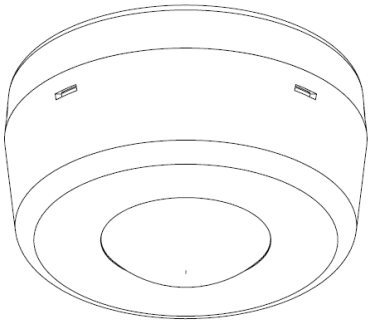


Description

- 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

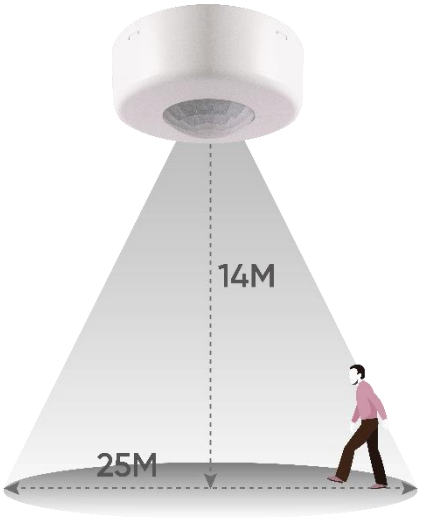
Type of protection	IP 20 / IP44 (Optional)	EN 60 529
Safety class	II	EN 61 140
Power supply	Voltage	21V… 30V DC, KNX line
	Current consumption	< 10 mA
Application Area		Interior rooms
Sensor Type		Passive infrared
Installation	Location	Ceiling
	Recommended height	7 m – 14 m
Detection	Diameter (at height 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
	Transport	-25° C + 70° C
Dimensions		See Scale Drawings
Box	Plastic, polycarbonate, colour white	
CE	In accordance with the EMC guideline and low voltage directives.	

Operation and Display

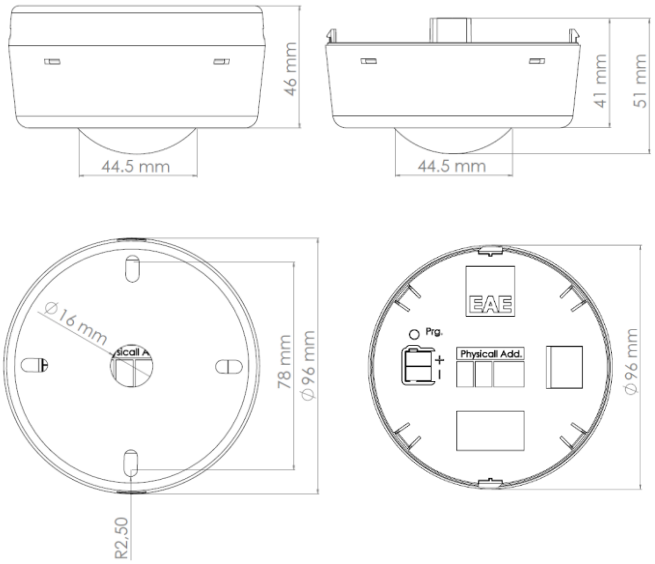
-Programming LED
Red LED lights up (inside of lens) after the programming button is pressed.

-Movement LED
Blue LED lights up (inside of lens) if any movement detected by sensor.

Movement Area



Scale Drawings



Commissioning

Determination of the physical address and setting of parameters are actualized with Engineering Tool Software (ETS4 or higher). ".knxprod" file must be imported to the ETS. Please check website for latest ".knxprod" file.
www.eaetechnology.com

A detailed information about parameter configuration can be found in Product Manual of device.

Installation and commissioning of device may only be implemented by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.
-When connecting the device make sure that the device is isolated!
-Protect the device against moisture, dirt and damage during transport, storage and operation!
-Do not operate the device out of the specified technical data which is stated.
-The device may only be operated in closed enclosures (Distribution boards etc.)

Cleaning

If device becomes dirty, only a dry cloth can be used for cleaning. It is not suitable to use wet cloths, caustics and solvents.