

DualTech

DALI-2 Input Device - concealed
 EAN 4007841 057473
 Article number 057473



ultrasonic sensor
360°



infrared sensor
360°



max. Ø 6 m
presence

2000 W

2000 W max. (LED-
ready)



IP20



ideal 2,5 - 3,5 m



indoor sensor

iQ

iQ-mode

Teach

Teach mode



energy saving

Function description

The best of both worlds. Combined in one detector. Ultrasonic presence detector DualTech, ideal for offices, conference rooms and class rooms. 36 sq.m. presence zone, ultrasonic technology provides reliable detection behind objects regardless of temperature, additional detection capability with PIR technology. 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)	66 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 - concealed
PU1, EAN	4007841057473
Type	Presence detector
Application, place	Indoors
Application, room	classroom, one-person office, open-plan office, conference room / meeting room, duty room, recreation room, Indoors
Colour	white
Colour, RAL	9010
Includes corner wall mount	No
Installation site	ceiling
Installation	Concealed wiring, Ceiling

Optimum mounting height	2,8 m
Ultrasonic technology	40 kHz
Detection angle	360 °
Angle of aperture	180 °
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	Ultrasonic: Ultraschall: Ø 10 m (Ultraschall: 79 m ²)
Reach, tangential	Ultrasonic: Ultraschall: Ø 10 m (Ultraschall: 79 m ²)
Reach, presence	Ultrasonic: Ultraschall: Ø 6 m (Ultraschall: 28 m ²)
Reach, radial 2	passive infrared: Passiv Infrarot: Ø 4 m (Passiv Infrarot: 13 m ²)
Reach, tangential 2	passive infrared: Passiv Infrarot: Ø 8 m (Passiv Infrarot: 50 m ²)

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Technical specifications

IP-rating	IP20
Ambient temperature	-25 – +55 °C
Material	Plastic
Mains power supply	12 – 22,5 V
Power supply, detail	DALI bus
Number of Dali users	12
Control output, Dali	Addressable/slave
Sensor Technology 2	passive infrared
Technology, sensors	Ultrasonic, passive infrared, Light sensor
Mounting height	2,50 – 3,5 m
Mounting height max.	3,50 m

Reach, presence 2	passive infrared: Passiv Infrarot: Ø 4 m (Passiv Infrarot: 13 m ²)
Twilight setting	10 – 1000 lx
Basic light level function	No
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	16 mA
Max. Current consumption at 10V input voltage in regular operation	24 mA

Accessories

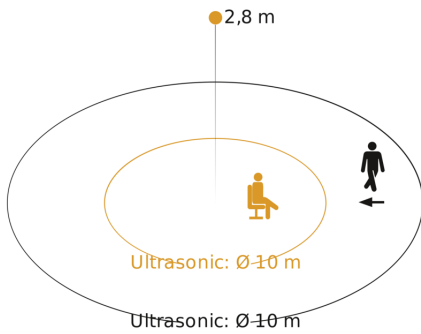
EAN 4007841 009151

Remote control Smart Remote

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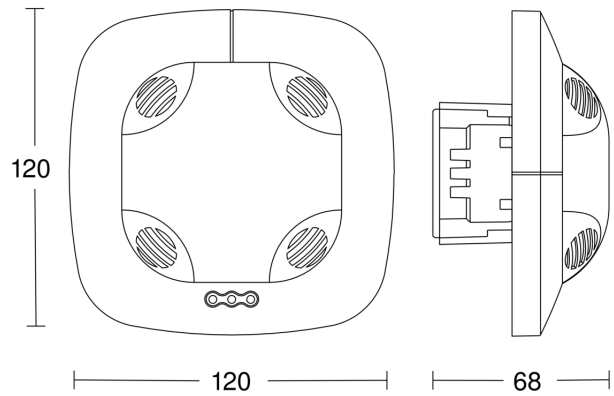
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Detection Zone



Possible mounting height: 2,50 m - 3,50 m
Orange: presence and tangential
Black: radial

Dimension Drawing



Circuit diagram

