



HF 360



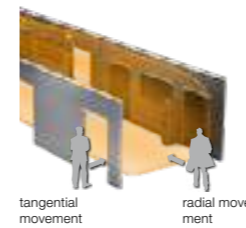
Dual HF

Indoors	•	•
In-ceiling installation	•	•
On-ceiling installation	•	•
COM1	•	•
COM1 AP	•	•
COM2	•	•
DIM	•	•
DALI	•	•
KNX	Page 132	Page 134
Installation height	2.5–3.5m	2.5–3.5m
Detection zone	Ø 1–12m	3x20m
Page	98	100



Doppler principle

The HF sensor actively emits high-frequency waves and identifies movements in its detection zone using the Doppler principle. It reliably responds to the slightest movement.



Tangential = radial

The direction of movement doesn't matter to the HF sensor. No matter whether you approach the sensor from the front or side – the detection quality and -reach are always of the same high quality.



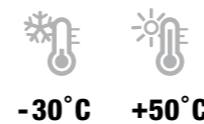
Penetrating detection

The HF sensor reliably detects movements through glass, wooden panels and stud walls – that's something only HF technology can do.



Optional concealed installation

The HF sensor can be installed behind suspended ceilings for aesthetic reasons or to protect it from vandalism. This makes no difference to detection reliability.



Perfect whether cold or hot

HF technology works in a temperature range of -30°C to +50°C without any adverse effect on function.

**STEINEL HF sensors.
Superior technology.**

Based on the Doppler principle, an active high-tech sensor emits signals at a frequency of 5.8 GHz (approx. 1/1000th the strength of the signal from a mobile phone) that can easily penetrate glass, wooden panels and stud walls and then bounce back as echoes. If this echo pattern is changed by a movement in the detection zone, the sensor responds and switches the light ON within a fraction of a second. High-frequency detectors are the right choice when it's a case of providing 100% coverage in complex application areas. The detectors respond to the smallest of movements for reliable, precision detection. Inadvertent triggering by non-human heat sources is avoided and the detectors can also be installed out of sight for visual and security-related reasons.

Even in the most demanding of applications, such as schools, airports, administrative- and office buildings, the outstanding performance and absolute reliability of these detectors never fail to impress.

Dual HF

A corridor sensor that points the way. Both in technology and design.

The Dual HF corridor sensor works with high-frequency technology that's particularly advanced. The system is fitted with 2 sensors, with each covering one corridor direction. Both of them together cover a good 20 metres in walking direction - for complete and reliable detection without blind spots. Tangential reach is deliberately limited to corridor width so as to avoid detecting movements behind closed doors, for instance.

CONTROL
PRO
SYSTEM



high frequency
sensor 360°



max. 20x3m

2000w

max.

DIM

1-10 V



2 channels



2,5-3,5m



IQ-Modus

TEACH

mode



energy
saving

5-JAHRE
GARANTIE

functional
warranty

EAN Dual HF COM1.....4007841 002978
EAN Dual HF COM1 AP.....4007841 590703
EAN Dual HF DALI.....4007841 003005
EAN Dual HF DIM.....4007841 002985

You will find the KNX version on page 134.

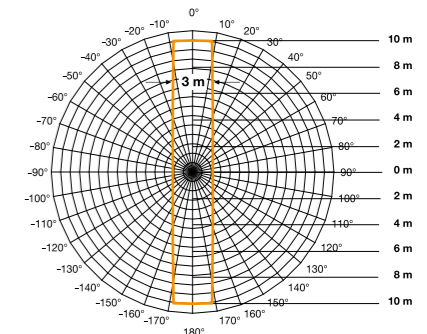
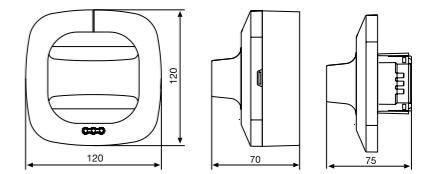
Type..... Presence detector
Dimensions (H x W x D) UP..... 120 x 120 x 75 mm
Dimensions (H x W x D) AP..... 120 x 120 x 70 mm
Sensor type..... High frequency
Where to use..... Indoors
Installation..... Ceiling, corridor
Recommended installation height..... 2.5 - 3.5 m
Angle of coverage..... 360° with 140° angle of aperture
..... even through glass, wood and stud walls
Reach..... 10 x 3 m max. in each direction,
..... electronically and infinitely variable
Sensor system..... 5.8 GHz high frequency (transmitter output < 1mW)
Parallel-connected configurations..... Master/master, master/slave
User-friendly setting..... Teach-In (with optional remote control RC8)
Response brightness..... 10-1000lx, ∞/daylight
Response brightness, DIM..... 100-1000lx, ∞/daylight
IP rating..... IP20
IP rating with AP Box..... IP54
Protection class..... II
Temperature range..... -25 to +55°C
Enclosure..... UV-resistant, paintable
For information on the interfaces, please turn to page 112.

Accessories

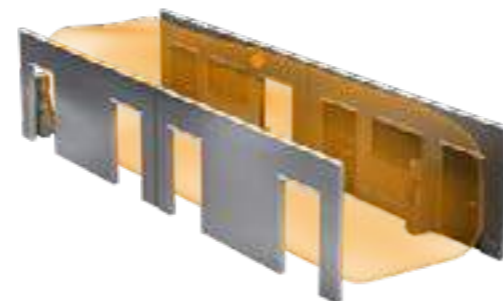
EAN user remote control RC5.....4007841 592806
EAN service remote control RC8.....4007841 559410
EAN surface-mounting adapter, Control PRO AP Box..... 4007841 000363
EAN ceiling adapter for suspended ceilings..... 4007841 006600
EAN guard cage..... 4007841 003036
Refer to the 'Accessories' section for further information.



Surface-mounting
version (AP)



Dual HF detection zone
Installed height 2.80 m
orange = indoor corridor situation,
radial walking direction



Optional remote
controls refer to
page 300



Optional
surface-mounting
adapters (IP 54, KNX)
refer to page 300



Optional guard cage
refer to page 300



HF ceiling adapter
for installation in sus-
pended ceilings

