

# IR Quattro HD 24m

COM1 - concealed white  
EAN 4007841 002794  
Article number 002794



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 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, 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)     | 70 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 - concealed white                                                                                                                                                                                                               |
| PU1, EAN                   | 4007841002794                                                                                                                                                                                                                        |
| 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                     | white                                                                                                                                                                                                                                |
| Colour, RAL                | 9010                                                                                                                                                                                                                                 |
| 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                                           |
| Functions                                     | Normal / test mode, Semi-/fully automatic, Pushbutton / switch |

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|-----------------------------------------------|---------------------------|------------------------------------------------------------|
| Installation site                             | ceiling                   | mode, Manual ON / ON-OFF, Constant-lighting control ON-OFF |
| Package content                               | 1                         |                                                            |
| Installation                                  | Concealed wiring, Ceiling | Twilight setting                                           |
| IP-rating                                     | IP20                      | 10 – 1000 lx                                               |
| Ambient temperature                           | from -25 up to 55 °C      | Time setting                                               |
| Material                                      | Plastic                   | 30 s – 30 Min.                                             |
| Mains power supply                            | 230 V / 50 – 60 Hz        | Basic light level function                                 |
| Fluorescent lamps, electronic ballast         | 1500 W                    | No                                                         |
| Fluorescent lamps, uncorrected                | 1000 VA                   | Main light adjustable                                      |
| Fluorescent lamps, series-corrected           | 1000 VA                   | No                                                         |
| Fluorescent lamps, parallel-corrected         | 1000 VA                   | Twilight setting TEACH                                     |
| Switching output 1, low-voltage halogen lamps | 2000 VA                   | Yes                                                        |
| LED lamps < 2 W                               | 100 W                     | Constant-lighting control                                  |
| LED lamps > 2 W < 8 W                         | 300 W                     | No                                                         |
| LED lamps > 8 W                               | 600 W                     | Interconnection                                            |
|                                               |                           | Yes                                                        |
|                                               |                           | Type of interconnection                                    |
|                                               |                           | Master/master, Master/slave                                |
|                                               |                           | Interconnection via                                        |
|                                               |                           | Cable                                                      |
|                                               |                           | Interconnection, number                                    |
|                                               |                           | max. 10 sensors                                            |
|                                               |                           | Product category                                           |
|                                               |                           | Presence detector                                          |

## Accessories

|                    |                                          |
|--------------------|------------------------------------------|
| EAN 4007841 000363 | Surface-mounted adapter Control Pro IP54 |
| EAN 4007841 003036 | Control PRO guard cage                   |
| EAN 4007841 009151 | Remote control Smart Remote              |
| EAN 4007841 559410 | Service remote control RC8               |

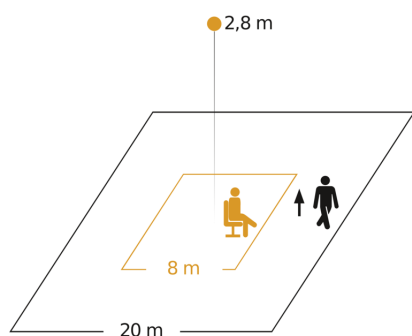
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## Detection Zone

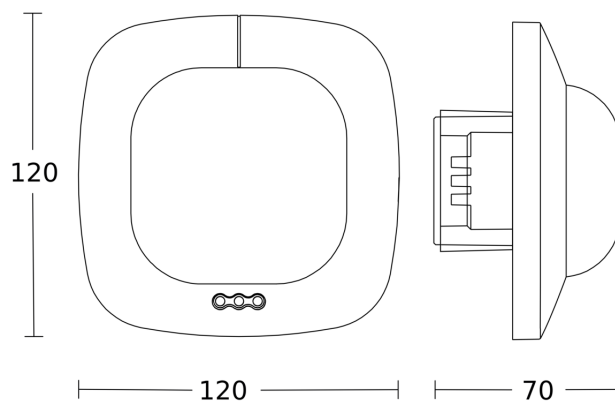


Possible mounting height: 2,50 m - 10,00 m

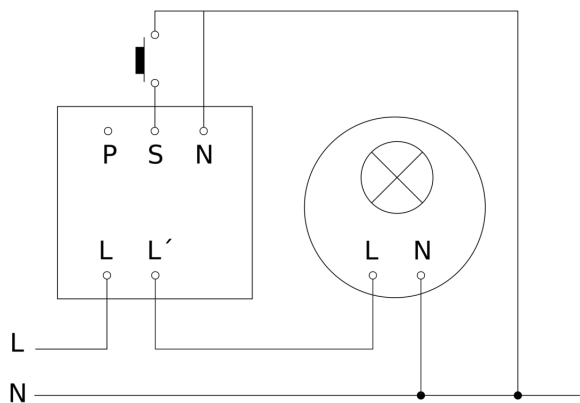
Orange: presence

Black: tangential

## Dimension Drawing



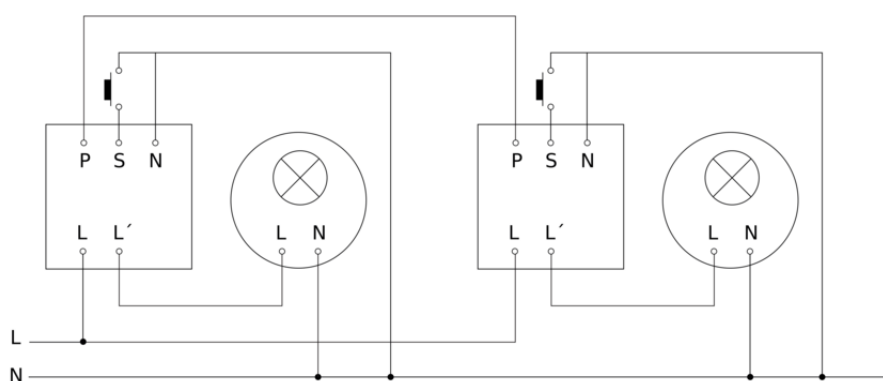
## Master circuit diagram



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## Master/master interconnection circuit diagram



## Master/slave interconnection circuit diagram

