



D-TECT 50 AM Anti-Masking Motion Detector

The D-TECT 50 AM is a BS8418 compliant, PIR external movement detector with anti-masking sensing, which can be used for intruder monitoring, CCTV surveillance and other alarm warning requirements.

The detector's PIR dual technology anti-mask sensing module is equipped with one N/O and one N/C volt-free contact with a programmable beam range of up to 50 metres, avoiding boundary overspill and offering truly exceptional resistance to false alarms.

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.

PRODUCT CODES

GJD359 D-TECT 50 AM

UNIQUE FEATURES

Active infra-red sensor system to detect mask tampering

Adjustable 180° pan and 45° tilt

Conduit adaptor available

Programmable range up to 50m

Covert sensor module

END USER BENEFITS

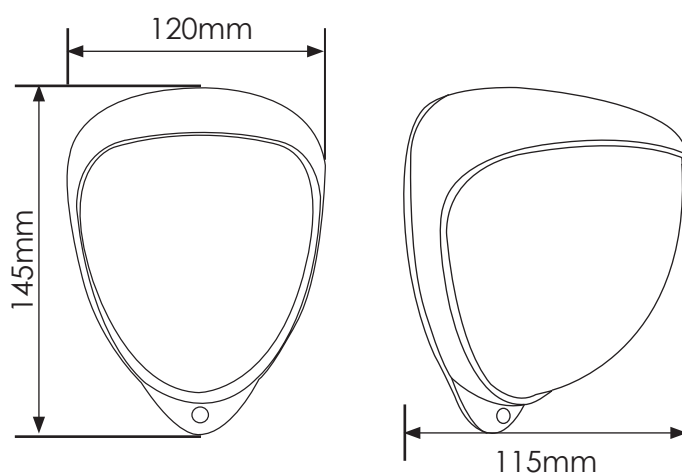
Modern design

Exceptional resistance to false alarms

Robust IP65 rated zinc alloy metal housing

Superior dual technology protection

DIMENSIONS



TECHNICAL SPECIFICATIONS

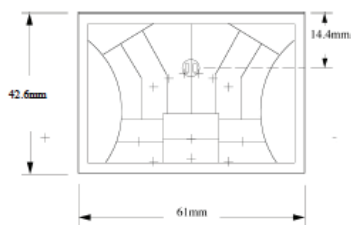
ACCESSORIES

| | |
|---------------|--------------------|
| GJD304 | Conduit Adaptor |
| PMB1 | Pole Mount Bracket |
| GJD380 | Walk Tester |

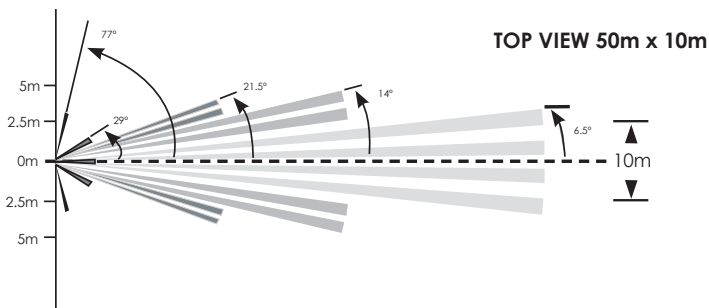
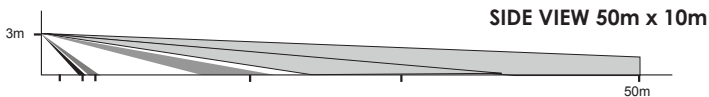
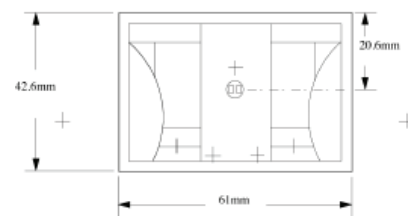
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|--------------------|---|
| RANGE | From 25m to 50m programmable |
| COVERAGE | Detection Area 50m x 10m Extra Lense 50m x 5m |
| ADJUSTMENT | 180° pan + 45° tilt |
| MOUNTING HEIGHT | Optimum 3m |
| FRESNEL LENS | 12 zones for each Pyro pair |
| 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 | 3 x volt-free, silent solid state magnetically immune, plus one common tamper (front and rear switched) |
| POWER INPUT | 9 - 15 DC |
| CURRENT | 12 mA (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 | IP65 |
| 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 PATTERNS

LENS 1 FITTED AS STANDARD



LENS 2 OPTIONAL



Please note GJD reserve the right to change the information within this document, without notice.



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