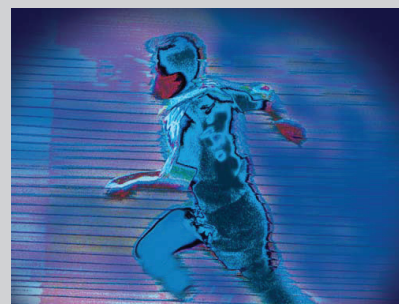


**GJD**  
DETECT & SECURE



## D-TECT 3 Motion Detector

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

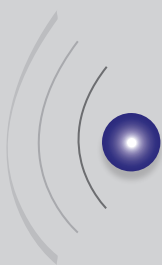
The D-TECT 3 is a BS 8418 compliant, quad element PIR and microwave external movement detector which can be used to control cameras and also interfaces with GJD's lighting control systems.

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.

### Features:

- Aesthetically pleasing modern design incorporating advanced technological features with radically powerful capabilities.
- The D-TECT 3 has a well proven exceptional resistance to false & nuisance 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 variable mounting height, allows the view of D-TECT 3 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.
- 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.
- A conduit cable adaptor is available for surface mount connections.
- The zinc alloy metal case is IP65 rated and fitted with front and rear tamper switches.
- Easy to install and highly cost-effective.
- Packed with engineer friendly features to ease cable terminations, set-up and servicing.

**The D-TECT range sets new standards of performance and control.**



## PRODUCT FEATURES

### APPROVED FREQUENCY CODES

Zinc alloy housing available in silver, chrome, black or white finishes with white (& optional burgundy) polyethylene cover.

<b>GJD310</b>	10.587GHz
<b>GJD311</b>	10.525GHz
<b>GJD312</b>	10.410GHz
<b>GJD314</b>	9.9GHz
<b>GJD315</b>	9.35GHz

### ACCESSORIES

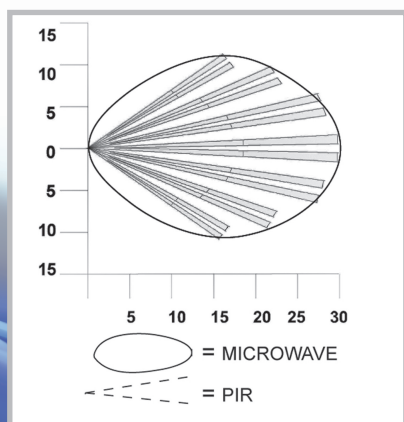
**GJD303** - IR Key Fob

**GJD304** - Conduit Adaptor

**GJD305** - Pole Mount Bracket

**GJD308** - 'D-Guard' Anti vandal cage

**GJD380** - Walk Tester

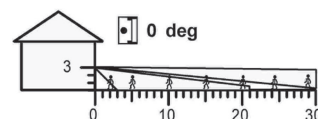
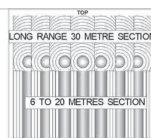


RANGE PROGRAMMABLE	Up to 30m
COVERAGE	10° - 70° detection angle, 30m x 30m max
ADJUSTMENT	180° pan + 90° tilt, with visual pan & tilt alignment markers
MOUNTING HEIGHT VARIABLE	Up to 6m (with range reduction) - Optimum 3m
FRESNEL LENS	28 zones for each Pyro pair
CUSTOMISED OPTICS	Double silicon shielded quad element eliminates 50,000 Lux of white light
INDICATORS	3 x LEDs <b>Green</b> - microwave, <b>Red</b> - both PIRs, <b>Blue</b> - alarm output
MICROWAVE FREQUENCY	Country dependent, refer to approved frequency codes
OUTPUTS	2 volt-free, silent solid state magnetically immune contacts 2 neg. switched plus one common tamper (front and rear switches)
END OF LINE RESISTANCE (EOL)	Selectable from 1K, 2K2, 3K3, 4K7, 5K6, 6K8
POWER INPUT	9 - 24 V AC/DC
CURRENT	15 mA (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 IP65
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 COVERAGE

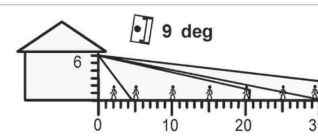
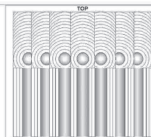
### MULTIBEAM - OPTIMUM

HEIGHT: 3 METRES  
RANGE: MAXIMUM  
MODULE TILT: 0 DEGREE



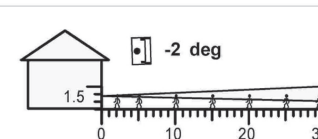
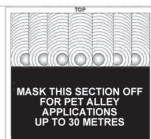
### MULTIBEAM

HEIGHT: 6 METRES  
RANGE: MAXIMUM  
MODULE TILT: 9 DEGREE



### PET IMMUNITY

HEIGHT: 1.5 METRES  
RANGE: MAXIMUM  
MODULE TILT: -2 DEGREE



### CURTAIN COVERAGE

HEIGHT: 6 METRES  
RANGE: MAXIMUM  
MODULE TILT: 45 DEGREE



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