

10 m volumetric Dual motion sensor
DD100

The DD 100 Series dual technology detectors have been specifically designed for Residential and short range commercial applications where size and aesthetics play a larger role. The gliding focus mirror, and plug-in electronics allow a quick and simple installation while the 4D PIR processing, proprietary microwave processing and Twin Opposed Antennae ensure a high quality trouble free installation.

Specifications

Detection range	10 m
Undercrawl protection	Yes
Detection range selection	10 m or 6 m
Coverage field of view	86° with 5 curtains
Coverage pattern selection	Undercrawl blinder
Mounting height	1.8 to 3.0 m
Power supply	9 to 15 VDC
Current consumption (nom.)	11.5 mA
Alarm relay (voltage free)	NC when energised
Tamper relay (voltage free)	NC when cover closed
Remote control lines	Walk test
Alarm memory	No
Microwave frequency (nom.)	2410 MHz
Dimensions (W x H x D)	61 x 123 x 58 mm
Ambient conditions	-10 to +50°C; max. 95% relative humidity
Pry-off tamper	ST400 (optional)
EN50131-2-2	Grade 2

Ordering Information

DD100	10 m volumetric Dual motion sensor
DD100PI	As per DD 100, but Pet Immune up to 20 kg
SB01	Swivel bracket wall/ceiling mount



- PIR verified by microwave module
- "Step & Gliding Focus Multi Curtain" mirror optic
- Plug-in electronics
- Sealed optics
- ASIC with "4D" processing
- Distance of Motion microwave signal processing
- Selectable range with full undercrawl detection
- No adjustment required for different mounting heights
- Tolerates wall angle deviation
- Complies with EN50131-2-2
- Several European approvals

