



# D-TECT<sup>50</sup>

MOTION DETECTOR



ADVANCED SIGNAL PROCESSING AND UNIQUE OPTICAL SYSTEMS WITH  
A PROGRAMMABLE BEAM RANGE FROM 25 TO 50 METRES

The D-TECT50, BS 8418 compliant movement detectors combine advanced signal processing and unique optical systems which allow for the beam range to be programmed from 25 to 50 metres, thus avoiding boundary overspill, making them particularly effective for perimeter detection.

- Two Fresnel lenses giving up to 50m x 10m or 50m x 5m beam coverage.
- 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-TECT 50 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-TECT 50

MOTION DETECTOR



## CODES

Gun metal housing, white polyethylene cover **GJD350GM**

Silver zinc alloy housing, white polyethylene cover **GJD350**

IR key fob programmer **GJD303**

Pole mount bracket **GJD 305**



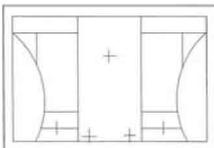
Gun metal conduit cable entry adaptor ring - **GJD304GM**

Silver zinc alloy conduit cable entry adaptor ring - **GJD304**

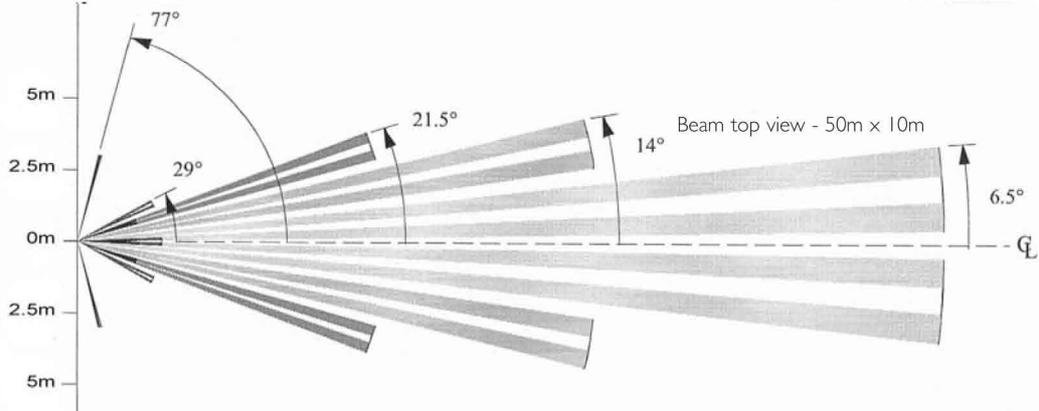
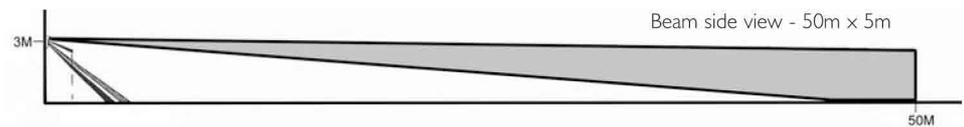
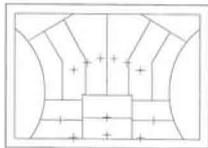
## SPECIFICATIONS

Range Programmable	From 25m to 50m
Coverage	Two Fresnel lenses giving up to 50m x 5m or 50m x 10m
Adjustment	180° pan + 90° tilt
Mounting Height Variable	Up to 4m - optimum 3m
Fresnel Lens	4 or 12 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, 2 neg. switched plus one common tamper (front and rear switches)
Power input	9 to 15 VDC
Current	12mA (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
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

Front view lens - 50m x 5m



Front view lens - 50m x 10m



# GJD

TAKE CONTROL

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