



## D-TECT 1 HT Motion Detector

The D-TECT 1 is a BS8418 compliant, highly cost-effective external PIR movement detector, which can be used as a pre-alarm to control cameras and other alarm warning devices.

It is equipped with a pan and tilt infra-red scanner with two volt-free relay outputs and selectable beam ranges of 10 and 20 metres. The D-TECT 1 HT variant offers exceptional resistance to the effects of high temperature and high humidity environments.

\*Not available in the United Kingdom

### PRODUCT CODES

**GJD112** D-TECT 1 High Temperature

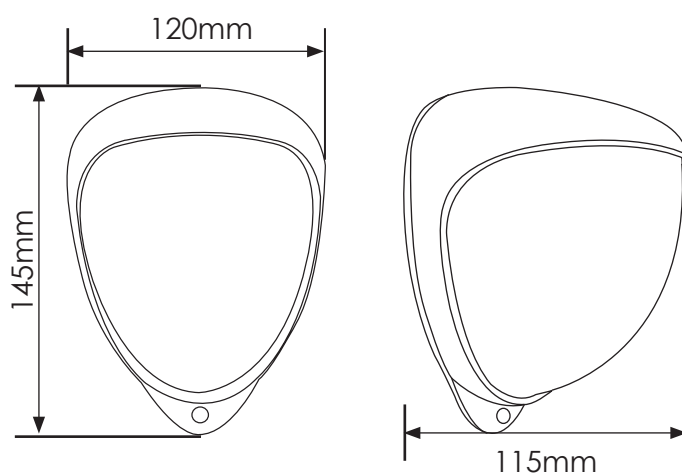
#### UNIQUE FEATURES

Adjustable pan and tilt  
 Selectable detection range  
 Covert sensor module

#### END USER BENEFITS

Modern design  
 Exceptional resistance to false alarms  
 Easy to install  
 Highly cost effective

### DIMENSIONS

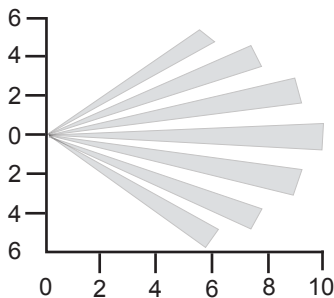


## ACCESSORIES

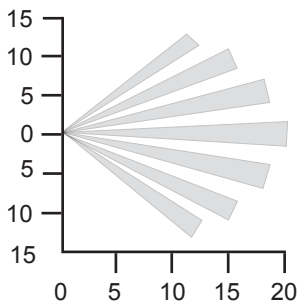
<b>GJD304</b>	Conduit Adaptor
<b>GJD305</b>	Pole Mount Bracket
<b>GJD308</b>	"D-Guard" Cage
<b>GJD380</b>	Walk Tester

<b>RANGE OPTIONS</b>	10m or 20m. DIP switch selectable
<b>COVERAGE</b>	10° - 70° detection angle, 20m x 20m max
<b>ADJUSTMENT</b>	180° pan + 90° tilt
<b>MOUNTING HEIGHT</b>	Up to 6m - Optimum 3m
<b>FRESNEL LENS</b>	28 zones for each Pyro pair
<b>CUSTOMISED OPTICS</b>	Double silicon shielded dual element eliminates 50,000 Lux of white-light
<b>INDICATORS</b>	1 x Blue LED on detection (configurable on/off)
<b>OUTPUTS</b>	2 x volt-free, silent solid state magnetically immune contacts: 1 x N/O , 1 x N/C
<b>POWER INPUT</b>	9-15 VDC
<b>CURRENT</b>	8 mA (12V nominal)
<b>PULSE COUNT</b>	1-2
<b>WALK TEST</b>	Output test mode with LED indication
<b>OPERATING TEMP</b>	-20°C to +55°C conformally coated electronics for increased stability
<b>TEMP. COMPENSATION</b>	Digital sensitivity adjustment, thermistor controlled
<b>HOUSING</b>	High impact zinc alloy
<b>PROTECTION RATING</b>	IP65
<b>DIMENSIONS</b>	145 x 120 x 115 mm
<b>WEIGHT</b>	740g NET, 870g GROSS
<b>CABLE &lt;200M</b>	Utilising all 3 outputs (incl. tamper) - 8 core 7/0.2mm
<b>CABLE &lt;500M</b>	Utilising all 3 outputs (incl. tamper) - 8 core 16/0.2mm

## Beam Coverage



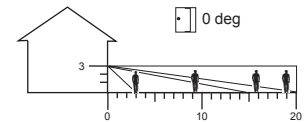
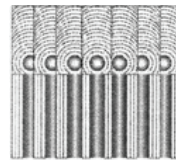
BEAM PATTERN SET TO MINIMUM RANGE - MASKING TOP SECTION OF LENS WILL REDUCE RANGE TO 6 METRES



BEAM PATTERN SET TO MAXIMUM RANGE

### MULTI-BEAM OPTIMUM

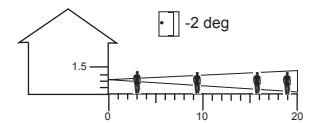
HEIGHT 3 METRES  
RANGE 20m MAXIMUM  
MODULE TILT 0 DEGREE



TOP

### PET IMMUNITY

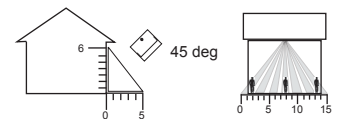
HEIGHT 1.5 METRES  
RANGE 20m MAXIMUM  
MODULE TILT -2 DEGREE



MASK OFF FOR PET ALLEY APPLICATIONS UP TO 20 METRES

### CURTAIN COVERAGE

HEIGHT 6 METRES  
RANGE 5m MAXIMUM  
MODULE TILT 45 DEGREE



MASK OFF FOR CURTAIN COVERAGE APPLICATIONS

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