

DATASHEET

DD1012-N

12 m Dual Technology motion sensor

MAIN FEATURES

- 12 m Dual Technology motion sensor
- 9 curtains
- digital pyro

TECHNICAL SPECIFICATIONS

Power supply

Power supply value	9 to 15 VDC (12 V nominal)
Current consumption	5 to 16 mA (8 mA nominal)

Inputs / outputs

Max. microwave output (at 1m)	0.003 $\mu\text{W}/\text{cm}^2$
Wired-wireless	Wired
Alarm relay characteristic	NC, 80 mA 30 VDC, Form A
Tamper relay characteristic	NC, 80 mA 30 VDC, Form A
Relay configuration	Multiple EOL values

Physical characteristics

Physical dimensions	126 x 63 x 50 mm
Net weight	120 g
Colour	Cloud white (RAL 9001)
Material	ABS
Mounting height	1.8 to 2.6 m

Environmental characteristics

Operating temperature	-10 to +55°C
Relative humidity	95% max., noncondensing
Environment	Indoor
IP rating	IP30IK04

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TECHNICAL SPECIFICATIONS

Other characteristics

Technology	Dual
Application type	Wall mount
Anti masking	No
Pet immune	No
Camera	No
Pry-off tamper kit	ST400
Detector start-up time	60 s
Max. detection range	12 m
Detection range selection	4, 6, 9, or 12 m selectable via dip switches
No. of curtains	9
Coverage (field of view)	78°
Microwave frequency (nom.)	5.8 GHz
Undercrawl protection	Yes
Target speed range	0.2 to 3.0 m/s
Alarm memory	Yes
Alarm time	3 s
Peak-to-peak ripple immunity	2 V (at 12 VDC)
Remote control lines	Day/Night, Walk test
EN50131 grade	Grade 2
Compliance	CE
Certification	INCERT, NFA2P, VdS