

Presence Control PRO Dual HF

High-Frequency Presence Detector for Corridors



- Ideal corridor sensor using high-frequency technology
- Reliable detection over up to 20 m
- Reach electronically adjustable for both directions together
- Detection irrespective of temperature
- Ideal for detecting radial movement towards the sensor
- Ideal in corridors of normal ceiling height (hotel landings, halls and passageways at home, etc.)

Lighting automation perfected: Presence Control PRO DUAL HF

This product uses high-frequency technology that differs from the one used by the Presence Control PRO HF 360: DUAL HF with dual directional characteristic. Landings in hotels, corridors in schools and office buildings etc. are typical areas that lend themselves to automatic lighting control. But so far, there's been no sensor that could really cope with the job satisfactorily. That's a bold claim, but one that can be explained in physical terms. In corridors, most people walk towards the sensor (radially). Because of the direction they walk in, this is where infrared sensors installed at normal ceiling height are pushed to their limits because the probability of someone crossing 2 switching zones is rare and only happens late on. Attempts can be made to improve this situation by using special lenses, but at the end of the day it's the laws of physics that count. High-frequency technology, in contrast, even prefers a radial walking direction because the signal generated is even greater. The DUAL HF sensor is the first system to be featured in our range that uses 2 special HF-sensors to watch over both directions in a corridor from the ceiling: providing reliable detection over up to 24 m! Truly unique! Reach can be proportionally reduced in both directions all electronically. This model is available in the COM1, COM1 AP, KNX, DALI and 1 – 10 V DIM connecting options.

Detection zone



Max. reach: 3 – 10 m in each direction, infinitely adjustable

Accessories



Our high-frequency sensors work at 5.8 GHz and 1 mW.



Service remote control
RC3
RC6 KNX



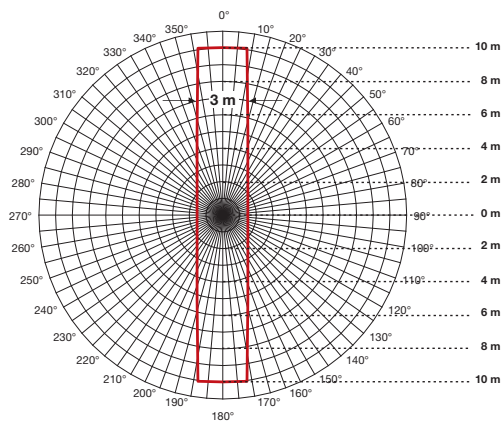
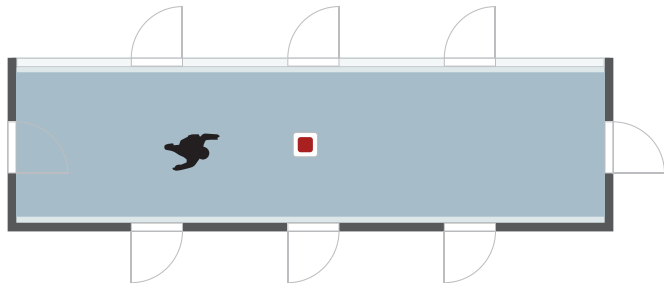
Remote control
RC4



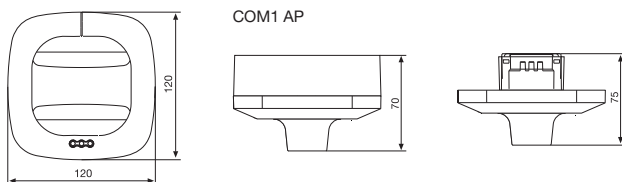
Remote control
RC5 DALI
RC7 KNX



Surface-mounting adapter
Control PRO AP Box (IP 54)



Presence Control PRO Dual HF, installation height 2.8 m,
indoor corridor situation, radial walking direction



Guard cage



Presence Control PRO DUAL HF

EAN	DUAL HF COM1	4007841 002978
	DUAL HF COM1 AP	4007841 590703
	DUAL HF DIM	4007841 002985
	DUAL HF KNX	4007841 002992
	DUAL HF DALI	4007841 003005
Dimensions (WxHxD)	120 x 120 x 76 mm	
Point of application	inside buildings	
recommended installation height	2.5 m – 3.5 m ceiling height	
Detection angle	360° with 140° angle of aperture, also through glass, wood and stud walls	
Reach	10 x 3 m max. in each direction, electronically and infinitely adjustable	
Sensor system	High-frequency 5.8 GHz, transmission power < 1mW	
Functions set at DIP switches (KNX using ETS software)	DIP 1 Normal / test mode DIP 2 Semi-/ fully automatic mode DIP 3 Pushbutton / switch mode DIP 4 Pushbutton 'ON' / pushbutton 'ON'-'OFF' DIP 5 Constant-lighting control 'ON'-'OFF' (DIM/DALI)	
Parallel connections	Master/slave Master/master	
User-friendly setting capability	Teach-in (with optional RC3 remote control)	
Light-level setting	10 – 1000 lux, ∞ / daylight DIM 100 – 1000 lux	
IP rating	IP 20 (IP 54 with AP Box)	
Protection class	II	
Temperature range	0° C to +40° C	
Housing	UV-resistant, paintable	
Accessories	- RC3 service remote control EAN 4007841 000387 - RC4 remote control EAN 4007841 003012 - RC5 DALI remote control EAN 4007841 592806 - RC6 KNX service remote control EAN 4007841 593018 - RC7 KNX remote control EAN 4007841 592912 - Surface-mounting adapter Control PRO AP Box EAN 4007841 000363 - Guard cage EAN 4007841 003036	

COM1
COM1 AP

DIM

KNX

DALI

For information on the
interfaces, please turn to
page 92 in this section.

FUNCTIONAL
30 month
WARRANTY

STEINEL
German
Quality

