

# 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

max. 2000 W



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	Optimum mounting height	2,8 m
With motion detector	Yes	Ultrasonic technology	40 kHz
Manufacturer's Warranty	5 years	Detection angle	360 °
Settings via	Bus	Angle of aperture	180 °
With remote control	No	Sneak-by guard	Yes
Version	DALI-2 Input Device - concealed	Capability of masking out individual segments	No
PU1, EAN	4007841057473	Electronic scalability	Yes
Type	Presence detector	Mechanical scalability	No
Application, place	Indoors	Reach, radial	Ultrasonic: Ultraschall: Ø 10 m (Ultraschall: 79 m <sup>2</sup> )
Application, room	classroom, one-person office, open-plan office, conference room / meeting room, duty room, recreation room, Indoors	Reach, tangential	Ultrasonic: Ultraschall: Ø 10 m (Ultraschall: 79 m <sup>2</sup> )
Colour	white	Reach, presence	Ultrasonic: Ultraschall: Ø 6 m (Ultraschall: 28 m <sup>2</sup> )
Colour, RAL	9010	Reach, radial 2	passive infrared: Passiv Infrarot: Ø 4 m (Passiv Infrarot: 13 m <sup>2</sup> )
Includes corner wall mount	No	Reach, tangential 2	passive infrared: Passiv Infrarot: Ø 8 m (Passiv Infrarot: 50 m <sup>2</sup> )
Installation site	ceiling		
Installation	Concealed wiring, Ceiling		

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## Technical specifications

IP-rating	IP20
Ambient temperature	from -25 up to +55 °C
Material	Plastic
Mains power supply	12 – 22,5 V
Power supply, detail	DALI bus
Number of Dali users	12
Steuerausgang, 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 <sup>2</sup> )
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
Product category	Presence detector

## Accessories

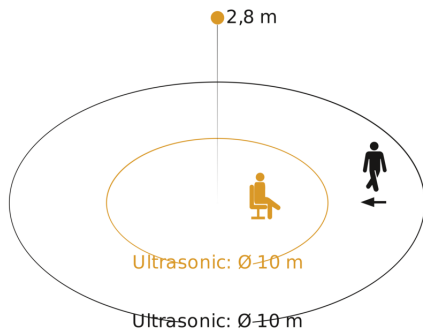
EAN 4007841 009151

Remote control Smart Remote

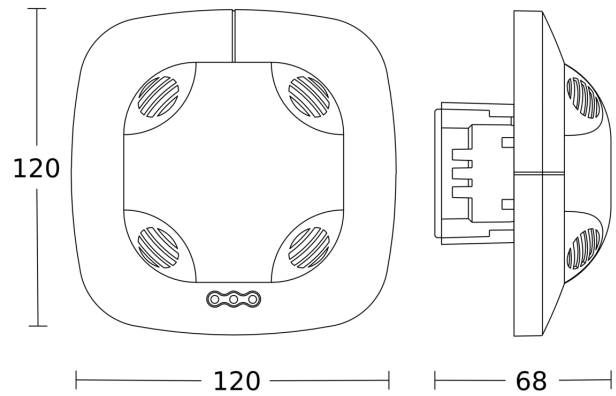
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## Detection Zone



## Dimension Drawing



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

## Circuit diagram

