Presence detector - Professional Line

IR Quattro HD 24m

DALI-2 Input Device
EAN 4007841 057497
Article number 057497

infrared sensor | max. 8m x 8m presence | HD 4800 zones | ideal 2,5 - 10 m | indoor sensor | IP20 | 10 - 10000 lux | 5 years manufacturer's warranty steinel.de/garantie | CE

Function description

Detection no finer! Infrared presence detector Presence Control PRO IR Quattro HD DALI-2 Input Device for indoors, ideal for medium to large-size offices, conference and meeting rooms, classrooms and lecture theatres, sports halls and warehouses, installation height up to 10 m. DALI-2 Input Device enables sensors to communicate collected sensor data to higher-level lighting management systems (e.g. LiveLink).

Technical specifications

Dimensions (L x W x H)	70 x 120 x 120 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Bus
With remote control	No
Version	DALI-2 Input Device
PU1, EAN	4007841057497
Type	Presence detector
Application, place	Indoors
Application, room	classroom, lecture hall, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, sports hall, reception / lobby, multi-storey / underground car park, Indoors
Colour	white
Colour, RAL	9010

Mounting height	2,50 – 10 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	No
Electronic scalability	No
Mechanical scalability	Yes
Reach, radial	8 x 8 m (64 m^2)
Reach, tangential	20 x 20 m (400 m^2)
Reach, presence	8 x 8 m (64 m^2)
Switching zones	4800 switching zones
Functions	Presence function
Twilight setting	10 – 1000 lx
Basic light level function	No

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Technical specifications

Includes corner wall mount	No
Installation site	ceiling
Package content	1
Installation	Concealed wiring, Ceiling
Ambient temperature	from -25 up to 50 °C
Material	Plastic
Mains power supply	12 – 22,5 V
Switching output 2, floating	No
Power supply, detail	DALI bus
Number of Dali users	4
Control output, Dali	Addressable/slave
With bus coupling	Yes
Technology, sensors	passive infrared, Mixed light metering
Voltage range (min)	12 V
Voltage range (max)	22,5 V

Main light adjustable	No
Twilight setting TEACH	No
Constant-lighting control	No
Interconnection	Yes
Type of interconnection	Master/slave
Interconnection via	DALI bus
Max. Current consumption according to IEC 62386-101	42 mA
Typical current consumption at 16V input voltage	6 mA
Max. Current consumption at 10V input voltage in regular operation	8 mA
Product category	Presence detector

Accessories

EAN 4007841 003036	Control PRO guard cage
EAN 4007841 000363	Surface-mounted adapter Control Pro IP54 white

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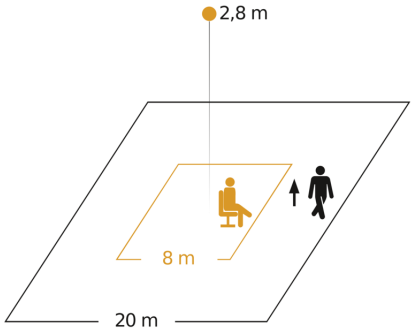
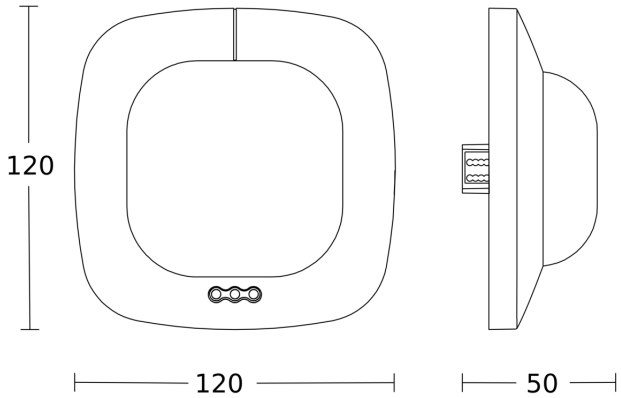
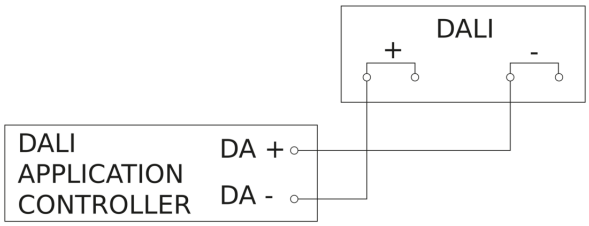
Detection Zone



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

Dimension Drawing



Circuit diagram