

# IR Quattro HD 24m

COM1 - surface black  
EAN 4007841 068615  
Article number 068615



infrared sensor



max. 8m x 8m  
presence

HD

4800 zones

2000 W

max. 2000 W



ideal 2,5 - 10 m



indoor sensor

iQ

IQ-mode



energy saving

5 years

manufacturer's  
warranty steinel.de/  
garantie



CE

## Function description

Detection no finer! Infrared presence detector Presence Control PRO IR Quattro HD COM1 AP for indoors, ideal for medium to large-size offices, conference and meeting rooms, classrooms and lecture theatres, sports halls and warehouses, installation height up to 10 m, surface-mounting version for switching light 'ON' and 'OFF', 4800 switching zones for the ultimate in detection quality, presence detection over a true 64 m<sup>2</sup>, square detection zone, mechanically scalable.

## Technical specifications

|                            |                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (L x W x H)     | 65 x 120 x 120 mm                                                                                                                                                                                                                    |
| Manufacturer's Warranty    | 5 years                                                                                                                                                                                                                              |
| Settings via               | Remote control, DIP switches, Potentiometers, Smart Remote                                                                                                                                                                           |
| With remote control        | No                                                                                                                                                                                                                                   |
| Version                    | COM1 - surface black                                                                                                                                                                                                                 |
| PU1, EAN                   | 4007841068615                                                                                                                                                                                                                        |
| Type                       | Presence detector                                                                                                                                                                                                                    |
| Application, place         | Indoors                                                                                                                                                                                                                              |
| Application, room          | classroom, lecture hall, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, sports hall, reception / lobby, multi-storey / underground car park |
| Colour                     | black                                                                                                                                                                                                                                |
| Colour, RAL                | 9005                                                                                                                                                                                                                                 |
| Includes corner wall mount | No                                                                                                                                                                                                                                   |

|                                               |                                 |
|-----------------------------------------------|---------------------------------|
| Capacitive load in µF                         | 176 µF                          |
| Technology, sensors                           | passive infrared, Light sensor  |
| Mounting height                               | 2,50 – 10,00 m                  |
| Mounting height max.                          | 10,00 m                         |
| Optimum mounting height                       | 2,8 m                           |
| Detection angle                               | 360 °                           |
| Angle of aperture                             | 160 °                           |
| Sneak-by guard                                | Yes                             |
| Capability of masking out individual segments | No                              |
| Electronic scalability                        | No                              |
| Mechanical scalability                        | Yes                             |
| Reach, radial                                 | 8 x 8 m (64 m <sup>2</sup> )    |
| Reach, tangential                             | 20 x 20 m (400 m <sup>2</sup> ) |
| Reach, presence                               | 8 x 8 m (64 m <sup>2</sup> )    |
| Switching zones                               | 4800 switching zones            |

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|                                               |                         |
|-----------------------------------------------|-------------------------|
| Installation site                             | ceiling                 |
| Package content                               | 1                       |
| Installation                                  | Surface wiring, Ceiling |
| IP-rating                                     | IP20                    |
| Ambient temperature                           | from -25 up to 55 °C    |
| Material                                      | Plastic                 |
| Mains power supply                            | 230 V / 50 – 60 Hz      |
| Fluorescent lamps, electronic ballast         | 1500 W                  |
| Fluorescent lamps, uncorrected                | 1000 VA                 |
| Fluorescent lamps, series-corrected           | 1000 VA                 |
| Fluorescent lamps, parallel-corrected         | 1000 VA                 |
| Switching output 1, low-voltage halogen lamps | 2000 VA                 |
| LED lamps < 2 W                               | 100 W                   |
| LED lamps > 2 W < 8 W                         | 300 W                   |
| LED lamps > 8 W                               | 600 W                   |

|                            |                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Functions                  | Normal / test mode, Semi-/fully automatic, Pushbutton / switch mode, Manual ON / ON-OFF, Constant-lighting control ON-OFF |
| Twilight setting           | 10 – 1000 lx                                                                                                              |
| Time setting               | 30 s – 30 Min.                                                                                                            |
| Basic light level function | No                                                                                                                        |
| Main light adjustable      | No                                                                                                                        |
| Twilight setting TEACH     | Yes                                                                                                                       |
| Constant-lighting control  | No                                                                                                                        |
| Interconnection            | Yes                                                                                                                       |
| Type of interconnection    | Master/master, Master/slave                                                                                               |
| Interconnection via        | Cable                                                                                                                     |
| Interconnection, number    | max. 10 sensors                                                                                                           |
| Product category           | Presence detector                                                                                                         |

## Accessories

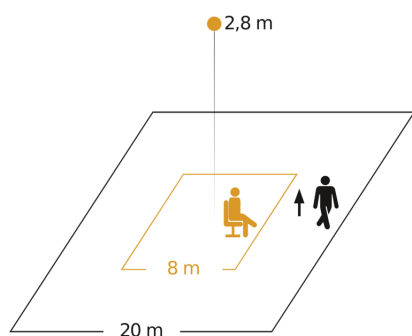
|                    |                             |
|--------------------|-----------------------------|
| EAN 4007841 003036 | Control PRO guard cage      |
| EAN 4007841 009151 | Remote control Smart Remote |
| EAN 4007841 559410 | Service remote control RC8  |

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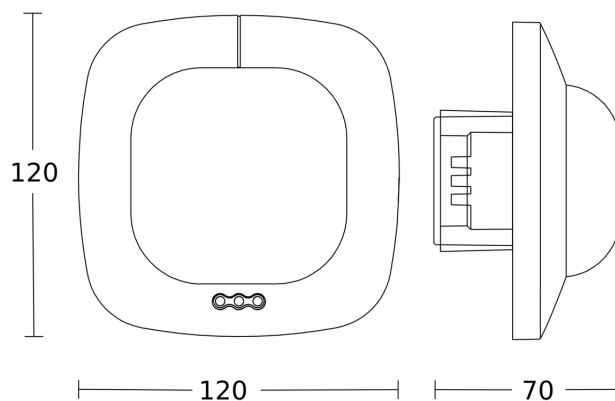


## Detection Zone

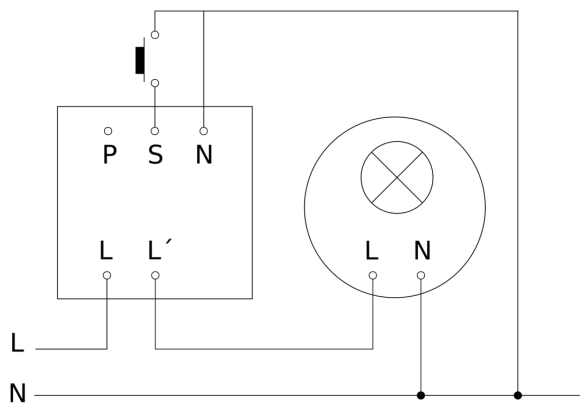


Possible mounting height: 2,50 m - 10,00 m  
Orange: presence  
Black: tangential

## Dimension Drawing



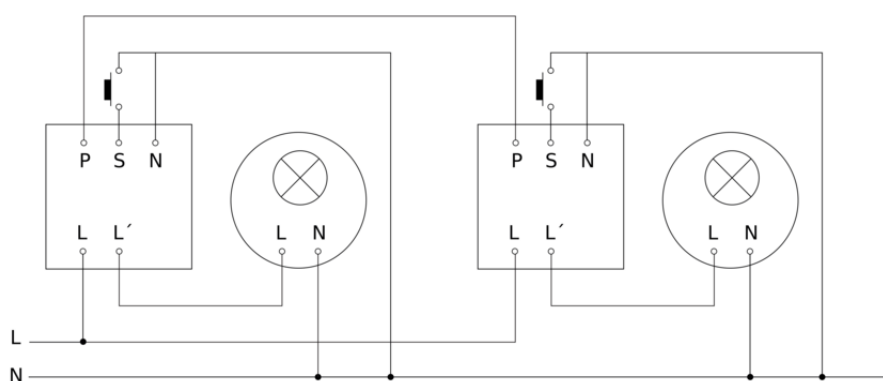
## Master circuit diagram



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## Master/master interconnection circuit diagram



## Master/slave interconnection circuit diagram

