



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.

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

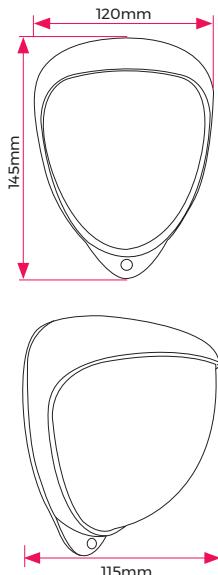
BENEFITS

- Modern design
- Exceptional resistance to false alarms
- Robust IP65 rated zinc alloy metal housing
- Superior dual technology protection

PRODUCT CODES

GJD359	D-TECT 50 AM
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SPECIFICATIONS



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
1x 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

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

Accessories
GJD304 Conduit adaptor
GJD308 D-Guard
GJD380 Walk tester
PMB1 Pole mount bracket

APPLICATIONS

Residential
Commercial
Government
Industrial
Transportation
Military Bases
Heritage

