



# D-TECT *Dual*

MOTION DETECTOR



INCORPORATES ADVANCED SIGNAL PROCESSING & UNIQUE OPTICAL SYSTEMS WITH ADJUSTABLE PIR AND MICROWAVE SENSING TECHNOLOGIES FOR THE HIGHEST IMMUNITY TO FALSE ALARMS

The D-TECT<sup>Dual</sup> is a BS 8418 compliant, PIR/microwave external movement detector, which can be used for intruder monitoring, CCTV surveillance and other alarm warning devices.

The detector's dual technology sensing module is equipped with one n/o and one n/c volt-free contact 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-TECT<sup>Dual</sup> 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 flexible mounting height of up to 6 metres, allows the view of D-TECT<sup>Dual</sup> sensor and the camera to be matched.
- 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-TECT Dual

MOTION DETECTOR



## APPROVED FREQUENCY CODES

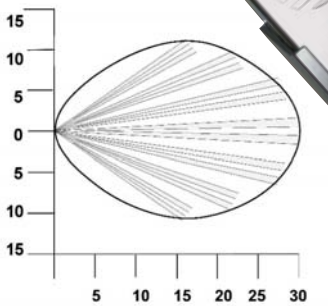
Detectors are available in either a Silver or Chrome Zinc Alloy housing, with white polyethylene cover

	SILVER	CHROME
<b>9.35 GHz</b>		
Croatia	GJD360C	GJDC360C
Germany	GJD360G	GJDC360G
Slovakia	GJD360SL	GJDC360SL
<b>9.9 GHz</b>		
Austria	GJD360A	GJDC360A
Czech Republic	GJD360CR	GJDC360CR
France	GJD360F	GJDC360F
Poland	GJD360PL	GJDC360PL
<b>10.525 GHz</b>		
Belgium	GJD360B	GJDC360B
Holland	GJD360H	GJDC360H
Israel	GJD360IS	GJDC360IS
Spain	GJD360S	GJDC360S
Portugal	GJD360PO	GJDC360PO
U.S.A.	GJD360US	GJDC360US
<b>10.587 GHz</b>		
Greece	GJD360GR	GJDC360GR
Italy	GJD360I	GJDC360I
U.A.E.	GJD360AE	GJDC360AE
UK	GJD360UK	GJDC360UK
Conduit adaptor	GJD304	GJDC304
Pole mount bracket		GJD305
D-Guard		GJD308
Walk Tester		GJD380

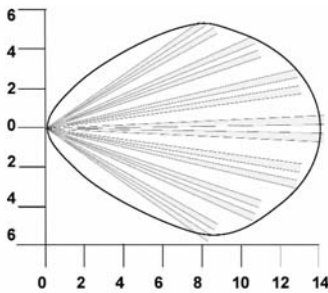


## SPECIFICATIONS

Range Programmable	10m, 20m or 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, which can be masked with the curtain sliders
Customised Optics	Double silicon shielded quad element eliminates 50,000 lux of white light
Indicators	Selectable 3 x LEDs green-microwave, red-both PIRs, blue-alarm output
Microwave Frequency	Country dependant, refer to approved frequency codes
Outputs	2 volt-free, silent solid state magnetically immune contacts 1 normally open - 1 normally closed Common normally closed front and rear tamper
Power input	9 to 15VDC
Current	15mA (12V nominal)
Pulse Count	1 - 2
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
Housing	High impact zinc alloy
Protection Rating	Minimum IP 55
Dimensions	145 x 120 x 115 mm
Weight	750g NET, 880g GROSS
Cable < 200m	Utilising all three outputs (incl. tamper) - 8 core 7/0.2mm
Cable < 500m	Utilising all three outputs (incl. tamper) - 8 core 16/0.2mm



○ MICROWAVE    - - - - PIR



BEAM PATTERN SET TO MID RANGE - MASKING TOP SECTION OF LENS WILL REDUCE RANGE TO 6 METRES

## BEAM COVERAGE

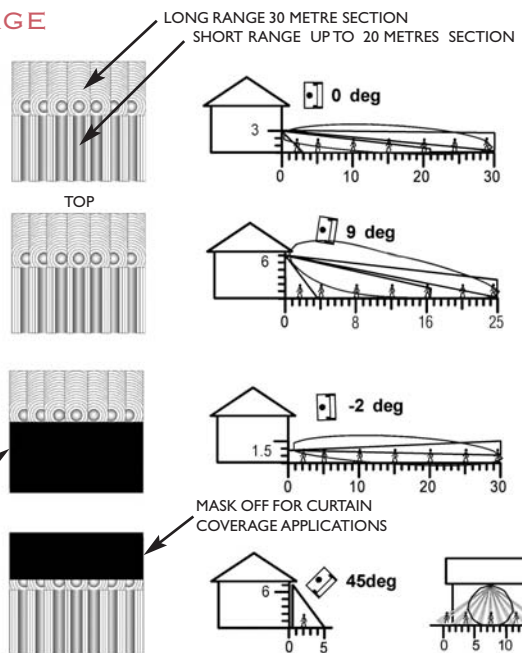
**MULTI-BEAM - OPTIMUM**  
HEIGHT 3 METRES  
RANGE: MAXIMUM  
MODULE TILT 0 DEGREE

**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, England.  
Sales: +44 (0) 1706 363998 Technical +44 (0) 1706 363990  
Fax: +44 (0) 1706 363991 Email: [info@gjd.co.uk](mailto:info@gjd.co.uk)  
Web: [www.gjd.co.uk](http://www.gjd.co.uk)

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british security industry association