

DD669

20 m ceiling mount Dual motion sensor

18 curtains of detection

The DD600 series complement the successful EV600 series PIRs with dual technology motion sensors. The 18 curtains offer a maximum detection capability, including full under crawl detection, throughout a protected area of up to 20m in diameter. The unique mirror optics technology is a gliding focus, which creates continuous curtains that never loses track of the intruder.

4D signal processing

4D signal processing makes an effective discrimination between intruder and false alarm signals. Recognizing the diversity in security applications, the DD600 series features both 4D signal processing and Bi-curtain processing for the harsher environments. The combination of mirror optics with 4D signal processing not only provides better detection but also increased stability and rejection of false alarms.

Range Controlled Radar

The DD600 sensors incorporate a unique radar technology that is range controlled and operates on 5.8GHz frequency. The range control means that no nuisance alarms are generated for movements beyond the detection pattern.

Flush Mounting

The EV600 and DD600 motion sensors can be flush mounted with the optional accessory 360FM. The 360FM ensures a neat integration in the ceiling, making only the top part of the sensor visible.



Standard Features

- Dual motion sensor
- Step & Gliding Focus Multi Curtain mirror optic
- Range controlled radar on 5.8 GHz
- Plug-in electronics
- Sealed optics
- 4D processing for reduced nuisance alarms
- Selectable coverage pattern using mirror masks
- Additional bi-curtain processing for harsh environment
- No adjustment required for different mounting heights
- EN50131-2-4 Grade 2 certified
- Several European approvals

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Specifications

Detection range	20 m (65 ft) / 12 m (39 ft)
Undercrawl protection	Yes
Microwave frequency	5.8 GHz
Coverage field of view	360° or 180°
Coverage pattern selection	Curtain labels
Mounting height	2.5 m to 5 m (8.2 ft to 16.4 ft)
Power supply	9 to 15 VDC
Current consumption (nom.)	19 mA
Alarm relay (voltage free)	NC when energised
Tamper relay (voltage free)	NC when cover closed
Remote control lines	Walk test & Day-Night
Alarm memory	Yes
Dimensions (Ø x D)	138 x 92 mm (5.43 x 3.62 in.)
Ambient conditions	-10 to +55°C; 95% relative humidity
Pry-off tamper	ST400 (optional)
EN50131-2-4	Grade 2

Ordering Information

Part No.	Description
DD669	20 m ceiling mount Dual motion sensor
360FM	Bracket for flush mount in ceiling
ST400	
DD666-D	Dual detector with 18 curtains of 20m, CO relay, VdS class-B certified

