



ACCOMPLISHED COMMERCIAL DUAL TEC

**Long Range Dual Tec® with  
Anti-Mask and Range Reduction**

# DT-900AM-UK Series

## Long Range Dual Tec® with Anti-Mask and Range Reduction

- INFORMER™ Circuit Identifies Range Reduction
- Active Infrared for Anti-Masking
- Queue Logic Processing delivers Superior detection
- Patented 90° Look-down Zones
- Mirror Optics
- Zero Clearance Bug Guard
- Easy Height Adjustment
- 3 Individual Tamper Switches
- Vandal Resistant Housing
- Ratcheted Swivel Base



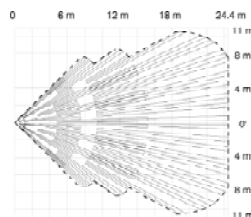
Specifications	
Dimensions	152mm x 165mm x 200mm
Power requirements	10 ~ 15 VDC; 50 mA (max.) @ 12 VDC. AC ripple: 3V peak-to-peak at nominal 12 VDC
Alarm relay	Energised Form C (NO/NC) \ 125mA @ 25 VDC 22 Ohm series protection resistor
Tampers	Wall, bottom, top cover Form A (NC) \ 25mA @ 30 VDC
Trouble and Anti-Mask Relays	Form B (NC) \ 25mA @ 30 VDC (shielded)
Low voltage trouble	Signalled over the trouble output
Microwave Frequency:	10.687G Hz
PIR White Light Immunity:	6500 lux
Operating Temperature	-10°C to +55°C; 5% to 95% relative humidity (non condensing)
PIR Sensitivity	Switch selectable – low, normal and high
RFI Immunity	30V/m 10 MHz – 1000 MHz
Approvals/Listings	PD6662 , TS50131-2-4 & EN50131-1 Security Grade 3 Environmental Class II
Detection pattern	

### PIR fields of view

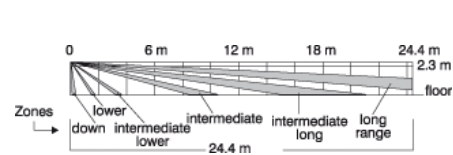
#### DT900AM-24m Range

- (2 overlapping fields of view per PIR finger)
- Long: 22
  - Intermediate long: 18
  - Intermediate: 16
  - Intermediate lower: 12
  - Lower: 6
  - Look-down: 2

Top View



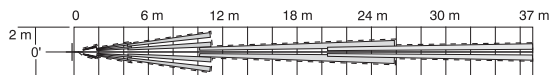
Side View



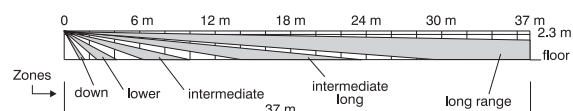
#### DT906AM-37m Range

- (2 overlapping fields of view per PIR finger)
- Long: 6
  - Intermediate long: 4
  - Intermediate: 4
  - Lower: 8
  - Look-down: 2

Top View



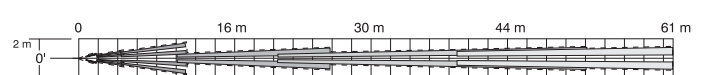
Side View



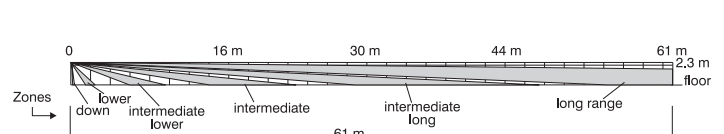
#### DT906AM-61m Range

- (2 overlapping fields of view per PIR finger)
- Long: 2
  - Intermediate long: 6
  - Intermediate: 4
  - Intermediate Lower: 4
  - Lower: 8
  - Look-down: 2

Top View



Side View



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