



PROFESSIONAL

Trade & professional / Sensors / Presence Detectors / Dual HF

Dual HF

Information copy

Twice as vigilant. High-frequency corridor sensor Presence Control PRO DUAL HF DALI for indoors, ideal for passageways and long corridors, installation height up to 3.5 m, with digital DALI interface for controlling 2 lighting channels, DUAL-HF technology for radial detection of 20 m in two directions, detection regardless of temperature, HF-sensor technology also detects movement through glass, wood and stud walls, switches light 'ON' almost instantly.



Details

Live life conveniently and save energy too.

More quality of life, more safety and security and more energy saved with intelligent sensor technology from STEINEL.

Light ON / OFF - automatically.

Highly innovative sensors respond to movements and light levels, automatically and instantaneously switching the light ON and OFF again after a preselected time.

Presence Control PRO Dual HF DALI - high-frequency corridor sensor with DALI interface for controlling lighting by means of a constant-lighting controller, and the option of leaving a basic level of light switched ON as well as a second, independent light output in corridors and aisles. Sensing movement from the ceiling in either direction, the system operates with 2 special high-frequency sensors that reliably cover both corridor directions irrespective of temperature with a radial reach of 20 m. Reach is proportionately selectable in either direction. Additional functions provide the capability of adjusting to the particular usage situations at potentiometers or by

remote control. For example, IQ mode for automatically adjusting stay-ON time to room usage, pulse mode for activating a staircase lighting timer as well as DIP switches (semi-/fully automatic mode, button / switch mode etc.). The detection zone can be extended by interconnecting master/master or master/slave detectors. Optionally available remote controls take the effort out of installing and using this system.

2000w

2000 W max.

5 JAHRE
GARANTIE

5 years functional warranty



2 channels



ideal 2,5 - 3,5 m

iQ

IQ-mode



indoor sensor



max. 20 x 3 m

TEACH

Teach mode



energy saving



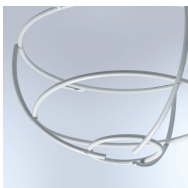
high frequency sensor 360°



Optional remote controls



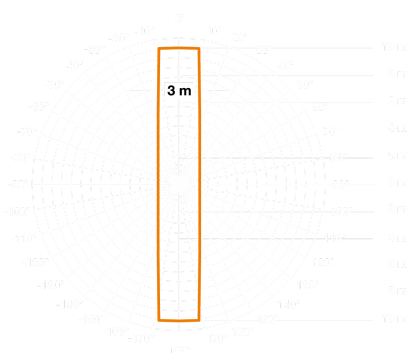
Optional surface-mounting adapters (IP 54, KNX)



Optional guard cage



HF-ceiling adapter for suspended ceilings



Presence Control PRO Dual
HF

installation height 2.8 m

(indoor corridor situation,
radial walking direction)

Technical specifications Dual HF DALI

European Article Number (EAN)	4007841003005
Model	Presence detector
Dimensions (h x w x d), concealed mounting	120 x 120 x 75 mm
Dimensions (w x h x d) surface mounting	120 x 120 x 70 mm
Sensor type	High Frequency
Application	inside buildings
Installation	Ceiling
Recommended installation height	2.5-3.5 m
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	5.8 GHz high-frequency (transmitter output < 1mW)
User-friendly setting capability	Teach-in (with optional remote control RC3)
Light-level setting	10 – 1000 lux, ?/daylight
Light-level setting DIM	100 - 1000 lx ∞ / daylight
Response value luminosity	10-1000 lx
DALI output 1	2-core DALI control cable / broadcast
DALI output 2	2-core DALI control cable / broadcast
Controllable DALI electronic ballasts	12 DALI electronic ballasts per output

**Teach-function for response
value luminosity**

Yes

**Parallel-connected
configurations**

Master/slave
 Master/master

Time setting

30 sec. – 30 min., pulse mode (approx. 2 sec.)
 IQ mode
(automatic adjustment to usage profile)

Degree of protection (IP)

IP20

**IP rating with AP Box
(surface-mounting box)**

IP54

Housing

UV-resistant, paintable

Model

DALI

Application

indoors

up to a mounting height of 3.50 m

ideal for passageways and long corridors