

## 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

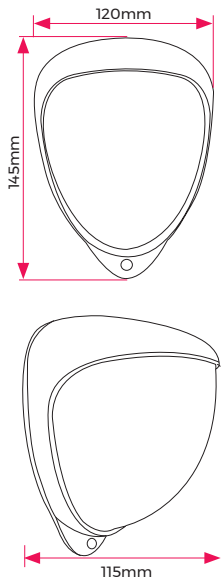
Superior dual technology protection

### PRODUCT CODES

**GJD359**

D-TECT 50 AM

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**  
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

**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

