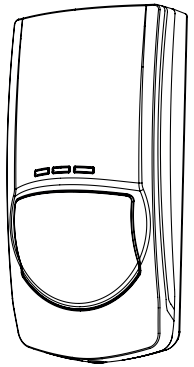
Orisec

DT-200-PET

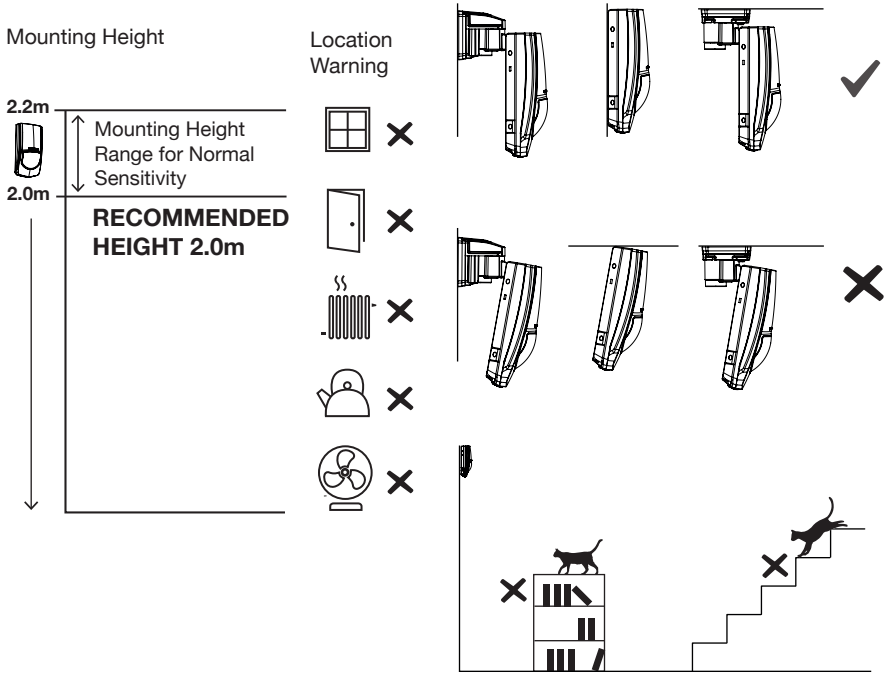
INCERT Approved
Installation Instructions

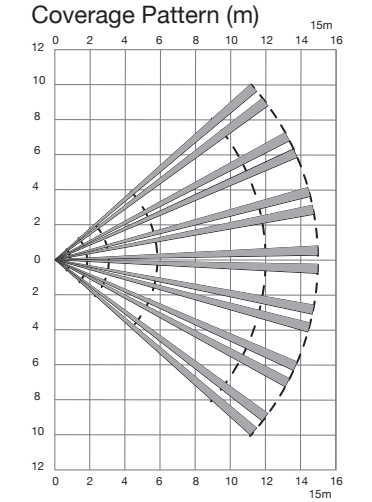


Pet Friendly
Digital Dual Technology Detector

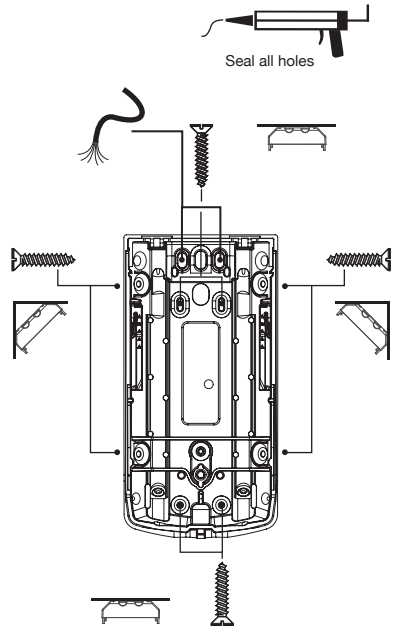
www.orisec.co.uk

Location





2 Mounting
without bracket

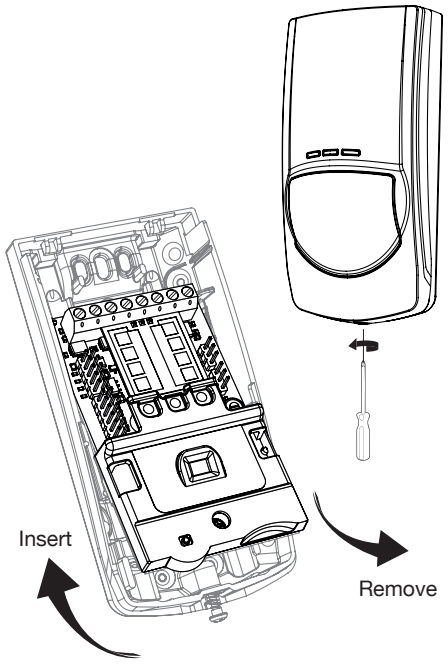


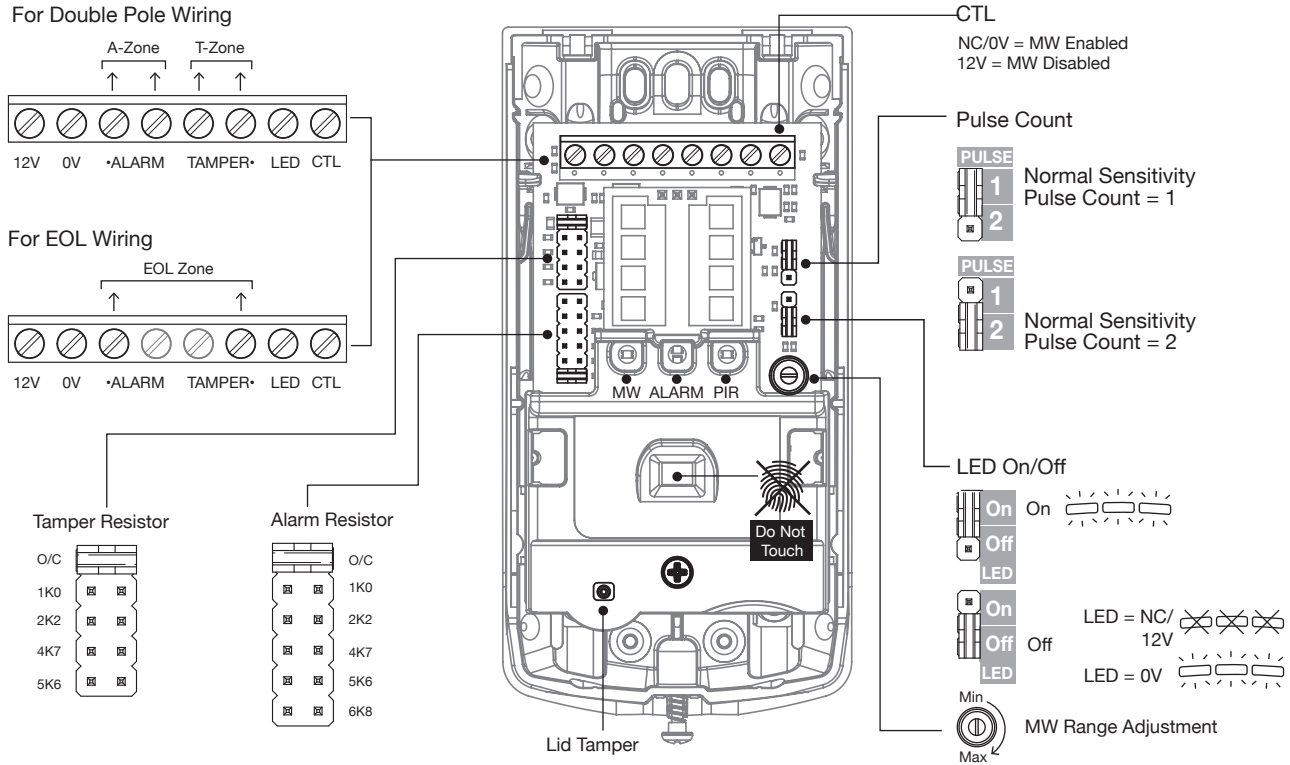
Key Features

- 35kg Pet Friendly
- Dual Technology Combined Microwave (24GHz) / PIR
- Grade 2
- 15 Metre Range
- Multi Height Optics
- 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

†Patent Pending

3 Detector Setup





Specification

Description	Dual Technology Combined Microwave (24GHz) / PIR
Pyro Electric Sensor	Dual Element
Max Pet Weight	35kg
Range	15m
Optics	Multi Height Spherical
MW Frequency	24.15 - 24.25 GHz
Detection Areas	68
Mounting Height	2.0m - 2.2m
Supply Voltage	9 - 15VDC (12V nominal)
Quiescent Current	17mA
Max Current (LEDs On)	22mA
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	115g
Packed Weight	130g
Maintenance	Annual Installer Check

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)

Standards and Approvals

Security
PD 6662:2017
EN 50131-2-4:2020 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 DT-200-PET conforms to: RE Directive 2014/53/EU, European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU EMC Environment: Residential / Commercial / Light Industrial / Industrial

Certification body: Kiwa

CE 0682 UKCA kiwa

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

EU & UK Registered Design
Patent No: GB2553133

Warranty

The Orisec DT-200-PET 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 DT-200-PET failed to perform correctly as it is a component part of an installation and not a complete intruder alarm system.

BS EN ISO 9001 : 2015 Registered Firm	International Accreditation Board
Certificate No. GB2005228	Registration No. 0044/1

UK Based Technical Support:
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Orisec

Designed and Manufactured in the United Kingdom

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