



D-TECT¹

MOTION DETECTOR



THE HIGHLY COST-EFFECTIVE MOVEMENT DETECTOR INCORPORATING ADVANCED SIGNAL PROCESSING AND UNIQUE OPTICAL SYSTEMS TO MINIMISE FALSE ALARMS

The D-TECT¹ is a BS 8418 compliant, highly cost-effective twin PIR external movement detector which can be used to control cameras and other alarm warning devices. It is equipped with a pan and tilt dual infra-red scanner with two volt-free relay outputs - available in beam ranges of 10, 20 and 30 metres.

- 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-TECT¹ 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-TECT¹

MOTION DETECTOR



CODES

Gun metal housing,
white polyethylene cover

GJDI10GM

Silver zinc alloy housing,
white polyethylene cover

GJDI10

Pole mount bracket

GJD305

Gun metal conduit cable entry
adaptor ring

GJD304GM

Silver zinc alloy conduit cable
entry adaptor ring

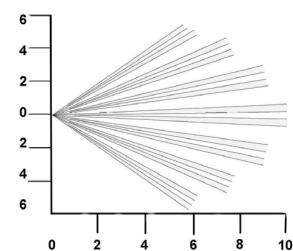
GJD304



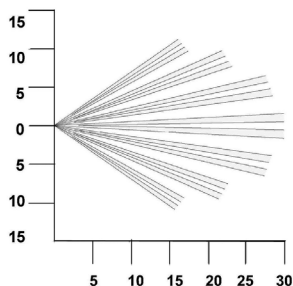
SPECIFICATIONS

Range Options	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
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 1 normally open - 1 normally closed Common normally closed front and rear tamper
Power input	9 to 15VDC
Current	8mA (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	740g NET, 870g 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

BEAM COVERAGE



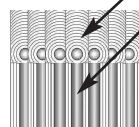
BEAM PATTERN SET TO MINIMUM RANGE - MASKING TOP
SECTION OF LENS WILL REDUCE RANGE TO 6 METRES



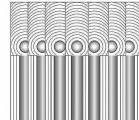
BEAM PATTERN SET TO MAXIMUM RANGE - MASKING TOP
SECTION OF LENS WILL REDUCE RANGE TO 20 METRES

MULTI-BEAM - OPTIMUM

HEIGHT 3 METRES
RANGE MAXIMUM
MODULE TILT 0 DEGREE

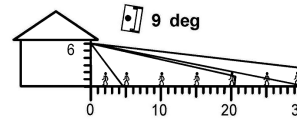
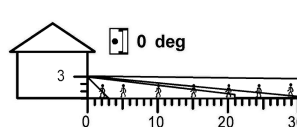


TOP



MULTI-BEAM

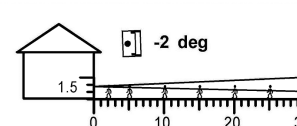
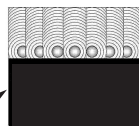
HEIGHT 6 METRES
RANGE MAXIMUM
MODULE TILT 9 DEGREES



PET IMMUNITY

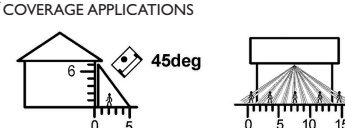
HEIGHT 1.5 METRES
RANGE MAXIMUM
MODULE TILT -2 DEGREES

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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