

# Presence Control PRO Dual HF

## High-Frequency Presence Detector for Corridors

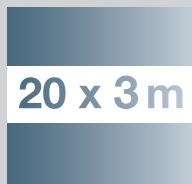


- Ideal corridor sensor using high-frequency technology
- Reliable detection over up to 20 m
- Reach electronically adjustable for both directions together
- Detection irrespective of temperature
- Ideal for detecting radial movement towards the sensor
- Ideal in corridors of normal ceiling height (hotel 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



5,8 GHz  
1 mW

#### Accessories



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

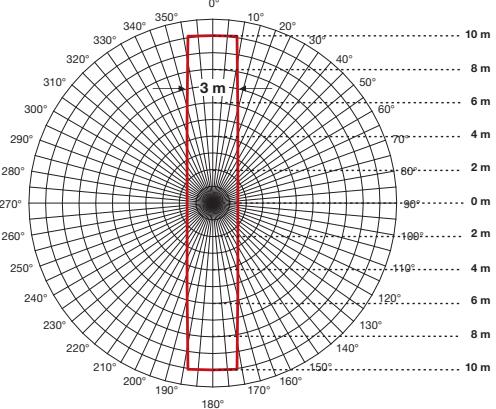
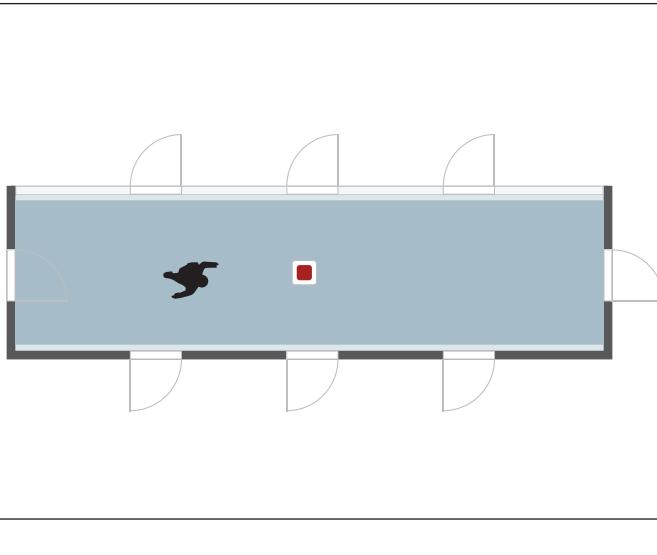
Our high-frequency  
sensors work at 5.8 GHz  
and 1 mW.

Service remote control  
RC3  
RC6 KNX

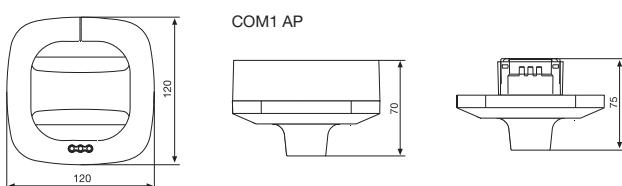
Remote control  
RC4

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	<ul style="list-style-type: none"> <li>- RC3 service remote control <b>EAN 4007841 000387</b></li> <li>- RC4 remote control <b>EAN 4007841 003012</b></li> <li>- RC5 DALI remote control <b>EAN 4007841 592806</b></li> <li>- RC6 KNX service remote control <b>EAN 4007841 593018</b></li> <li>- RC7 KNX remote control <b>EAN 4007841 592912</b></li> <li>- Surface-mounting adapter Control PRO AP Box <b>EAN 4007841 000363</b></li> <li>- Guard cage <b>EAN 4007841 003036</b></li> </ul>

COM1 COM1 AP	DIM	

Motion Detectors

Presence Detectors

SensorLights

Sensor-Switched Floodlights

Wireless Sensor Systems

Support, Service

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

FUNCTIONAL  
WARRANTY  
36 months

STEINEL  
German  
Quality

