# US Hallway DCS

## Digital Control Solution - Occupancy Sensor

Project Name:
Location:

| 69341 | 65330 | 69196 | |
|---|---|---|---|
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**US Hallway DCS Specifications**

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| Item No. | 69341 US Hallway DCS |
| Accessories | 65330 WGC wire guard cage<br>69196 DCS Controller |
| Voltage | 12 - 23 VAC (24 mA) |
| Device Equivalent | 12 |
| Sensing Technology | Ultrasonic (40 kHz) |
| Time Delay Setting | Test Mode 8 sec.<br>Normal Mode 30 sec. - 30 min.<br>IQ mode (automatic adjustment to the usage profile) |
| Light Level Setting | 10 - 1000 lux / 1 - 100 fc |
| Environment | IP20 rated, 0°C to +40°C, 32°F to +104°F |
| Ultrasonic Detection Zones: (Coverage at 2.5 m / 9 ft) | max. 2 x 20 m (40 sq.m.)<br>max. 6.5 x 65 ft (422.5 sq.ft.)<br>min. 2 x 5 m (10 sq.m.)<br>min. 6.5 x 20 ft (130 sq.ft.) |
| Dimensions | 4.72 x 4.72 x 2.87 in, 120 x 120 x 73 mm (LxWxD) |
| Warranty | 5 years |
| Certifications | C-UL-US Listed, RoHS compliant,<br>UL 2043 Plenum Rated, CA Energy Code compliant |

The US Hallway DCS is a digital (40kHz) ultrasonic technology occupancy sensor that utilizes STEINEL's state-of-the-art ultrasonic signal processing to provide superior stable volumetric bidirectional detection. The unique linear bidirectional coverage pattern is engineered specifically for hallways and applications requiring a true linear volumetric pattern of detection. This is an ideal hallway sensor for design and retrofit applications.

Lighting loads are controlled in relation to both presence detection and selectable ambient light levels with the integrated photocell to maximize energy savings. The convenient polarity insensitive data line bus enables multiple sensors, photo sensors and switches to link together providing convenient code compliant solutions. Mounting options provide for 4" square box, 4" octagon box, round 3.0 mud-ring or directly to the ceiling with quick mount spring tabs.

The Digital Control Solution (DCS) group of sensors are available in multiple technologies for the control of heating, ventilation and air condition as well as lighting. Time saving wireless commissioning is accomplished via Bluetooth connection from a Smart Phone or Tablet to a DCS Controller, which communicates to the sensor by the 2 wire bus.

### Applications

The typical best practice applications for the US Hallway sensors are: Hallways, tunnel walkways, sky walks, etc.

### Key Features:

- Low voltage (12-23 V) digital sensor for use with a DCS Controller
- Bidirectional ultrasonic (40 kHz) occupancy sensor
- Wireless configuration via Steinel App
- Integrated photo cell for daylight harvesting
- Polarity insensitive 2 wire bus
- Mounts to a 4" square box, 4" octagon box, round 3.0 mud-ring or directly to the ceiling with quick mount spring tabs
- IQ Mode dynamically adjusts the 'ON' time delay by learning individual room occupancy

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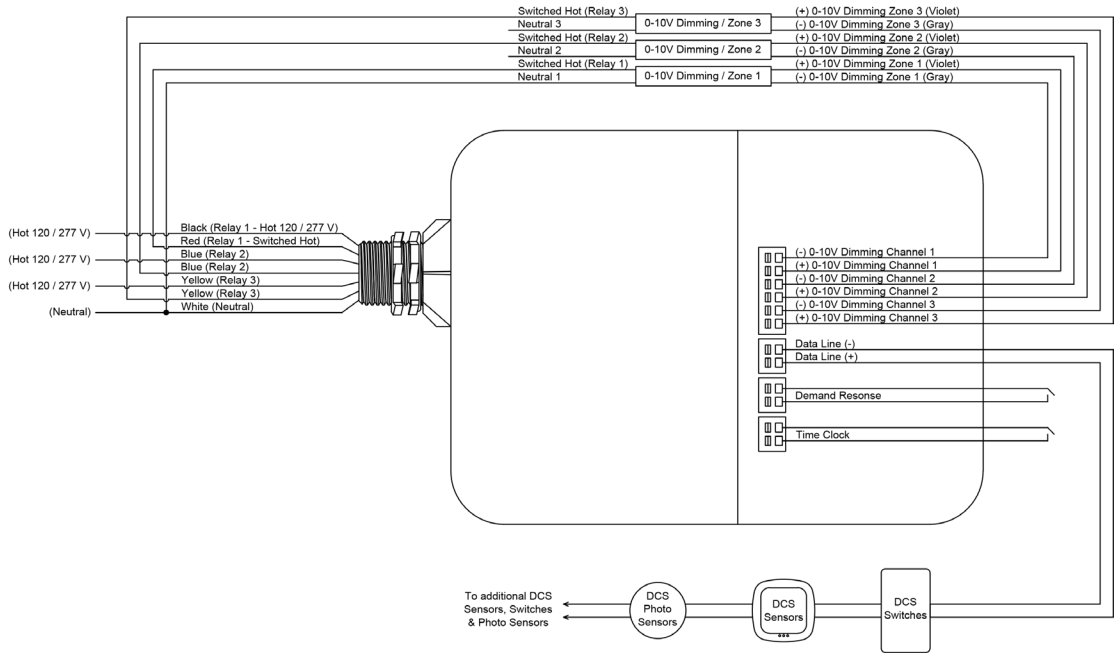
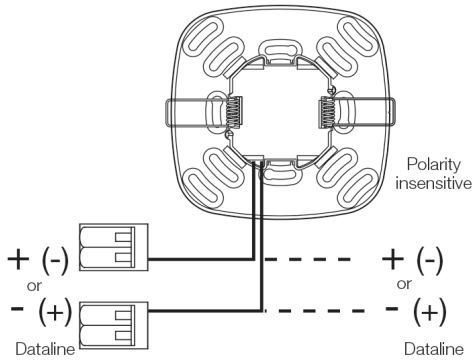
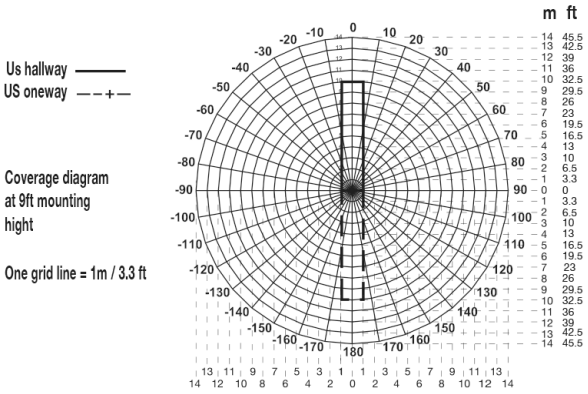
### Wiring

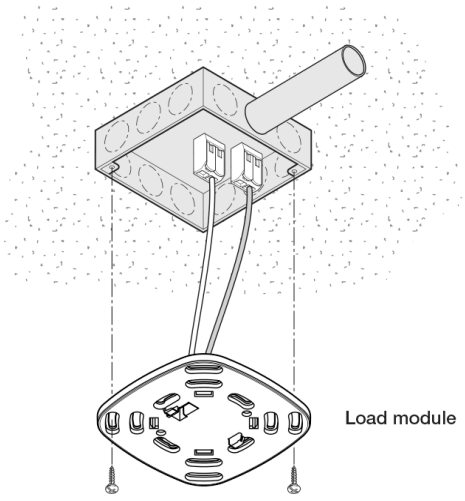
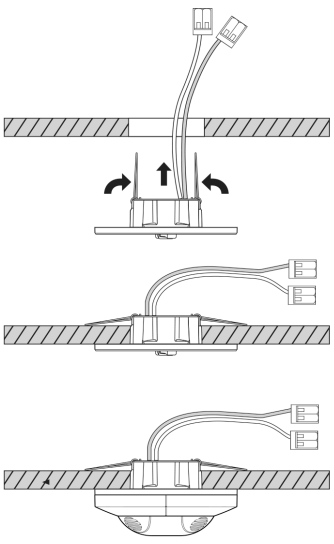
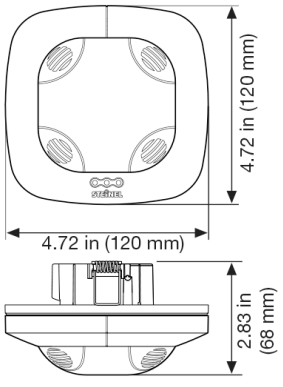



### Settings




### Coverage




### Mounting