Presence detector - Professional Line

# 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 | 5 years manufacturer's warranty steinel.de/garantie | CE | VDE-GS

## 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 m2, 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 |

| | |
|---|---|
| Technology, sensors | passive infrared, Mixed light metering |
| Voltage range (min) | 230 V |
| Voltage range (max) | 230 V |
| 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 $m^2$) |
| Reach, tangential | 20 x 20 m (400 $m^2$) |
| Reach, presence | 8 x 8 m (64 $m^2$) |
| Switching zones | 4800 switching zones |

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## Technical specifications

| | |
|---|---|
| Installation site | ceiling |
| Package content | 1 |
| Installation | Concealed 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 |
| Capacitive load in µF | 176 µF |

| | |
|---|---|
| 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 000363 | Surface-mounted adapter Control Pro IP54 white |
| 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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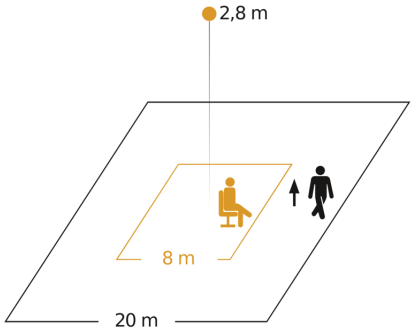
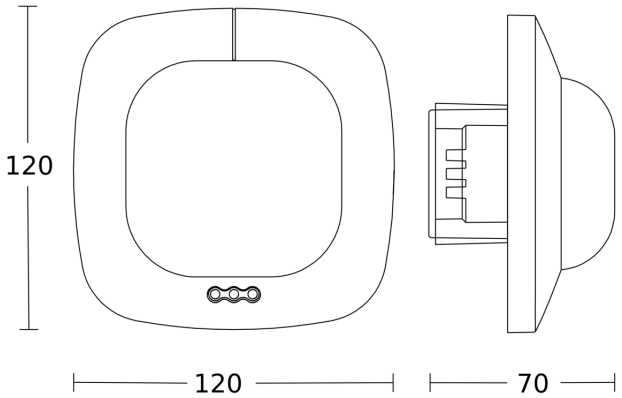
## Detection Zone

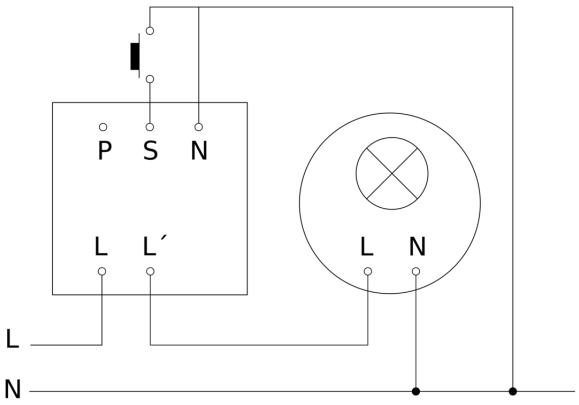



Possible mounting height: 2,50 m - 10,00 m
Orange: presence
Black: tangential

## Dimension Drawing




## Master circuit diagram



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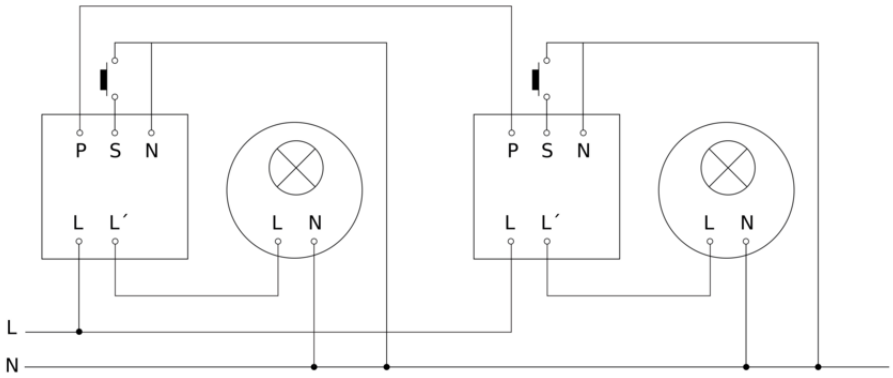
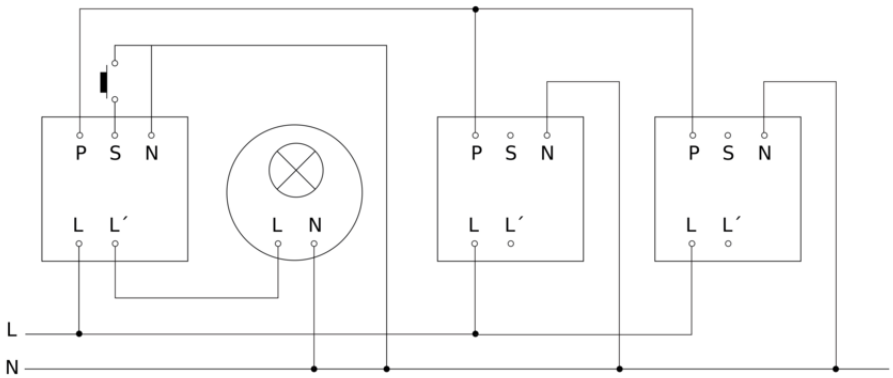
**Master/master interconnection circuit diagram**




**Master/slave interconnection circuit diagram**