

# EV669

## 360° Ceiling Mount PIR Motion Sensor

### 18 complete curtains of detection

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The EV 669/666's 18 curtains offer maximum detection capability throughout the protected area including full undercrawl detection. Note that with the Aritech curtains, wherever an intruder intercepts a curtain, he is 100% seen by the detector and exactly fits the curtain width, thus collecting maximum infrared energy. Only with Aritech's Gliding Focus Mirror optics can the definition of the parallel curtains be achieved over the entire detection range.

The special characteristics of a "curtain" provide not only better detection but also increased stability and rejection of false alarms from temperature changes on floors and carpets.

### 4D signal processing

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By expanding on the environmental filtering and extending the detection algorithms, 4D signal processing improves on the capability to determine between valid intruders and false alarm signals. Always recognising the diverse applications that have to be protected, the EV 669/666 features both "4D" processing or Bi-curtain processing for the harsher environments. Designed specifically for use with the Gliding Focus Optics, the combination of mirror optics and microprocessor echnology provides you with complete peace of mind.

### 2 x Pyros, 2 x microprocessors, 2 x Mirrors

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In order to ensure the highest performance, the EV 669/666 incorporates 2 x pyros, 2 x microprocessors, 2 x mirrors and 2 x the decision power providing the installer/user with 2 x the performance. The use of 2 separate pyros, mirrors and microprocessors ensure that the detectors have an excellent signal to noise ratio. This means that you have better detection capability when you want it and better false alarm immunity when you need it.

### Detection coverage flexibility

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The EV 669/666 provides considerable flexibility by the simple electronic field programming of either 180 or 360 coverage patterns. Further customisation, to allow for false alarm hazards such as heaters, machinery, etc., can be achieved through individual curtain masking enabling the installer to configure the detector to suit the application.



### Einzelheiten

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- Passive Infra Red motion sensor
- "Step & Gliding Focus Multi Curtain" mirror optic
- Plug-in electronics
- Sealed optics
- Microprocessor with "4D" processing
- On-site individual coverage pattern selection
- Additional bi-curtain processing for harsh environment
- No adjustment required for different mounting heights
- Several European security approvals

# EV669

## 360° Ceiling Mount PIR Motion Sensor

### Technische Spezifikationen

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#### Allgemein

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Technologie	PIR
Anwendungsart	Deckenmontage
Anti-Masking	Nein
Haustiertolerant	Nein
Kamera	Nein
Signalverarbeitung	4D
Abreißkontakt Kit	ST400 (optional)

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#### Erkennung

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Max. Erfassungsbereich	20 m
Erkennungsbereich	10 m to 20 m
Auswahl	
Anzahl der Vorhänge	18
Abdeckung (Sichtfeld)	360°
Unterkriechschutz	Nein
Alarmspeicher	Ja

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#### Kabelgebunden / drahtlos

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Kabelgebunden / drahtlos	Verdrahtet
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#### Eingänge / Ausgänge

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Alarmrelais-Charakteristik	NC when energised (voltage free)
Sabotage-Relais-Charakteristik	NC when cover closed (voltage free)
Fernsteuerungslinien	Tag/Nacht, Gehtest

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#### Elektrische Angaben

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Betriebsspannung	7 to 15 VDC (12 VDC nominal)
Netzteil	12 VDC
Aktueller Verbrauch	9 mA (15 mA max.) (nom.)

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#### Physikalisch

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Abmessungen	138 x 68 mm (Ø x D)
Farbe	Weiß
Montagehöhe	2,5 bis 5 m

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#### Umweltbedingungen

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Betriebstemperatur	-10 to +55°C
Relative Luftfeuchtigkeit	95 %
Umgebung	Drinnen

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#### Regulativ

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EN50131 Klasse	Klasse 2
Zertifizierung	NFA2P, VdS

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