

DT7550UK2

Honeywell



RELIABLE PERFORMANCE FOR COMMERCIAL PREMISES

**DUAL TEC[®] Motion Sensor
with MaskAlert[™]**

DT7550UK2

DUAL TEC® Motion Sensor with MaskAlert™

- Superior Anti-mask Protection
- Advanced DualCore™ Signal Processing
- Superb detection through K-band Technology
- Integrated EOL-resistors
- Enhanced False Alarm Prevention Features
- Self-Testing for Consistently Reliable Operation
- Sturdy, Attractive Housing



Specifications

	DT7550UK2
Dimensions	119 mm x 71 mm x 42 mm (h x w x d)
Power requirements	9-15 VDC, 25mA typ., 35mA max. at 12 VDC, AC Ripple: 3V peak-to-peak at 12 VDC nominal
EOL resistors	Alarm: 1K, 2.2K, 4.7K & 5.6K ; default = 1K Tamper: 1K, 2.2K, 4.7K & 5.6K; default = 1K Mask: 2.2K & 3K; default = 3K
Alarm relay	Energised Form A 125mA, 25 VDC, 20 Ohm series resistor
Trouble Relay	De-energised (NC) 125 mA, 25 VDC
Relay type	Shielded
Tamper switch	(NC) 10 mA, 25 VDC with rear tamper switch
Frequencies	24,2 GHz
PIR White Light Immunity	6.500 Lux typical
Fluorencent Light Filter	50 Hz
RFI Immunity	30 V/m, 10 MHz - 1000 MHz
Operating Temperature	-10°C ~ +55°C; 5% ~ 95% relative humidity (non-condensing)
Self-test Intervals	Microwave Supervision: every 5 seconds, PIR self-test: once every hour Temp. Comp: every 30 seconds"
Sensitivity	High: Pulse count 1, Low: Pulse count 2
Approvals	CE, TS50131-2-4 & EN50131-1 Security Grade 3, Environmental Class II
Accessories	SMB-10C: Ceiling mount bracket, SMB-10: Swivel mount bracket, SMB-10T: Tampered swivel mount bracket
Detection pattern	14 x 18 m

PIR fields of view

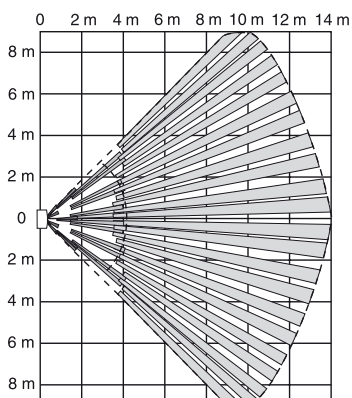
(2 fields of view per PIR finger):

Long Range:	22
Intermediate:	12
Lower:	6
Look-down:	4

* Note: Look-down fingers are enabled only when the look-down mask is removed.

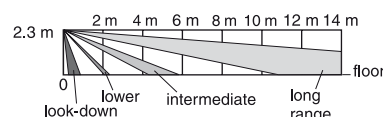
Top View

Wide Angle Lens



Side View

Wide Angle Lens



Honeywell Security & Data Collection

Newhouse Industrial Estate
Motherwell
Lanarkshire
ML1 5SB
Scotland

Tel : +44 (0) 1698 738200

Fax : +44 (0) 1698 738300

www.honeywell.com/security/uk

To reorder this literature,
call +44 (0)870 240 3387 quoting ref
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