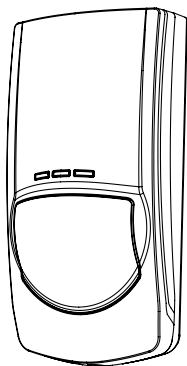


IR-200

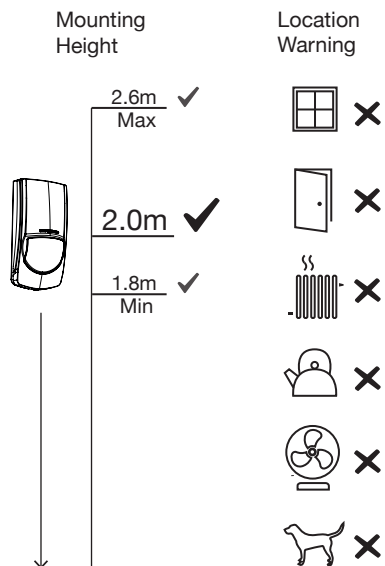
INCERT Approved
Installation Instructions



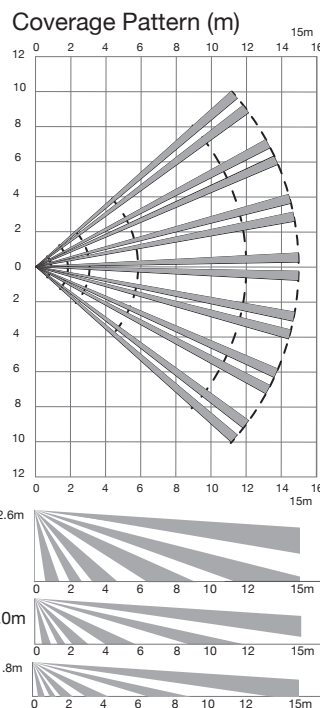
Digital PIR Detector

www.orisec.co.uk

1 Location



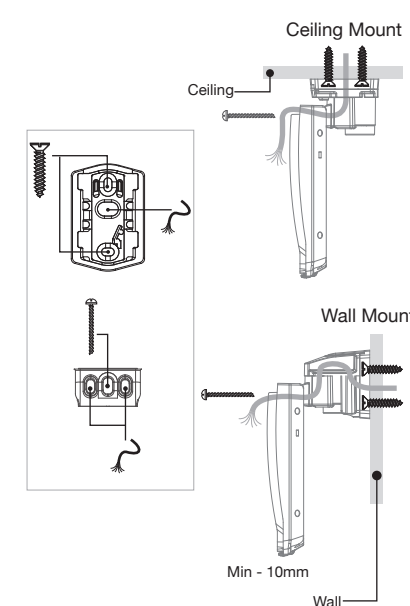
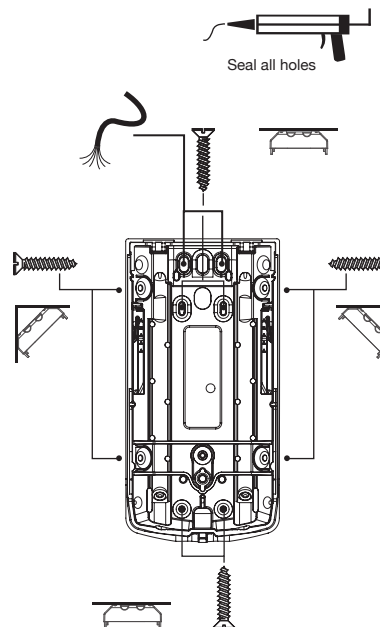
Warning: Do not obscure partially or completely the detector's field of view.



2 Mounting without bracket

or

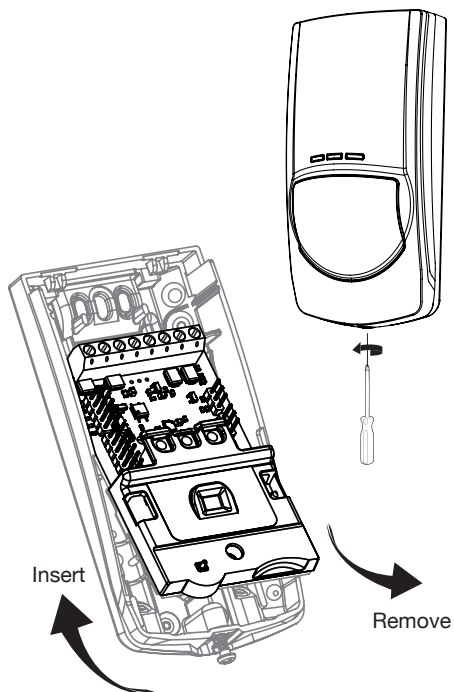
Mounting with optional DB-G2 wall & ceiling bracket



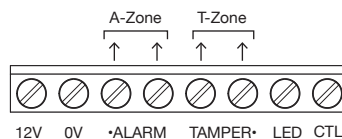
Key Features

- 15 Metre Range
- Grade 2
- Multi Height Optics
- 1.8m - 2.6m Mounting Height
- Interchangeable Cartridges
- Selectable EOL Resistors
- Slide to Fit Front Cover
- Remote LED Control
- Sealed Optics
- True Creep Zones
- Digital Pulse Count[†]
- Temperature Compensation
- Digital Signal Processing[†]
- RFI Immunity up to 2.7GHz
- Optional Tamper Proof Bracket[†]

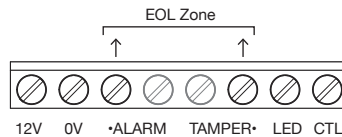
3 Detector Setup



For Double Pole Wiring



For EOL Wiring

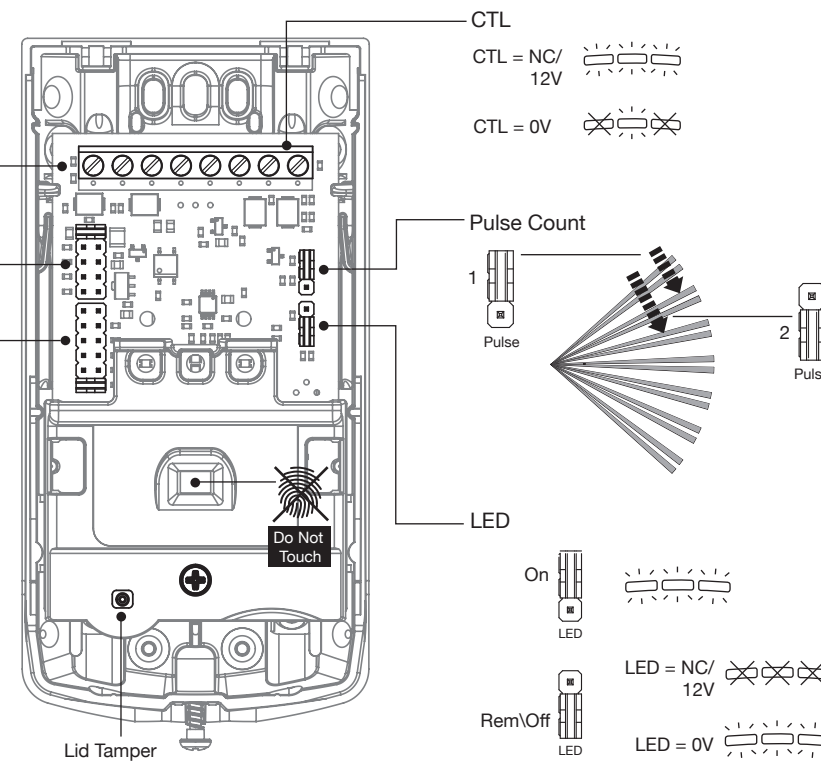


Tamper Resistor

O/C	
1K0	
2K2	
4K7	
5K6	

Alarm Resistor

O/C	
1K0	
2K2	
4K7	
5K6	
6K8	



Specification

Description	Passive Infrared Detector
Pyro Electric Sensor	Dual Element
Range	15m
Optics	Multi Height Spherical
Mounting Height	1.8m - 2.6m
Supply Voltage	9 - 15VDC (12V nominal)
Quiescent Current	15mA
Max Current (LEDs On)	19mA
LED Control = 0V	LED Enabled
LED Control = 12V / NC	LED Disabled
Pulse Count	Digital
Start-up Time	60 seconds
Alarm Time	> 2 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	125g
Maintenance	Annual Installer Check

Warranty

The Orisec IR-200 is guaranteed against defects in material or faulty workmanship for a period of 10 years from the date of purchase.

Disclaimer: Orisec will not accept any liability based on a claim that the Orisec IR-200 failed to perform correctly as it is a component part of an installation and not a complete intruder alarm system.



UK Based Technical Support:
t: +44 (0) 1706 398740
e: support@orisec.co.uk

Standards and Approvals

Security
PD 6662:2017
EN 50131-2-2:2021 Grade 2, Class II
INCERT T 031 + A1:2018

EMC / False Alarm Immunity
EMC Immunity: EN 50130-4:2011
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

Hereby, Orisec Ltd declares that the IR-200 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

Certification body: Kiwa



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

EU & UK Registered Design

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

Manufacturer: Orisec Ltd, 1 St Crispin Way,
Haslingden, Lancashire. BB4 4PW. United Kingdom