PIR technology.

IR Quattro HD

Passive infrared. The all-rounders.
For indoors and outdoors.
In garages, warehouses, on drives or in courtyards, sensors are needed that can detect movement over a wide radius. And they must also work reliably in damp, cold weather. This is where passive infrared technology (PIR) is the preferred choice. It detects heat radiated from the human body and converts it into a measurable electric signal. And because we at STEINEL want to offer nothing but the best solution, we have enhanced our IR sensors to such an extent that they provide the highest detection quality on the market.

CONTROL PRO SYSTEM

	IR Quattro HD	IR Quattro	IR Quattro SLIM
Indoors	•	•	•
In-ceiling installation	•	•	•
On-ceiling installation	•	•	
COM1	•	•	•
COM1 AP	•	•	
COM2	•	•	•
DIM	•	•	•
DALI	•	•	
KNX	Page 126	Page 128	Page 130
IMPULSER		•	
Installation height	2.5 – 10 m	2.5 – 8 m	2.5 – 4 m
IR switching zones	4800	1760	–
Square detection zones	Presence: 8 x 8 m max. Radial: 8 x 8 m max. Tangential: 20 x 20 m max.	Presence: 4 x 4 m max. Radial: 5 x 5 m max. Tangential: 7 x 7 m max.	Presence: 4 x 4 m max. Radial: 4 x 4 m max. Tangential: 4 x 4 m max.
Page	86	88	92

IR Quattro HD

Fits on the ceiling.
And sees what others dream of.
HD isn't just restricted to televisions but from now on also used in presence detectors. Because IR Quattro HD provides extremely high-definition detection. 4,800 switching zones and a square detection footprint with a presence zone covering a true 64 m^2 leave no margin whatsoever for inadvertent triggering and blind spots. Unique: The presence zone can be mechanically scaled without the slightest loss of quality. This means IR Quattro HD applications in medium to large-size offices, conference and meeting rooms, class rooms and lecture theatres as well as sports halls and warehouses can be planned and configured with absolute precision. Something others can only dream of.

CONTROL PRO SYSTEM

Infrared sensor

max. 8 m x 8 m presence

HD
4800 zones

2000W
max.

DIM
1 – 10 V

DALI
2 channels

indoor sensor

2,5 – 10 m

IQ-mode

energy saving

5 JAHRE GARANTIE
functional warranty

EAN IR Quattro HD COM1 . . . . . 4007841 002794
EAN IR Quattro HD COM1 AP 4007841 592400
EAN IR Quattro HD COM2 . . . . . 4007841 002770
EAN IR Quattro HD DALI 4007841 002756
EAN IR Quattro HD DIM 4007841 002787

You will find the KNX version on page 126.

Type . . . . . Presence detector
Dimensions (H x W x D) . . . . . 120 x 120 x 70 mm
Dimensions (H x W x D) AP . . . . . 120 x 120 x 65 mm
Sensor type . . . . . Passive infrared
Where to use . . . . . Indoors
Installation . . . . . Ceiling
Recommended installation height . . . . . 2.5 - 10 m
Square detection zone, presence . . . . . 8 x 8 m (64 m^2) max.
Square detection zone, radial . . . . . 8 x 8 m (64 m^2) max.
Square detection zone, tangential . . . . . 20 x 20 m (400 m^2) max.
Reach mechanically adjustable . . . . . Yes
Sensor system . . . . . 13 detection levels, 4800 switching zones
Parallel-connected configurations . . . . . Master/master, master/slave
User-friendly setting . . . . . Teach-In (with optional remote control RC8)
Response brightness . . . . . 10 – 1000 lx, ∞/daylight
Response brightness, DIM . . . . . 100 – 1000 lx, ∞/daylight
IP rating IP20
IP rating with AP Box IP54
Protection class II
Temperature range . . . . . -25 to +55°C
Enclosure . . . . . UV-resistant, paintable

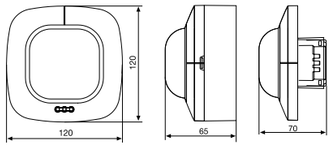
For information on the interfaces, please turn to page 112.

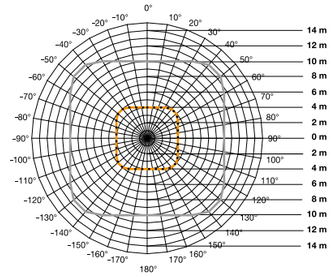
Accessories

EAN user remote control RC5 . . . . . 4007841 592806
EAN service remote control RC8 . . . . . 4007841 559410
EAN surface-mounting adapter, Control PRO AP Box. . . . 4007841 000363
EAN guard cage 4007841 003036

Refer to the 'Accessories' section for further information.

Surface-mounting version (AP)





IR Quattro HD detection zone
Installed height 2.80 m
grey = tangentially
orange = radially
black = presence

4 pyros with DSP (Digital Signal Processing)

Optional remote controls refer to page 300

Optional surface-mounting adapter (IP54, KNX) refer to page 300

Optional guard cage refer to page 300