

# IR Quattro HD 24m

COM1 - surface white  
EAN 4007841 592400  
Article number 592400



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-  
professional.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 white
PU1, EAN	4007841592400
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

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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## Technical specifications

Includes corner wall mount	No	mode, Manual ON / ON-OFF, Constant-lighting control ON-OFF
Installation site	ceiling	
Installation	Surface 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
Capacitive load in µF	176 µF	Yes
		Type of interconnection
		Master/master, Master/slave
		Interconnection via
		Cable
		Interconnection, number
		max. 10 sensors
		Product category
		Presence detector

## Accessories

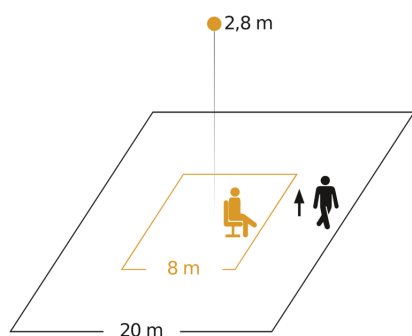
EAN 4007841 000363	Surface-mounted adapter Control Pro IP54
EAN 4007841 003036	Control PRO guard cage
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8

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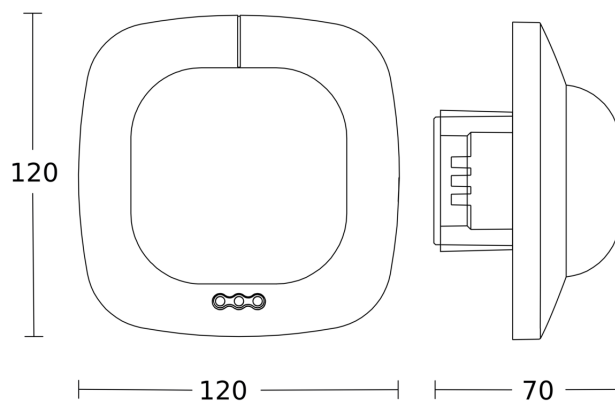


## Detection Zone

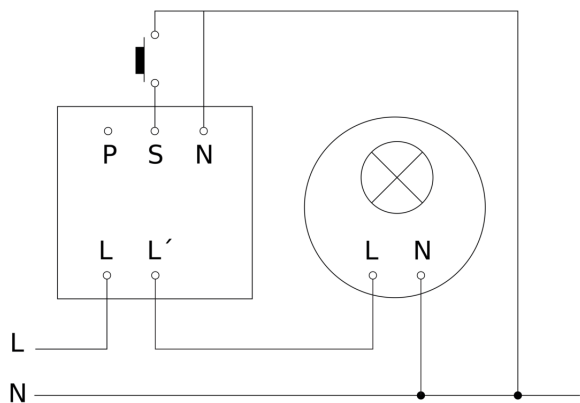


Possible mounting height: 2,50 m - 10,00 m  
Orange: presence  
Black: tangential

## Dimension Drawing



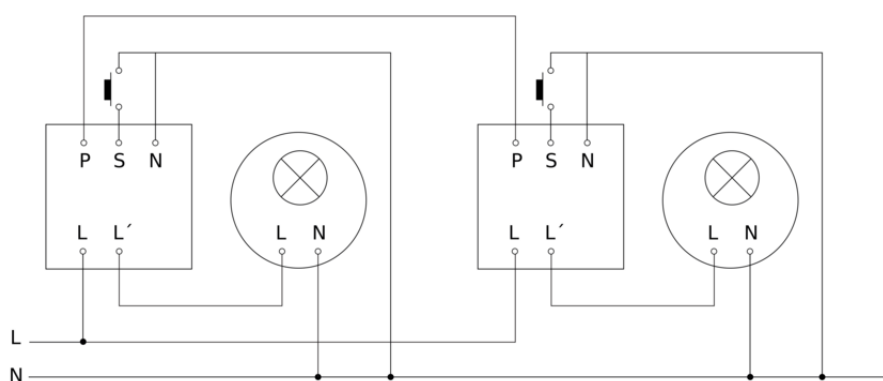
## Master circuit diagram



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## Master/master interconnection circuit diagram



## Master/slave interconnection circuit diagram

