

Key features

- **Compact PIR detector integrates discretely into luminaire**
- **Range up to 16m at 7m mounting height**
- **Infrared handset control for quick and easy set up**
- **Suitable for high efficiency light sources such as LED, CFL and linear fluorescent**
- **Available in switching (PRM), Direct Dim (DD) and analogue dim (AD)**
- **Integral power supply simplifies installation and maintenance**
- **Patented louvre clip allows a high degree of adjustability**
- **No specialist tools required**
- **5 year warranty included**
- **Designed and manufactured in the UK**



EBMINT Retrofit PIR Detectors

What it is

CP Electronics have developed a new cost-effective miniature PIR presence detector – EBMINT. Designed to be retrofitted to luminaires quickly and effectively, EBMINT allows previously uncontrolled lighting sources to benefit from presence detection and lux level control.

The detector can be fitted either onto a T5 or T8 tube directly, or to a louvre blade of a parabolic louvred luminaire. This makes this integrated detector ideal for installations that demand minimum disruption, or where it is not possible to disturb the building's fabric. Ultimately, the detector will play a key part in improving a building's energy performance with the minimum amount of investment.

What it does

Three models are available: Premium (switched), Direct Dim up to 4 dimming ballasts (DALI or DSI) and analogue dim (1-10V). All are suitable for use with high efficiency lamps such as LED, linear fluorescent and compact fluorescent.

Installation is simplified as the detector has a built-in power supply; comes pre-wired with a heat resistant cable and the patent pending louvre clip with ratchet adjustment requiring no specialist tools when fitted by a competent installer.

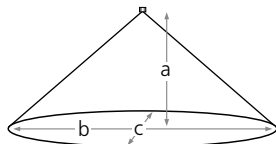


EBMINT fitted to a T5 or T8 tube

Technical specification EBMINT Retrofit PIR Detectors

Performance data

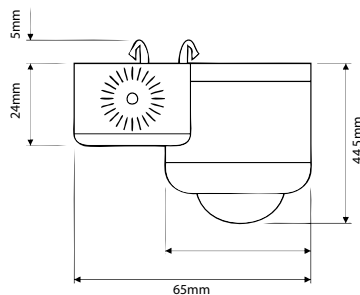
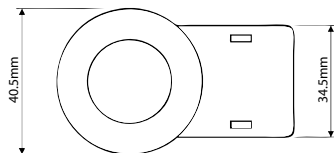
Detection diagram



a: 7m	a: 2.8m
b: 16m	b: 9m
c: 10m	c: 5m

Mechanical data

Dimensions



Electrical data

Supply Voltage	230VAC +/- 10%
Frequency	50Hz
Circuit Protection	10A
Dimming output	Basic insulation only. Although low voltage, this is not an SELV output and should be treated as if mains potential. Use mains rated wiring.

Standard power supply

Maximum Load (PRM & AD)	2A fluorescent and incandescent lighting 2A compact fluorescent lighting 2A low energy lighting 2A low voltage lighting 2A LED lighting (switch primary of transformer) Switch SON lighting loads via a contactor
Number of ballasts	Up to 4 dimming ballasts
Power consumption	PRM: On - 307mW Off - 228mW DD: On - 357mW Off - 228mW AD: On - 344mW Off - 268mW
Cable specification	1m, silicon insulation and sheath PRM 3 x 0.75mm ² AD & DD 3 x 0.75mm ² & 2 X 0.50mm ²

Environmental data

Temperature	-10°C to 50°C
Humidity	5 to 95% non-condensing
Material	Flame retardant ABS/PC
Type	Class 2
IP rating	IP40

Compliance

EMC-2004/108/EC
LVD-2006/95/EC



Order code

	Order code	Description
Detectors	EBMINT-PRM	Integrated PIR detector PRM
	EBMINT-DD	Integrated PIR detector DD DALI / DSI
	EBMINT-AD	Integrated PIR detector AD 1-10V
Accessories	UHS5	Commissioning handset
	UHS6	Building manager's handset
	UHS7	User handset
	UNLCDHS	Professional commissioning handset



UHS5 / UHS6 / UHS7



UNLCDHS