

Motion detector - Professional Line

# iHF 3D

V3.5 KNX - white

EAN 4007841 059644

Article number 059644



intelligent high  
frequency sensor  
160°



3 zones scalable 3  
x 1-7m, max. 7 m



KNX



IP54



10 - 2000 lux



10 sec - 1092 min



Ideal 2 m

Teach

Teach mode



energy saving

5 years

manufacturer's  
warranty  
[steinel-professional.de/garantie](https://www.steinel.de/garantie)

## Function description

Detects what you want it to. Integrates into the building network. iHF 3D KNX motion detector, ideal for facades, carports, parking areas and patios. 160° iHF-sensor with 5 m reach, 3D aerial technology, identifies and distinguishes between moving objects, no inadvertent triggering any more by small animals, very low or high temperatures. Detects everything equally well whichever direction it is approached from. The new Bluetooth version lets you start the programming mode and update the software by app.

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## Technical specifications

Type	Motion detectors
Dimensions (L x W x H)	120 x 117 x 120 mm
Power supply, detail	KNX bus
Sensor Technology	iHF (intelligent high-frequency technology)
Application, place	Outdoors
Installation site	wall
Installation	Surface wiring
Mounting height	1,80 – 2,00 m
Reach, radial	r = 5 m (35 m <sup>2</sup> )
Reach, tangential	r = 5 m (35 m <sup>2</sup> )
Reach, detail	Detection zone adjustable on 3 axes
HF-system	5,8 GHz
Detection angle	160 °
Angle of aperture	100 °
Optimum mounting height	1,8 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Twilight setting TEACH	Yes
Twilight setting	10 – 2000 lx

Time setting	10 s – 1092 Min.
Constant-lighting control	No
Basic light level function	Yes
Basic light level function in per cent	0 – 100 %
Basic light level function time	10s - 18h 12min 15s
KNX functions	Photo-cell controller, Basic light level function, Light level, Light output 2x, Presence output, Day / night function, Logic gate, Direction of movement, Distance, Sabotage protection
Functions	Presence detector logic
With bus coupling	Yes
Settings via	ETS software, Bus, Bluetooth, App, Potentiometers, Smartphone
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
IP-rating	IP54
Material	Plastic
Ambient temperature	-20 – 50 °C
Application, room	outdoors, front door, all round the building, terrace / balcony, courtyard & driveway
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	KNX - white
PU1, EAN	4007841059644
Technology, sensors	iHF (intelligent high-frequency technology), Light sensor

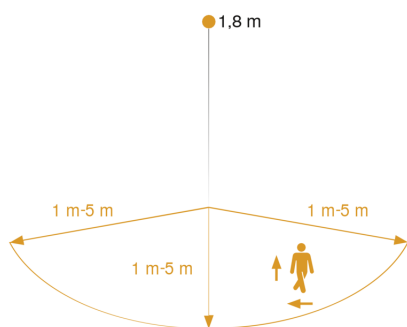
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## Detection Zone



Mögliche Montagehöhe: 1,80 m – 2,00 m

Orange: radial und tangential

3 skalierbare Achsen

## Dimension Drawing

