

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 | 2.5–3.5m | 2.5–3.5m | 2.5–3.5m | 2.5–3.5m |
| Detection zones | Presence: Ø6m | Presence: Ø6m | 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.

Dual US

**Watches over the entire corridor.
And can see around corners.**

Switching light on and off with maximum precision in long passageways and corridors. Because all objects can be clearly detected. Thanks to ultrasonic technology, that's not a problem for the Dual US. Installed at a height of 2.5–3.5 metres, the presence detector identifies even the smallest of movements – no matter which walking direction they come from - in a detection zone of 3x20m. But only there: the sensor reliably masks out persons in adjacent rooms. That makes it the perfect corridor sensor for office and admin buildings.

CONTROL
PRO
SYSTEM



2000w
max.

DIM
1 - 10V



TEACH
mode

iQ
IQ-mode



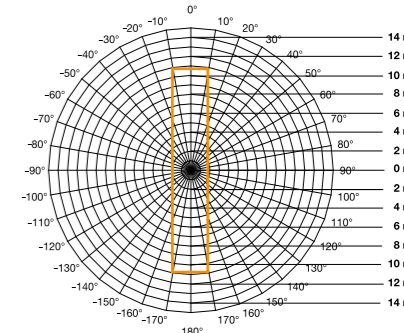
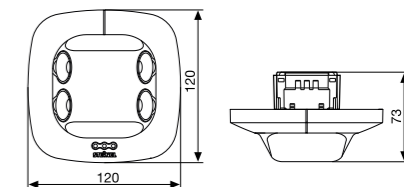
5 YEARS
functional
warranty

| | |
|---|---|
| EAN Dual US COM1 | 4007841 007843 |
| EAN Dual US COM2 | 4007841 007850 |
| EAN Dual US DIM | 4007841 007867 |
| 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 |
| Reach | 3x20m |
| 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 |



DUAL US detection zone
Installation height 2.50 m
orange = radial



Optional remote
controls refer to
page 300



Optional
surface-mounting
adapters refer to
page 300



Optional guard cage
refer to page 300

