



White 

Silver 



Pearl Curtain Beam Detector

The Pearl sensor is an outdoor motion detector that uses PIR and microwave sensors for dual detection. The motion detector will aid to protect your property against crime with its invisible curtain using passive infrared sensing.

It can be positioned to look across windows, doors or the entire length of the house or property wall. It also comes standard with anti-masking circuitry and separate output contacts.

The Pearl detector comes standard with a customisable "T" bracket for narrow beam applications protecting across a door or window. An additional swivel bracket can be purchased for applications that require a customisable pan and tilt angle.

FEATURES & BENEFITS

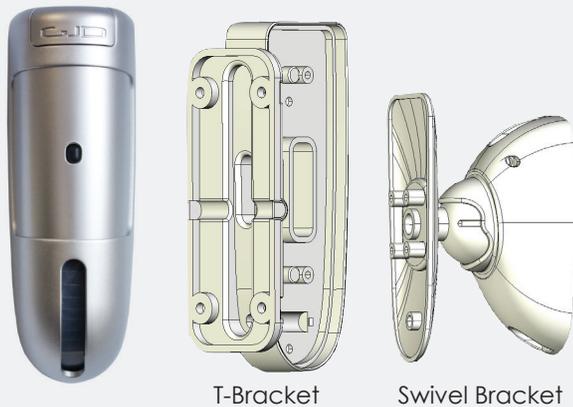
- IP65, suitable for outdoor use
- Dual technology, PIR and microwave
- Narrow PIR curtain lens
- Low voltage 12VDC supply input
- Temperature compensation for extreme environments
- Up to 12 meter programmable detection range
- N/C volt free contacts for tamper, mask and alarm
- Available in silver or white
- Masking detection to prevent intruder tampering



APPLICATIONS



Product Features



T-Bracket

Swivel Bracket

Codes

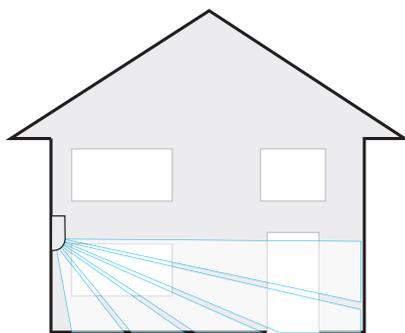
GJD140 10.587GHz Detector (UK)

GJD141 10.525GHz Detector

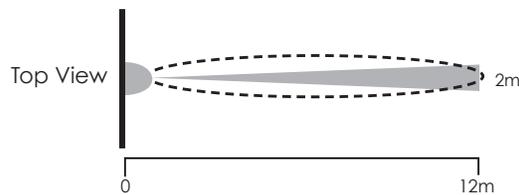
GJD149 Swivel bracket

| | |
|--|---|
| PRODUCT CODE | GJD140 |
| DETECTION RANGE | 3m, 6m, 9m, 12m, |
| NORMALLY CLOSED ALARM | 50mA 24Vdc alarm time 10s |
| NORMALLY CLOSED MASKING | 50mA 24Vdc |
| NORMALLY CLOSED TAMPER | with 20Ω impedance 50mA |
| POWER INPUT | 12V +/- 3V @ max 40mA |
| During installation the DC supply fault current shall be limited to a maximum of 1A | |
| OPERATING TEMPERATURE | -20°C to +55°C |
| TEMPERATURE COMPENSATION | Digital |
| MICROWAVE FREQUENCIES | GJD140 10.587GHz (UK) GJD141 10.525GHz |
| MAX BEAM PATTERN AREA | 12 x 2m |
| DIMENSIONS | 117mm(h) x 44mm(w) x 41mm(d) |
| T-BRACKET | 120mm(h) x 68mm(w) x 50mm(d) |
| BOXED | 125mm(h) x 93mm(w) x 58mm(d) |
| WEIGHT | 154g |
| PACKED WEIGHT | 200g |
| CABLE (<200m) | 8 core 7/0.2mm |
| WALK TEST | Using LED indication |
| RECOMMENDED MOUNTING HEIGHT | 2 - 2.5m |
| SWIVEL BRACKET ACCESSORY | GJD 149 |

Beam Coverage



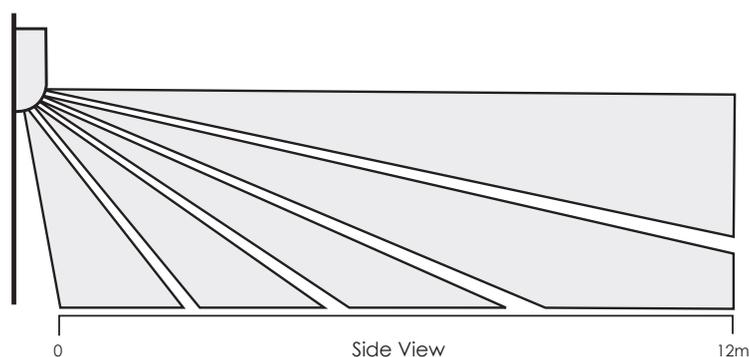
Side View



Top View



Top View



Side View



www.gjd.co.uk | info@gjd.co.uk | +44 (0) 1706 363 998

Unit 2 Birch Business Park,, Whittle Lane, Heywood, Lancashire, OL10 2SX