

DS-PD2-D15E

15m Dual-tech Detector

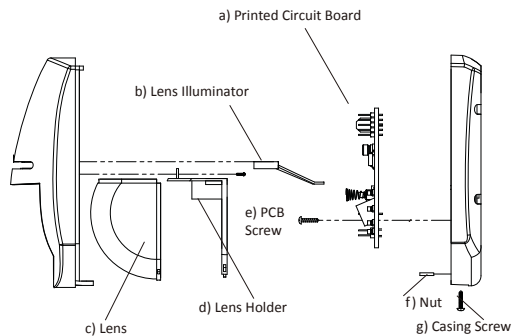
HIKVISION



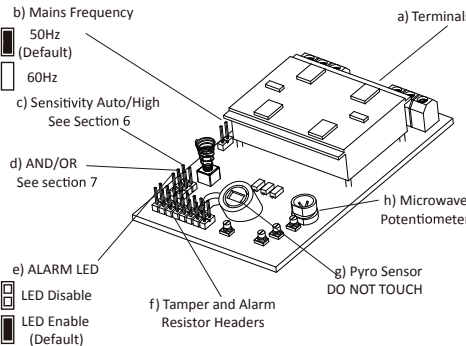
This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.



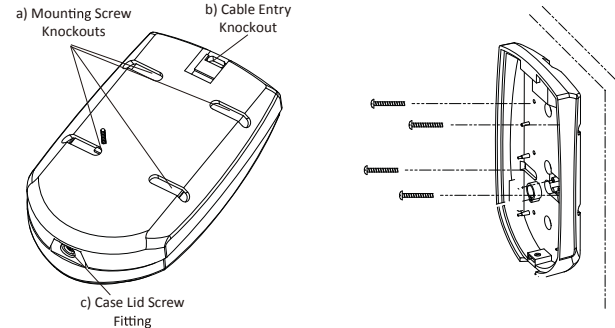
1: Disassembling the KX



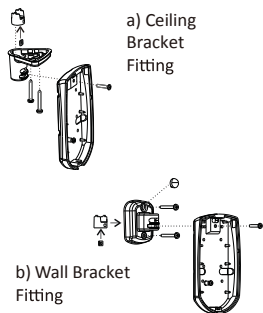
2: The Printed Circuit Board



3: Cable Entry + Mounting



4: Bracket Connections



5: Installation Hints

Do not partially or completely obscure the detector's field of view with large objects such as furniture.

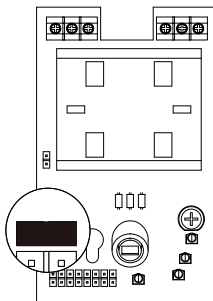
Avoiding False Alarms

When the detector is first powered up, it will run through a self-test routine, indicated by the flashing LEDs. Once this has distinguished the detector is ready to use.

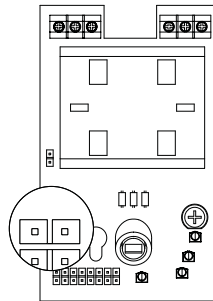
1. Avoid placing the detector in direct sunlight.
2. Do not let pets and other animals wander freely whilst the alarm system is armed.
3. Do not mount the detector near heaters or radiators.
4. Do not mount the detector near open windows or

6: Sensitivity Settings

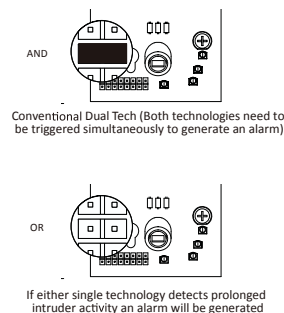
a) Auto Sensitivity (Default)



b) High Sensitivity

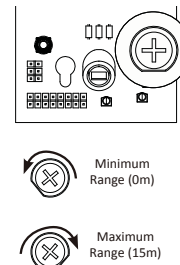


7: AND/OR Mode



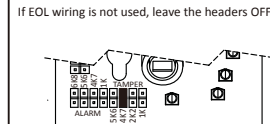
8: Microwave Potentiometer

Note: turning pot fully anti-clockwise turns off microwave



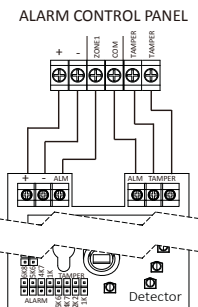
9: EOL Resistor Headers

The device has 2 set of header pins at the top of the printed circuit board. These headers are used to select the End of Line resistance for EOL wiring applications.

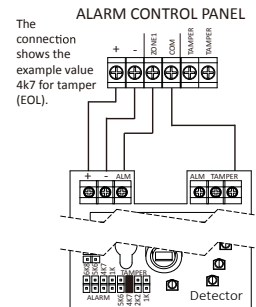


10: Choose the Connection Type:

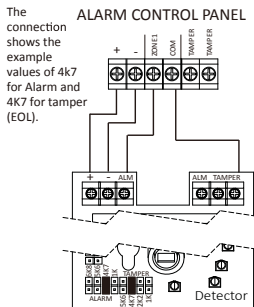
a) Normally Closed



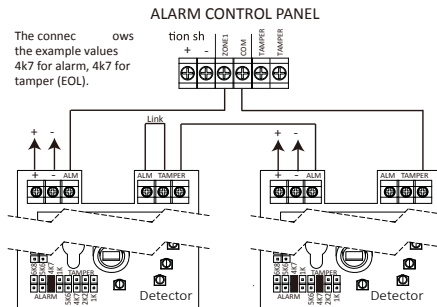
b) Single End of Line Wiring



c) Double End of Line Wiring

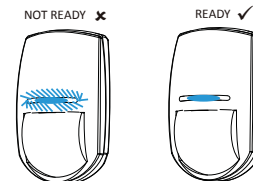


d) Two Double End of Line Detectors to One Input

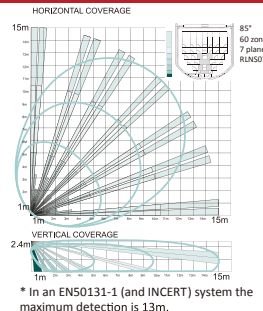


11: Powering Up

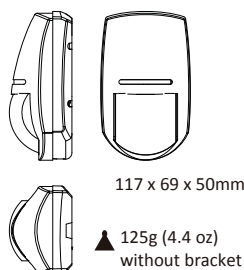
When the detector is first powered up, it will run through a self-test routine, indicated by the flashing LEDs. Once this has distinguished the detector is ready to use.



12: The 15m Volumetric Lens



13: Dimensions and Weight



14: Technical Specification

Coverage		Electrical specifications	
Maximum range	15m	Microwave frequency	30.515, 30.525, 30.535GHz
Optimal installation height	1.8-2.4m	Alarm response	2.5 second
Optimal zone protection	yes	Detection speed	0.3 - 3m/s
Anti-faults	yes	Direct light filter	6000 Lux
Blue Wave Technology	yes	Optics	Sealed
Automatic sensitivity	yes	Geometric lens configuration	3D
Digital temperature compensation	yes	Other details	
Separate indication: microwave, PIR and alarm	yes	Operating temperature	-10°C / +40°C
3 microwave frequencies to avoid interference	yes	Weight	125g
DIOL resistors on board	yes	Dimensions	117 x 69 x 50mm
Tamper protection included	yes	Accessories	yes
Signal Strength Indicators (SSI)	N/A	Wall/ceiling brackets included	yes
Wired		Certifications and warranty	
Power supply	9-16 DC (120C nominal)	Electrical conformity	CE
Current consumption at rest	23mA	Warranty	2 years
Current consumption in alarm	30mA		
Relay type	Solid state		
Output relay	600C, 30mA protection		
Tamper terminal	120C max, 50mA max		

The input voltage should meet both the SELV (Safety Extra Low Voltage) and the Limited Power Source according to the IEC60950-1 standard. Please refer to technical specifications for detailed information.

This product operates in a European non-harmonised frequency band

15: Product Information

User Manual
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About this Manual
This manual is applicable to detector.
The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website (<http://overseas.hikvision.com/en/>).
Please use this user manual under the guidance of professionals.
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FCC Information
Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help
FCC Conditions
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.