

# D-TECT LX 30 METRE LoRa PIR DETECTOR

GJD1230 LoRa D-TECT LX 868 MHz



## Installation Guide

### PACKAGE CONTENTS

- 1 x LoRa 30 Metre PIR
- 1 x Drilling template for fixing holes
- 3 x 31.75mm wall plugs
- 3 x 31.75mm screws
- 1 x Tamper cup
- 2 x Tamper Feet
- 1 x Installation guide

### Transfer Unique ID Code from the Detector to the Gateway

Set the LoRa® LX Gateway to 'Device Learn' (see LoRa® LX Gateway manual) then press and release the detector's program button.

### Fixing the Detector to the Wall

Protect against water during installation. Using the template provided drill the wall to accept the two fixing screws and the tamper cup if used.

### Adjusting Range and Pulse Count Settings

Range and pulse count settings are adjusted using the web interface on the LoRa® Gateway.

### Align and Walk Test

Align the detector to cover the required detection area using the pan and tilt adjustment. Walk test is enabled for the first 5 minutes after the batteries are inserted. Allow 2 – 3 minutes for the detector to settle. During walk test the LED is enabled and the sleep timer is fixed at 8 seconds. Always walk test with the cover fitted.

**Note: The PIR sensor is more sensitive to movement across the beams, and less sensitive to movement directly towards or away from the beams.**

### Batteries

Only use CR123 3 V Lithium batteries. Observe correct polarity when fitting.

### Battery safety information

- Do not put in a fire
- Do not charge
- Do not heat
- Do not short circuit
- Do not disassemble
- Only fit batteries of the same type and voltage

### Specifications

Detection range	30m x 70°
Mounting height	Up to 3m
Batteries	2 x CR123 3 Volt
Pulse count	1 or 2
Operating temperature	-20°C to +55°C
Protection	IP65
Dimensions	145 x 120 x 115mm
Weight	280g
Housing	High impact ABS
Communication	LoRa® 868MHz Bi-directional protocol
	

### SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, GJD Manufacturing Ltd declare that the radio equipment type GJD1230 LoRa D-TECT LX 868 MHz is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at [gjd.co.uk](http://gjd.co.uk)

This equipment operates on 868 MHz frequency band therefore must only be used in regions where this is permitted license-free

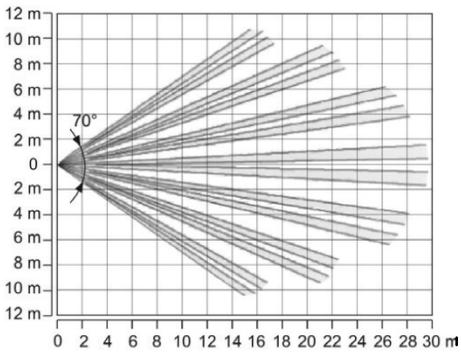
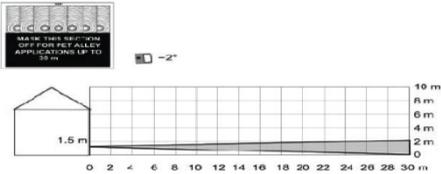
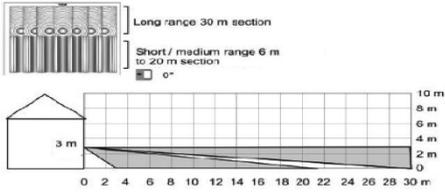
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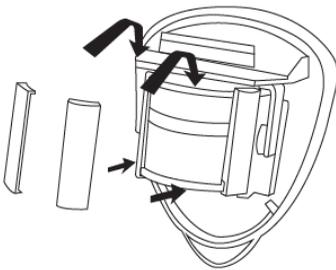
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## Beam Patterns



## Fitting Beam Alignment Curtains



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