



Cerberus®

Passive infrared detector

IR261

for ceiling mounting

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- Room surveillance with 33 curtain-like sensitive zones with a detection field of 360 degrees
 - High immunity to electric and electromagnetic interference
 - Protection against overvoltage pulses on supply and signal lines
 - Perfect protection against insects and draughts
 - Ease and fast installation thanks to detector base with terminals
 - High-speed commissioning
 - Appealing design

Fast installation, appealing design and reliability of detection in combination with 360 degrees monitoring zones make the IR261 the ideal detector for monitoring large size rooms such as open-plan offices and shop areas with flexible fittings, and also corridor crossings and warehouses.

- **Ideal for covering large size rooms**

The IR261 is used to monitor rooms for unauthorized access. Ceiling mounting introduces the possibility of looking over obstacles in the detection area with a 7.6 meter radius. Several detectors will not interfere with one another, even in the event of their coverage areas overlapping.

- **Save and easy installation**

The split detector housing serves to facilitate mounting: the detector base is mounted to a stable surface and is connected via the terminals, then the detector top section with optics and electronics is fitted onto the detector base and pushed until release lever will click. This serves to establish the electric connection. The entire detector can be rotated ± 25 degrees via the detector base. In the detector base, adequate space for wire loops has been provided.

- **Remarkable immunity**

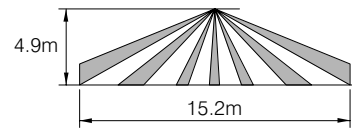
An integral protection concept makes the detector insensitive to external influences such as draughts, over-voltage pulses, electromagnetic disturbances, insects or external light sources.

- **Reliable detection**

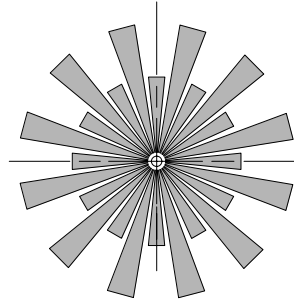
Fresnel optics with a pyrosensor and 33 curtain-like detection zones provide a reliable detection.

Coverage area

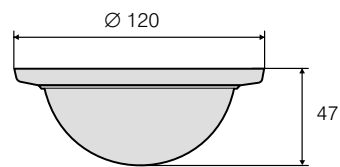
Side view



View from above



Dimensions



Technical data

Supply voltage (nom. 12 V)	10.5 ... 18 V _{DC}
Max. ripple (0 ... 100 Hz)	2 V _{PP}
Current consumption (at 12 V)	
- Quiescent	< 25 mA
- Maximum when alarm occurs (with LED)	< 35 mA
Alarm output (electronic relay)	
- Contact rating	max. 30 V _{DC} / 250 mA
- Serial resistance	3.3 Ω
- Alarm hold time	≈ 2 s
Sensitivity	4 levels
Ambient conditions	
- Operating temperature	- 15 ... + 55 °C
- Storage temperature	- 15 ... + 55 °C
Humidity (EN60721)	≤ 95% r.h., non-condensing
Housing protection (EN60529)	IP41
EMI rejection (< 1 GHz)	10 V / m

Details for ordering

Type	Part no	Designation	Weight
IR261	566777	Passive infrared detector for ceiling	0.130 kg