



HF 360



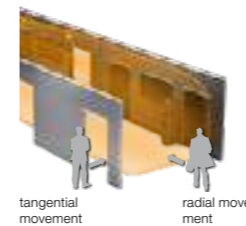
Dual HF

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.



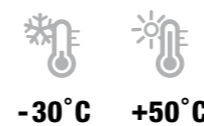
Penetrating detection

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.











HF 360

**You can hardly see it.
But it sees everything.**

STEINEL's not only the pioneer of high-frequency sensor technology but also the first to use it successfully for presence detectors. With a whole host of benefits, specifically for applications in public areas, such as WC cubicles. Because HF works without any lens, the HF 360 is extremely slim and bears little resemblance with a "watchdog". This makes it hardly vulnerable to vandalism for example.

CONTROL
PRO
SYSTEM



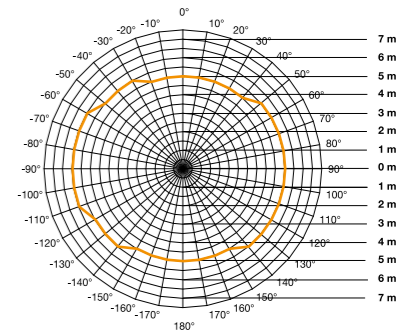
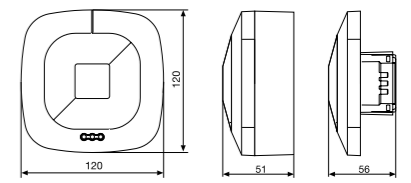
-  high frequency sensor 360°
-  max. Ø 12m
-  2000w max.
-  DIM 1-10 V
-  DALI 2 channels
-  2.5-3.5m
-  TEACH mode
-  IQ Modus
-  energy saving
-  5 JAHRE GARANTIE functional warranty

EAN HF 360 COM1	4007841 002800
EAN HF 360 COM1 AP	4007841 751302
EAN HF 360 COM2	4007841 002848
EAN HF 360 DALI	4007841 002817
EAN HF 360 DIM	4007841 002831

You will find the KNX version on page 132.

Type	Presence detector
Dimensions (H x W x D) UP	120 x 120 x 56 mm
Dimensions (H x W x D) AP	120 x 120 x 51 mm
Sensor type	High frequency
Where to use	Indoors
Installation	Ceiling
Recommended installation height	2.5 - 3.5 m
Angle of coverage	360° with 140° angle of aperture
Adjustment	even through glass, wood and stud walls
Reach	1 or 2 detection directions can be masked out by mechanical means for adjustment to the room situation
Reach	12 m max. all round, infinitely variable
Sensor system	High-frequency 5.8 GHz (transmission power < 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
IQ mode	Yes
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 ceiling adapter for suspended ceilings	4007841 006600
EAN surface-mounting adapter, Control PRO AP Box	4007841 000363
EAN guard cage	4007841 003036

Refer to the 'Accessories' section for further information.



Surface-mounting version (AP)



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 suspended ceilings

