GJD
USA INCORPORATED

D-TECT 50 Motion Detector

The D-TECT 50, BS 8418 compliant movement detectors combine advanced signal processing and unique optical systems, which allow for the beam range to be programmed from 82ft to 164ft (25 to 50m), avoiding boundary overspill, making it particularly effective for perimeter detection.

PRODUCT CODES

GJD350 D-TECT 50 PIR Detector (Silver Housing)
GJD350W D-TECT 50 PIR Detector (White Housing)

UNIQUE FEATURES	END USER BENEFITS
Detection area of up to 164ft (50m)	Exception resistance to false alarms
Adjustable pan and tilt	Easy to install and highly cost effective
A conduit cable adaptor is available	Robust IP65 Zinc Alloy metal housing
Engineer friendly features to ease cable termination, set-up and servicing	Long range narrow width detection beam
Covert sensor module	

DIMENSIONS

4.72in (120mm)

5.7in (145mm)

4.52in (115mm)
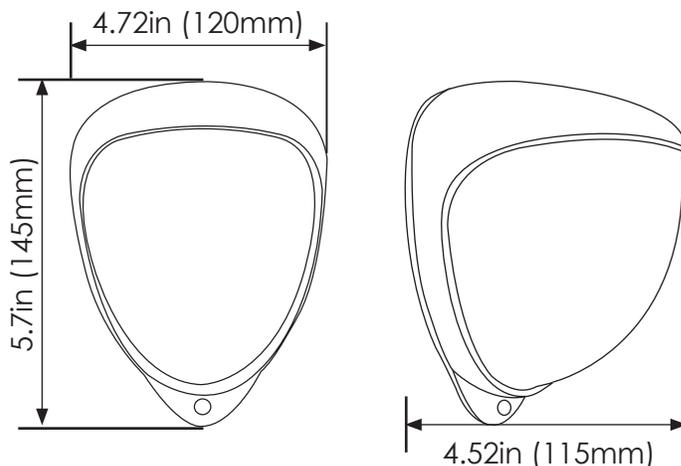
*Not compatible with lighting control applications

SECTORS

RESIDENTIAL   COMMERCIAL   INDUSTRIAL   BORDERS   MILITARY BASES   PORTS   POWER PLANTS   HERITAGE   AIRPORTS   PRISONS
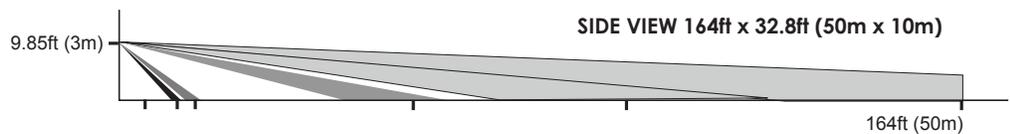
TECHNICAL SPECIFICATIONS

RANGE	From 82ft to 164ft (25m to 50m) programmable
COVERAGE	Detection Area 164ft x 32.8ft (50m x 10m)
ADJUSTMENT	180º pan + 90º tilt
MOUNTING HEIGHT	Optimum 9.85ft (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	2 x volt-free, silent solid state magnetically immune, 2 x neg, switched plus one common tamper (front and rear switched)
POWER INPUT	9 - 24 AC/DC
CURRENT	12 mA (12V nominal)
PULSE COUNT	1-2
WALK TEST	Output test mode with LED indication
OPERATING TEMP	-20ºC to +55ºC conformally coated electronics for increased stability
TEMP. COMPENSATION	Digital sensitivity adjustment
TIMER OPTIONS	2 to 60 seconds
LIGHT SENSING	Dusk (2 Lux) to 24 hour
HOUSING	High impact zinc alloy
PROTECTION RATING	IP55
DIMENSIONS	5.7in x 4.72in x 4.52in (145 x 120 x 115mm)
WEIGHT	750g NET, 880g GROSS
CABLE < 656ft (200M)	Utilising all five outputs (incl. tamper) - 12 core 7/0.2mm
CABLE < 1640ft (500M)	Utilising all five outputs (incl. tamper) - 12 core 16/0.2mm

ACCESSORIES

GJD304	Conduit Adaptor
GJD305	Pole Mount Bracket
GJD308	'D-Guard' Anti Vandal Cage
GJD380	Walk Tester

BEAM PATTERNS

SIDE VIEW 164ft x 32.8ft (50m x 10m)

9.85ft (3m)

164ft (50m)

FRONT LENS VIEW 164ft x 32.8ft (50m x 10m)

TOP VIEW 164ft x 32.8ft (50m x 10m)

77°
21.5°
14°
29°
6.5°
16.4ft (5m)
8.2ft (2.5m)
0m
8.2ft (2.5m)
16.4ft (5m)
32.8ft (10m)