

12 m volumetric Dual Technology motion sensor

DD1012

Specifications

Detection range	4, 6, 9, 12 m selectable via dip switches
Viewing angle	78°
PIR Optics	9 high density mirror curtains
Microwave frequency	5.8 GHz
Max. microwave output (at 1m)	0.003 microW/cm ²
Memory function	Yes
Input power	9 to 15 VDC (12V nominal)
Peak-to-peak ripple immunity	2V (at 12 VDC)
Detector start-up time	60 s
Current consumption	5 to 16 mA (8 mA nominal)
Mounting height	1.8 to 3.0 m
Target speed range	0.2 to 3.0 m/s
Alarm/ Tamper relay characteristic	NC, 80 mA 30 VDC, Form A
Alarm time	3 s
Operating temperature	-10 to +55° C
Relative humidity	95% max. non-condensing
Weight	120 g
Dimensions (H x W x D)	126 x 63 x 50 mm
IP/IK rating	IP30 IK04



Ordering Information

DD1012	12 m volumetric Dual Technology motion sensor
SB01	Swivel bracket wall/ceiling mount

- Patented selectable range gated radar technology clearly defining the radar detection border
- PIR technology with patented mirror curtain optics
- Intelligent alarm decision based on signal classification of the PIR and radar alarm
- Automatic continuous self diagnostics on all technologies
- Green mode : option to switch off the radar technology when the security system is not armed
- Holding several security approvals including EN Grade II and UL/ULC

