



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.

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CODES

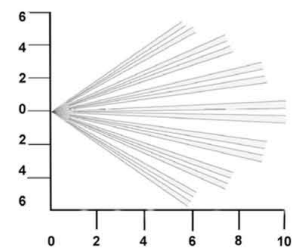
- Gun metal housing, white polyethylene cover GJD110GM
- Silver zinc alloy housing, white polyethylene cover GJD110
- Pole mount bracket GJD305
- Gun metal conduit cable entry adaptor ring GJD304GM
- Silver zinc alloy conduit cable entry adaptor ring GJD304



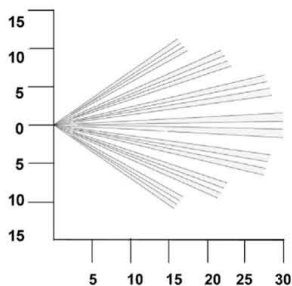
SPECIFICATIONS

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

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

