WIRED

Pearl Triple Tech Anti-Masking Curtain Detector

The Pearl sensor is an outdoor triple technology anti-masking motion detector, which uses PIR and microwave sensors for triple detection.

The motion detector will aid to protect properties against crime with its invisible curtain.

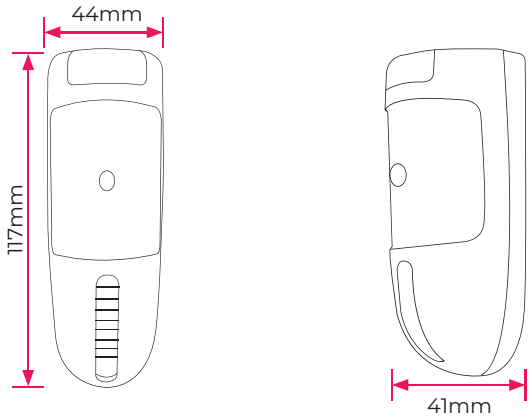
The Pearl can be positioned to look across windows, doors or the entire length of the house or property wall. It also comes equipped with anti-masking circuitry and separate output contacts.

The Pearl detector is supplied 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.

PRODUCT CODES

GJD142/W Pearl Curtain Detector White - 24 GHz

DIMENSIONS



FEATURES

- Triple technology, PIR, microwave and anti-masking
- Narrow PIR curtain lens
- Up to 12m selectable detection range
- N/C volt free contacts for alarm, mask and tamper
- Masking detection prevents intruder tampering

BENEFITS

- IP65 (Suitable for outdoor use)
- Low voltage 12V DC supply input
- Temperature compensation for extreme environments
- Available in silver or white
- Four selectable detection ranges

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SPECIFICATIONS

ACCESSORIES

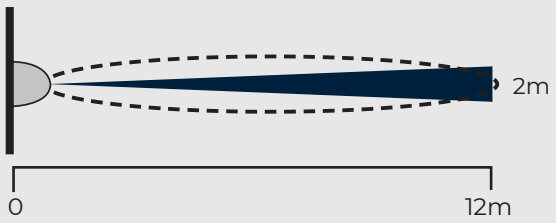
GJD149/W

White swivel bracket

DETECTION RANGE.	3m, 6m, 9m, 12m
NORMALLY CLOSED ALARM	50mA 24Vdc alarm time 10s
NORMALLY CLOSED MASKING.	50mA 24Vdc
NORMALLY CLOSED TAMPER.	with 20Ω impendence 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 GJD142	24 GHz
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

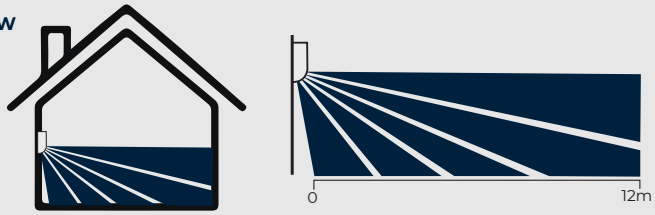
BEAM PATTERNS

TOP VIEW



TOP VIEW

SIDE VIEW



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