



D-TECT²

MOTION DETECTOR



INCORPORATING ADVANCED SIGNAL PROCESSING AND UNIQUE OPTICAL SYSTEMS DESIGNED TO MINIMISE FALSE ALARMS

The D-TECT² is a BS 8418 compliant, quad PIR external movement detector which can be used to control cameras and also interfaces with GJD's lighting control systems. It is equipped with a pan and tilt dual infra-red scanner with two volt free & two negative switched outputs with a programmable beam range of up to 30 metres, avoiding boundary overspill.

- Aesthetically pleasing modern design incorporating advanced technological features with radically powerful capabilities.
- Has exceptional resistance to false alarms and a high immunity to triggers from the sun, reflections and shadows to minimise the potential for false alarms, 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-TECT² 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-TECT²

MOTION DETECTOR



CODES

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

GJD300GM

GJD300GMB

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

GJD300

GJD300B

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

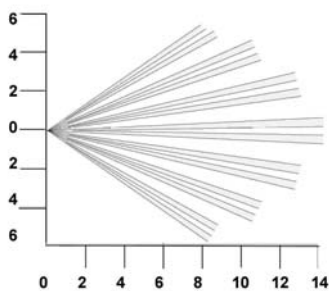
GJD304GM

Silver zinc alloy conduit cable entry
adaptor ring

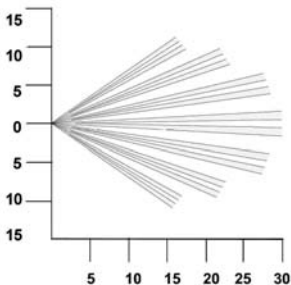
GJD304

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	1 x blue LED on detection (configurable on/off)
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	9mA (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	750g NET, 880g 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 MINIMUM RANGE - MASKING TOP SECTION OF LENS WILL REDUCE RANGE TO 6 METRES



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

BEAM COVERAGE

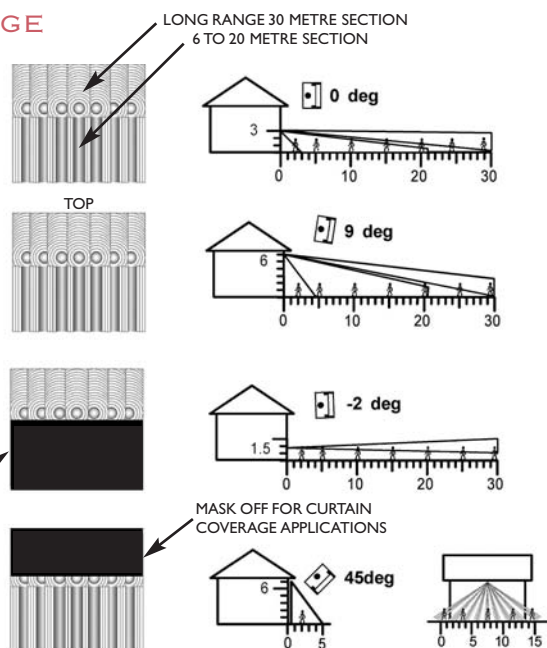
MULTI-BEAM - OPTIMUM
HEIGHT 3 METRES
RANGE: MAXIMUM
MODULE TILT 0 DEGREE

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

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bsia
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