

# iHF 3D

V3.5 KNX - black  
EAN 4007841 059637  
Article number 059637



intelligent high  
frequency sensor  
160°



3 zones scalable 3 x  
1-5m, 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

## 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.

## Technical specifications

|                            |   |   |                              |
|----------------------------|---|---|------------------------------|
| Dimensions (L x W x H)     | 120 x 117 x 120 mm  | HF-system                                     | 5,8 GHz                      |
| With motion detector       | Yes   | Detection angle                               | 160 °                        |
| Manufacturer's Warranty    | 5 years   | Angle of aperture                             | 100 °                        |
| Settings via               | ETS software, Bus, Bluetooth, App, Potentiometers, Smartphone                         | Sneak-by guard                                | Yes                          |
| Version                    | KNX - black   | Capability of masking out individual segments | Yes                          |
| PU1, EAN                   | 4007841059637   | Electronic scalability                        | Yes                          |
| Type                       | Motion detectors  | Mechanical scalability                        | No                           |
| Application, place         | Outdoors  | Reach, radial                                 | r = 5 m (35 m <sup>2</sup> ) |
| Application, room          | outdoors, front door, all round the building, terrace / balcony, courtyard & driveway | Reach, tangential                             | r = 5 m (35 m <sup>2</sup> ) |
| Colour                     | black   | Transmitter power                             | < 1 mW                       |
| Colour, RAL                | 9005  | Functions                                     | Presence detector logic      |
| Includes corner wall mount | No  | Twilight setting                              | 10 – 2000 lx                 |
| Installation site          | wall  | Time setting                                  | 10 s – 1092 Min.             |
| Installation               | Surface wiring, Wall  | Basic light level function                    | Yes                          |
|                            |   | Basic light level function time               | 10s - 18h 12min 15s          |

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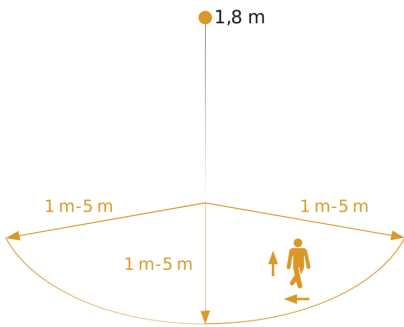


Technical specifications

|                         |   |
|-------------------------|---|
| IP-rating               | IP54  |
| Ambient temperature     | -20 – 50 °C   |
| Material                | Plastic   |
| Power supply, detail    | KNX bus   |
| With bus coupling       | Yes   |
| Technology, sensors     | iHF (intelligent high-frequency technology), Light sensor |
| Mounting height         | 1,80 – 2,00 m   |
| Mounting height max.    | 2,00 m  |
| Optimum mounting height | 1,8 m   |

|                           |  |
|---------------------------|--|
| Main light adjustable     | 0 - 100 %  |
| Twilight setting TEACH    | Yes  |
| Constant-lighting control | No   |
| 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 |
| Interconnection           | Yes  |
| Type of interconnection   | Master/master, Master/slave  |
| Interconnection via       | KNX bus  |
| Rated current             | 30 mA  |

Detection Zone



Possible mounting height: 1,80 m – 2,00 m  
Orange: radial and tangential  
3 scalable axes

Dimension Drawing

