



16 m volumetric PIR motion sensor

EV1116

GE Security motion sensors have the most advanced and sophisticated mirror optics in the security industry. This unique optical mirror technology is a step and gliding focus which creates a continuous curtain resulting in a sensor that never loses track of the object. To increase detection coverage, the EV1100 series sensors incorporate a 3-step gliding focus, which produces 11 continuous curtains to detect infrared signals up to a 16m distance.

Specifications

Detection range	16 m (50 ft)
Undercrawl protection	Yes
Sensitivity	Normal / High
Coverage field of view	86° with 11 curtains
Coverage pattern selection	Curtain labels
Mounting height	1.8 to 3.0 m (6 to 10 ft)
Power supply	9 to 15 VDC
Current consumption (nom.)	4.4 mA
Alarm relay (voltage free)	NC when energised
Tamper relay (voltage free)	NC when cover closed
Remote control lines	Walk test
Alarm memory	Yes
PIR signal processing	5D
Dimensions (W x H x D)	125 x 65 x 60 mm
Ambient conditions	-10 to +55°C (14 to 130°F); 95% relative humidity
Pry-off tamper	Optional
EN50131-2-2	Grade 2

Ordering Information

EV1116 16 m volumetric PIR motion sensor
SB01 Swivel bracket wall/ceiling mount



- Passive Infra Red motion sensor
- 3Brid Step & Gliding Focus Curtain mirror
- Plug-in electronics
- Sealed optics
- "5D" signal processing for false alarm immunity
- Cloak and umbrella immunity
- Full under crawl detection
- Selectable coverage pattern using mirror masks
- Auto focus with constant range sensitivity
- No adjustment required for different mounting heights
- Tolerates wall angle deviation
- Complies with EN50131-2-2 Grade 2
- Several European approvals

