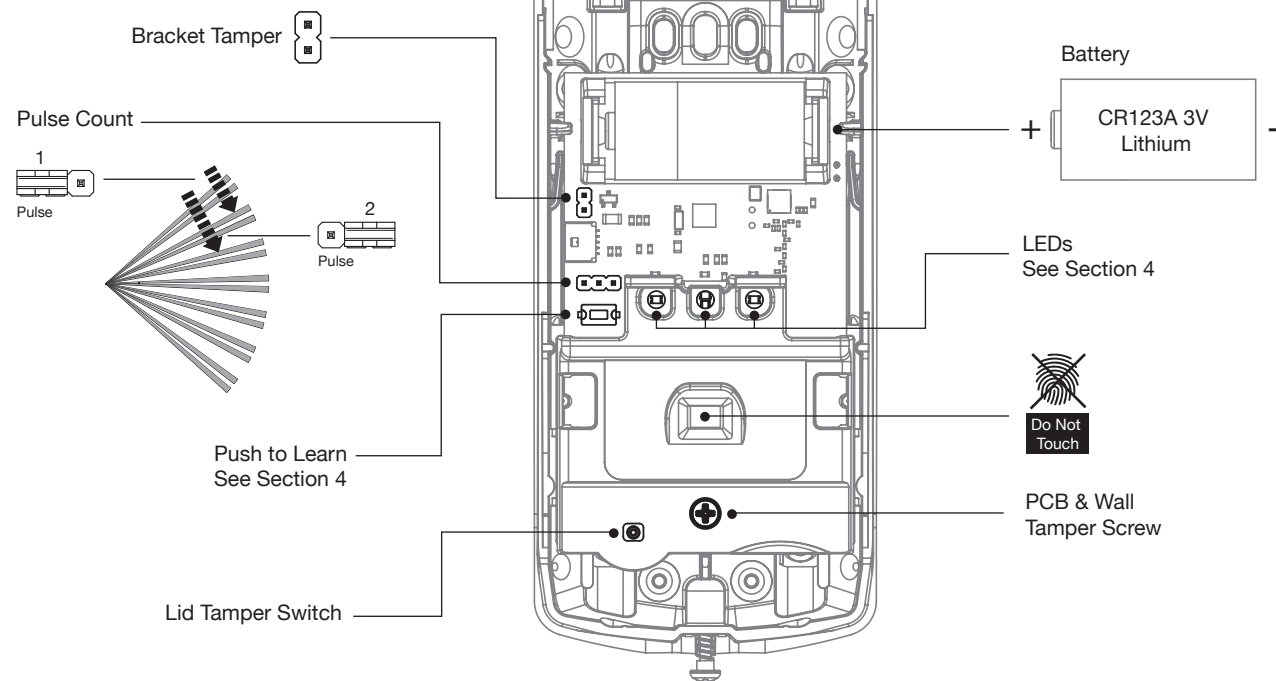
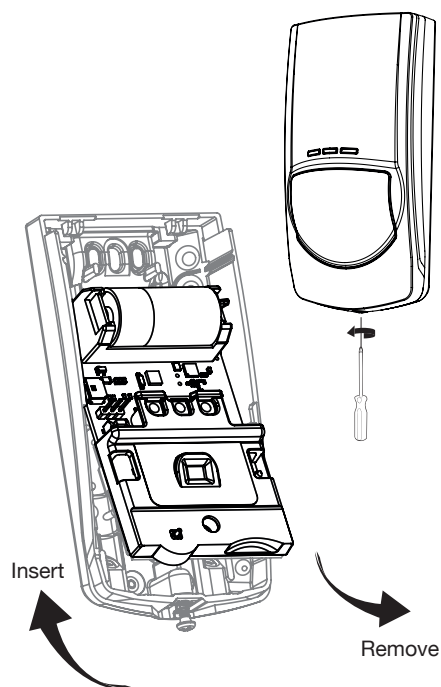
Mounting with bracket



Key Features

- 2 Way Wireless Communications
- Simple Enrolment
- True Battery Reading
- Digital Thermometer
- Frequency Hopping Technology
- 15 Metre Range
- Grade 2
- Multi Height Optics
- 1.8m - 3.1m Mounting Height
- Slide to Fit Front Cover
- Sealed Optics
- True Creep Zones
- Digital Pulse Count†
- Temperature Compensation
- Digital Signal Processing†
- RFI Immunity up to 2.7GHz
- Optional Tampered Bracket
- Interchangeable Cartridges

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

LEDs Indicate Signal Strength:

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

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

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.

Specification

Description	Passive Infrared Detector
Pyro Electric Sensor	Dual Element
Range	15m
Optics	Multi Height Spherical
Mounting Height	1.8m - 3.1m
Battery	CR123A 3V Lithium
Frequency	868.65MHz and 869.15MHz
Signal Processing	Digital Signal Processing
Typical Wireless Range	> 150m line of sight
Average Battery Life	> 2 years
Pulse Count	Digital
Start-up Time	60 seconds
Target Speed	0.3m/s - 3.0m/s
Dimensions (whd) mm	60 x 118 x 40
Housing Material	2.5mm ASA
Operating Temperature	-20°C to +55°C
Storage Temperature	-35°C to 60°C
Maximum Humidity	95% non-condensing
Product Weight	110g
Packed Weight	130g
Maintenance	Annual Installer Check

Standards and Approvals

Security

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

EMC / False Alarm Immunity

EMC Immunity:	EN 50130-4:2011 A1:2014 EN 301 489-3 V1.6.1
Radiated Immunity:	80MHz to 2.7GHz
Electrostatic Discharge:	+/- 8kV
Conducted Immunity:	0.15MHz to 100MHz
Fast Transient Immunity:	2kV
Radiated Emissions:	EN 55032:2015 EN 300 220-2 V2.3.2

Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU
EMC Environment: Residential / Commercial / Light Industrial / Industrial
Conforms to RE Directive 2014/53/EU



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

Warranty

The Orisec W-IR-200E is guaranteed against defects in material or faulty workmanship for a period of two years from the date of purchase, excluding battery.
Disclaimer: Orisec will not accept any liability based on a claim that the Orisec W-IR-200E failed to perform correctly as it is a component part of an installation and not a complete intruder alarm system.

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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