



D-TECT³

MOTION DETECTOR



INCORPORATES ADVANCED SIGNAL PROCESSING, UNIQUE OPTICAL SYSTEMS AND AN ADJUSTABLE MICROWAVE SENSOR FOR THE HIGHEST IMMUNITY TO FALSE ALARMS

The D-TECT³ is a BS 8418 compliant, quad PIR and microwave external movement detector which can be used to control cameras and also interfaces with GJD's lighting control systems.

The detector's triple technology sensing module is equipped with two volt free and two negative switched outputs with a programmable beam range of up to 30 metres, avoiding boundary overspill and offering truly exceptional resistance to false alarms.

- Aesthetically pleasing modern design incorporating advanced technological features with radically powerful capabilities.
- The D-TECT³ has a well proven exceptional resistance to false alarms. It also has a high immunity to triggers from the sun, reflections and shadows enabling response centres to deal with genuine threats.
- The adjustable pan (180°) & tilt (90°) electronics module, coupled with a mounting height of up to 6 metres, allows the view of D-TECT³ sensor and the camera to be matched.
- All detectors in the D-TECT range are programmable via an optional key fob remote control, which is a great benefit for post installation adjustments.
- A conduit cable adaptor is available for surface mount connections.
- The robust zinc alloy metal case is IP55 rated and fitted with front & rear tamper switches.



No other movement detectors are more versatile or offer such a wide range of features to enhance the detection of threats and significantly reduce the incidence of false alarms.

The D-TECT range sets new standards of performance and control, is easier to install and yet is highly cost-effective.

D-TECT³ MOTION DETECTOR



CODES

UK approved frequency 10.587 GHz

Gun metal housing, white polyethylene cover **GJD310GM**
 Gun metal housing, dark cover **GJD310GMB**
(PHOTOCELL FUNCTION SUPPRESSED)

Silver zinc alloy housing, white polyethylene cover **GJD310**
 Silver zinc alloy housing, dark cover **GJD310B**
(PHOTOCELL FUNCTION SUPPRESSED)

Europe approved frequency 10.525 GHz

Gun metal housing, white polyethylene cover **GJD311GM**
 Gun metal housing, dark cover **GJD311GMB**
(PHOTOCELL FUNCTION SUPPRESSED)

Silver zinc alloy housing, white polyethylene cover **GJD311**
 Silver zinc alloy housing, dark cover **GJD311B**
(PHOTOCELL FUNCTION SUPPRESSED)

NOTE - DARK COVERS ARE NOT RECOMMENDED FOR SECURITY LIGHTING APPLICATIONS

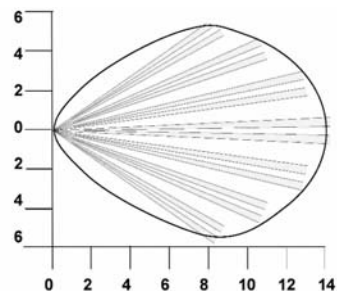
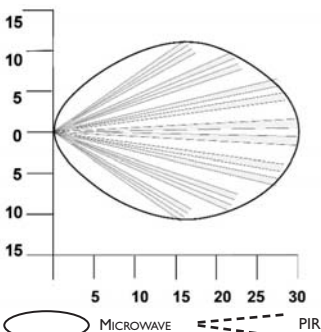
IR key fob programmer **GJD303**
 Pole mount bracket **GJD305**

Gun metal conduit cable entry adaptor ring **GJD304GM**
 Silver zinc alloy conduit cable entry adaptor ring **GJD304**



SPECIFICATIONS

Range Programmable	Up to 30m
Coverage	10° - 70° detection angle, 30m x 30m max
Adjustment	180° pan + 90° tilt
Mounting Height Variable	Up to 6m - optimum 3m
Fresnel Lens	28 zones for each Pyro pair
Customised Optics	Double silicon shielded quad element eliminates 50,000 lux of white light
Indicators	3 x LEDs green-microwave, red-both PIRs, blue-alarm output
Microwave Frequency	UK - 10.587 GHz, Europe - 10.525 GHz
Outputs	2 volt-free, silent solid state magnetically immune contacts 2 neg. switched plus one common tamper (front and rear switches)
Power input	9 to 15VDC
Current	15mA (12V nominal)
Pulse Count	1 - 3
Walk Test	Output test mode with LED indication
Operating Temp.	-20°C to + 55°C Conformally coated electronics for increased stability
Temp. Compensation	Digital sensitivity adjustment
Adjustable timer options	2 to 60 seconds
Adjustable light sensing	Dusk (2 Lux) to 24 hour
Housing	High impact zinc alloy
Protection Rating	Minimum IP 55
Dimensions	145 x 120 x 115 mm
Weight	770g NET, 910g GROSS
Cable < 200m	Utilising all five outputs (incl. tamper) - 12 core 7/0.2mm
Cable < 500m	Utilising all five outputs (incl. tamper) - 12 core 16/0.2mm



BEAM PATTERN SET TO MID RANGE - MASKING TOP SECTION OF LENS WILL REDUCE RANGE TO 20 METRES

BEAM COVERAGE

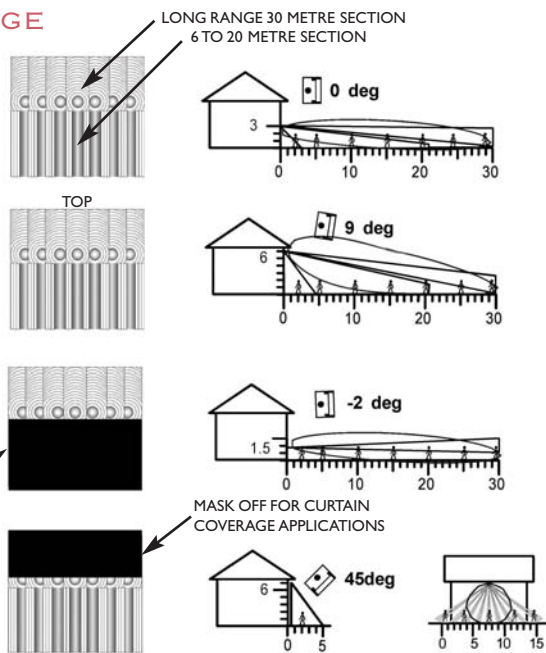
MULTI-BEAM - OPTIMUM
 HEIGHT 3 METRES
 RANGE MAXIMUM
 MODULE TILT 0 DEGREE

MULTI-BEAM
 HEIGHT 6 METRES
 RANGE MAXIMUM
 MODULE TILT 9 DEGREES

PET IMMUNITY
 HEIGHT 1.5 METRES
 RANGE MAXIMUM
 MODULE TILT -2 DEGREES

MASK OFF FOR PET ALLEY APPLICATIONS UP TO 30 METRES

CURTAIN COVERAGE
 HEIGHT 6 METRES
 RANGE MAXIMUM
 MODULE TILT 45 DEGREES



GJD
TAKE CONTROL

GJD Manufacturing Ltd, Unit 2, Birch Industrial Estate, Whittle Lane, Heywood OL10 2SX.
 Sales: +44 (0) 1706 363998 Technical +44 (0) 1706 363990
 Fax: +44 (0) 1706 363991 Email: info@gjd.co.uk
 Web: www.gjd.co.uk

