

# IR Quattro HD-2 24m

V3.5 KNX - Concealed wiring  
EAN 4007841 064846  
Article number 064846



infrared sensor  
360°



ideal 2.5 - 10 m



2 - 2000 lux



5 sec - 60 min



KNX



Settings via App



Temperatur



air humidity



Pyro sensor  
individually  
controllable



max. 9 x 9 m  
presence

## Function description

Designed for the finest detection in the largest detection area among our infrared presence detectors. Ideal for open-plan offices or classrooms. Infrared presence detector IR Quattro HD-2 with 360° detection capability and 5,200 switching zones. Wireless setting, adjustment and interconnection via Bluetooth. Pyro sensor individually controllable. For installation in ceilings (COM1, KNX V3.5) as well as for concealed and surface mounting (COM1, COM2, DALI-2 IPD, KNX V3.5, IP und BT IPD). Measured variables: Presence function and light level as well as temperature and humidity on the basis of IP, KNX and DALI-2 IPD. Max. mounting height 10 m. Reach: 81 m<sup>2</sup> (radial), 576 m<sup>2</sup> (tangential).

## Technical specifications

Dimensions (L x W x H)	67 x 103 x 103 mm
Manufacturer's Warranty	5 years
Settings via	Bus, ETS software, App, Potentiometers, Connect Bluetooth Mesh
With remote control	No
Version	KNX - Concealed wiring
PU1, EAN	4007841064846
Type	Presence detector
Application, place	Indoors
Application, room	lecture hall, classroom, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, reception / lobby, sports hall, multi-storey / underground car park, dining hall / staff restaurant, Indoors
Colour	white

Mounting height	2,50 – 10,00 m
Mounting height max.	10,00 m
Optimum mounting height	2,8 m
Detection angle	360 °
Angle of aperture	160 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Mechanical scalability	Yes
Reach, radial	9 x 9 m (81 m <sup>2</sup> )
Reach, tangential	24 x 24 m (576 m <sup>2</sup> )
Reach, presence	9 x 9 m (81 m <sup>2</sup> )
Twilight setting	2 – 2000 lx
Time setting	10 s – 1092 Min.
Basic light level function	Yes

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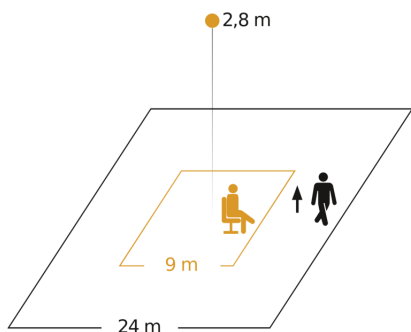


## Technical specifications

Colour, RAL	9003
Includes corner wall mount	No
Installation site	ceiling
Installation	Ceiling, Concealed wiring
IP-rating	IP20
Ambient temperature	0 – 40 °C
Material	Plastic
Mains power supply	30 V
Power consumption	0,3 W
Power supply, detail	KNX bus
With bus coupling	Yes
Technology, sensors	Light sensor, passive infrared, Air humidity, Temperature

Main light adjustable	0 - 100 %
Twilight setting TEACH	Yes
Constant-lighting control	Yes
KNX functions	Comfort, Photo-cell controller, Individual pyro evaluation, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 4x, Humidity output, Presence output, Day / night function, Dewpoint, Temperature output, Logic gate
Interconnection	Yes
Interconnection via	KNX bus, Bluetooth Mesh Connect
Rated current	10 mA

## Detection Zone



Possible mounting height: 2,50 m – 10,00 m  
 Orange: presence  
 Black: tangential

## Dimension Drawing

