

General Description

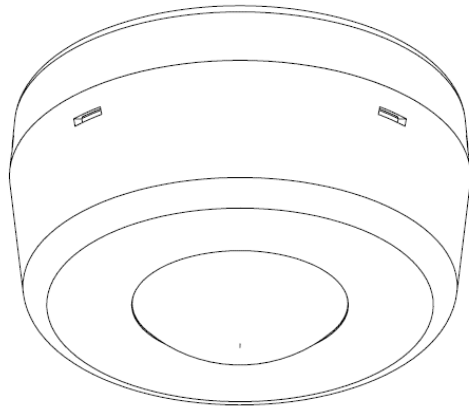


Figure 1: HD100 Highbay Motion Detector

- HD100 KNX Highbay Motion Detector is ideal for warehouses, industrial areas, conference rooms and sport halls.
- Constant light function can be applied in dependence of presence information thanks to integrated brightness sensor and movement sensor. HD100 regulates the ambient brightness to a defined brightness value.
- Lighting can be set to different brightness levels with corridor function based on occasions such as "motion detection, after movement, no action". Stay-on time can be changed the by end user.
- Air-conditioning and ventilation systems can be controlled by independent HVAC channel.
- Presence information can be sent to presence monitoring applications by independent presence channel.
- The EAE KNX HD100 can be used as a standalone device or master-slave device (parallel operation with other sensors) according to necessity of project.
- HD100 enables fully-automatic and semi-automatic lighting control.
 - Test and calibration mode allow for easy installation.
 - The device does not require an additional power supply.

Technical Data

Type of protection	IP 20 IP44 (Optional)	EN 60 529
Safety class	II	EN 61 140
Power supply :	Voltage	21V... 30V DC, KNX line
	Current consumption	< 10 mA
Application Area		Interior rooms
Sensor Type		Passive infrared
Installation	Location	Ceiling
	Recommended height	7 m – 14 m
Detection	Diameter (at height of 12m)	22 m movement detection
	Area	113 m ²
	Angle	360°
	Light level	10 – 1000 lux
Additional channels		Brightness, presence channel, HVAC channel
Parallel operation		Master/Master, Slave/Master
Operating elements	LED (red) and button	For physical address
Temperature range	Ambient	-5° C + 45° C
	Storage	-25° C + 55° C
Dimensions		See Scale Drawings
Box	Plastic, polycarbonate, colour white	
CE	In accordance with the EMC guideline and low voltage	

Scale Drawings

