STEINEL ultrasonic technology.
The USA standard.

DualTech

CONTROL
PRO
SYSTEM

	DualTech	US 360	Dual US	Single US
Indoors	•	•	•	•
COM1	•	•	•	•
COM2	•	•	•	•
DIM	•	•	•	•
Sensor	Ultrasonic + PIR	Ultrasonic	Ultrasonic	Ultrasonic
Installation height	2.5–3.5 m	2.5–3.5 m	2.5–3.5 m	2.5–3.5 m
Detection zones	Presence: Ø6 m	Presence: Ø6 m	Radial: 3x20 m max. Tangential: 3x20 m max.	Radial: 3x10 m max. Tangential: 3x10 m max.
Page	104	106	108	110

Standard in the USA.
From STEINEL in premium quality.

We are a company that operates on the global stage. "When in Rome, do as the Romans do": this saying applies to us in a technological sense too. In the USA, for example, ultrasonic sensors define the standard. Needless to say, as innovation and technology leader, we manufacture high-end sensors on the basis of ultrasonic technology and also let all STEINEL customers benefit from the advantages this system has to offer.

The ultrasonic waves (40 kHz) are actively emitted from the sensor and completely fill the respective room. They permeate into every last corner, enveloping objects that are present in the room. The sensor identifies movement in the room even if there is no visual contact between sensor and person. The signal is evaluated on the basis of the Doppler principle. It is this that makes ultrasonic sensors ideal for open-plan offices and rooms with stud walls. Ultrasonic waves do not penetrate thin walls and are highly sensitive. And therefore particularly recommended for rooms in which sedentary activities are performed.

Single US

The ideal sensor for small corridors.

Simple tasks demand simple answers. This is demonstrated by our Single US 180° ultrasonic sensor. Correctly aligned, it detects any movement in corridors and passageways of up to 10 metres in length – even it they take place behind objects. Movements in adjacent rooms, however, are not detected. This means the sensor only switches light on when it's really needed.

ultrasonic
sensor 180°

3 x 10 m

2000w
max.

DIM
1 - 10V

indoor
sensor

2.5 - 3.5 m

10 - 1000 lux

TEACH
mode

iQ
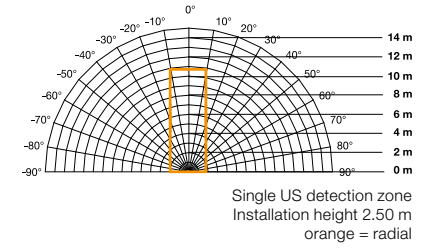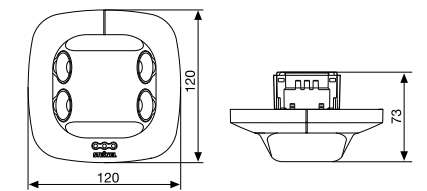IQ-mode

energy
saving

functional
warranty

CONTROL
PRO
SYSTEM

EAN Single US COM1 . . . . 4007841 007966
EAN Single US COM2 . . . . 4007841 007973
EAN Single US DIM 4007841 007980
Type . . . . Presence detector
Dimensions (H x W x D) . . . . 120 x 120 x 73 mm
Power supply . . . . 220–240 V, 50/60 Hz
Sensor type . . . . Ultrasonic 40 kHz
Where to use . . . . Indoors
Installation . . . . Ceiling
Recommended installation height . . . . 2.5 - 3.5 m
Angle of coverage . . . . Corridor, one direction
Reach . . . . 3 x 10 m
Parallel-connected configurations . . . . Yes
User-friendly setting . . . . Teach-In (via optional remote control RC 8)
Response brightness . . . . 10 - 1000 lx
Response brightness, DIM . . . . 100–1000lx, ∞/daylight
IP rating IP20
Protection class II
Temperature range . . . . - 25 to +55°C
Enclosure . . . . UV-resistant plastic, 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 AP Box 4007841 000363
EAN guard cage 4007841 003036

Single US detection zone
Installation height 2.50 m
orange = radial