



## Product Data Sheet

# DD669

20 m ceiling mount Dual motion sensor

### Benefits

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#### 18 curtains of detection

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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 step and gliding focus, which creates continuous curtains that never loses track of the intruder.

#### 4D signal processing

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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

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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

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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

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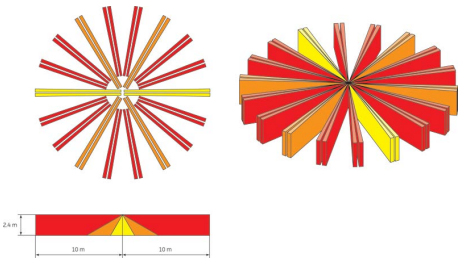
- Dual motion sensor
- Step & Gliding Focus Multi Curtain mirror optic
- Range controlled radar on 5.8 GHz
- Plug-in electronics
- Sealed optics
- 4D processing for reduced nuisance alarms
- Selectable coverage pattern using mirror masks
- Additional bi-curtain processing for harsh environment
- No adjustment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

# DD669

20 m ceiling mount Dual motion sensor

## Specifications

Detection range	20 m (65 ft)
Undercrawl protection	Yes
Microwave frequency	5.8 GHz
Coverage field of view	360° with 18 curtains
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.)	12 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
Range diameter (selectable)	20+/-0.5 m, 12+/-0.5 m
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	Dual Detector with 18 curtains of 20 m NC Relay
360FM	Ceiling mount bracket for EV600 and DD600 Series
DD666-D	Dual detector with 18 curtains of 20m, CO relay, VdS class-B certified