

# HF 360-2

V3.5 KNX - surface white  
EAN 4007841 086718  
Article number 086718



high frequency  
sensor 360°



max. Ø 12 m



KNX



IP20



ideal 1 - 2,5 m



10 - 10000 lux



10 sec - 30 min



temperature



air humidity



iQ-mode

## Function description

Smart surveillance professional. The HF 360-2 from the new Control PRO 2 range. Modern look and intelligent 360° HF sensor technology – ideal for stairwells and toilet facilities with cubicles. Conveniently adjusted and interconnected via Bluetooth. Interfaces: COM1, COM2, DALI-2 APC, DALI-2 IPD, KNX, IP and BT IPD (Slave). Mounting height up to 4 m. Reach: 12 m.

## Technical specifications

|                            |                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------|
| Dimensions (L x W x H)     | 57 x 123 x 123 mm                                                                    |
| With motion detector       | Yes                                                                                  |
| Manufacturer's Warranty    | 5 years                                                                              |
| Settings via               | Bluetooth, Bus                                                                       |
| With remote control        | No                                                                                   |
| Version                    | KNX - surface white                                                                  |
| PU1, EAN                   | 4007841086718                                                                        |
| Type                       | Presence detector                                                                    |
| Application, place         | Indoors                                                                              |
| Application, room          | function room / ancillary room,<br>kitchenette, stairwell, WC /<br>washroom, Indoors |
| Colour                     | white                                                                                |
| Colour, RAL                | 9003                                                                                 |
| Includes corner wall mount | No                                                                                   |
| Installation site          | ceiling                                                                              |
| Installation               | Surface wiring, Ceiling                                                              |
| IP-rating                  | IP20                                                                                 |

|                                                  |                                            |
|--------------------------------------------------|--------------------------------------------|
| Optimum mounting height                          | 2,8 m                                      |
| HF-system                                        | 5,8 GHz                                    |
| Detection                                        | also through glass, wood and stud<br>walls |
| Detection angle                                  | 360 °                                      |
| Angle of aperture                                | 160 °                                      |
| Sneak-by guard                                   | Yes                                        |
| Capability of masking out individual<br>segments | No                                         |
| Electronic scalability                           | Yes                                        |
| Mechanical scalability                           | No                                         |
| Reach, radial                                    | Ø 12 m (113 m <sup>2</sup> )               |
| Reach, tangential                                | Ø 12 m (113 m <sup>2</sup> )               |
| Transmitter power                                | < 1 mW                                     |
| Twilight setting                                 | 2 – 2000 lx                                |
| Time setting                                     | 10 s – 1092 Min.                           |
| Basic light level function                       | Yes                                        |
| Main light adjustable                            | Yes                                        |

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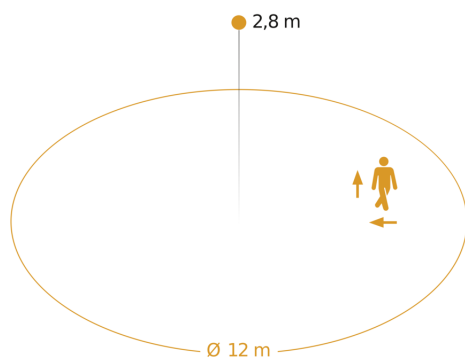


## Technical specifications

|                      |                                                                 |
|----------------------|-----------------------------------------------------------------|
| Ambient temperature  | from -25 up to 50 °C                                            |
| Material             | Plastic                                                         |
| Mains power supply   | 30 V                                                            |
| Power supply, detail | KNX bus                                                         |
| With bus coupling    | Yes                                                             |
| Technology, sensors  | High frequency, Mixed light metering, Temperature, Air humidity |
| Voltage range (min)  | 30 V                                                            |
| Voltage range (max)  | 30 V                                                            |
| Mounting height      | 2,5 – 4 m                                                       |
| Mounting height max. | 4,00 m                                                          |

|                           |                                                                                                                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Twilight setting TEACH    | Yes                                                                                                                                                                                                                    |
| Constant-lighting control | Yes                                                                                                                                                                                                                    |
| KNX functions             | Light output 4x, Constant-lighting control, Basic light level function, Photo-cell controller, Light level, HVAC output, Temperature output, Humidity output, Presence output, Day / night function, Dewpoint, Comfort |
| Interconnection           | Yes                                                                                                                                                                                                                    |
| Interconnection via       | Bluetooth Mesh                                                                                                                                                                                                         |
| Rated current             | 30 mA                                                                                                                                                                                                                  |
| KNX Medium                | TP 256                                                                                                                                                                                                                 |
| KNX Secure                | No                                                                                                                                                                                                                     |
| Product category          | Presence detector                                                                                                                                                                                                      |

## Detection Zone



Possible mounting height: 2,50 m – 4,00 m  
Orange: radial and tangential

## Dimension Drawing

