

SSW-102-EL

Room Availability Hallway Sign, Wall Mount, Enhanced Legibility, Includes Custom Engraving



- Provides an enhanced indication of a room's availability that is clearly visible and legible from 150 ft (46 m)
- Stylish wall mount design with two-sided, gray acrylic sign
- Illuminates vivid green or red to clearly indicate the room availability status
- Supports RGB color mixing via custom control system programming to allow almost any color illumination
- Custom engraving allows a room name, number, or icon to be featured on the sign
- Out-of-the-box functionality available when used with a supported Crestron® touch screen
- Custom functionality available when connected to a Crestron control system
- Energy efficient at less than 2 W power consumption
- Single-wire USB or Cresnet® network connectivity
- Mounts to a 1-gang electrical box or plaster ring and projects 8.43 in. (214 mm) from wall

The SSW-102-EL hallway sign provides a clear indication of a room's availability with enhanced contrast and visibility as part of a complete Crestron® enterprise room scheduling solution. The SSW-102-EL features a stylish appearance and vivid color illumination that complements any corporate office environment. The two-sided, gray acrylic sign face illuminates bright green or red to indicate the room availability status. The sign face is custom engravable with the room number, name, icon, or other designation. The complete sign assembly mounts to the wall over a 1-gang electrical box or plaster ring.

NOTE: The SSW-102-EL is recommended for new installations. For existing SSC series installations completed prior to July 2019, refer instead to models [SSW-100](#) and [SSW-102](#). Additionally, the SSW-102-EL may be converted to an [SIW-100](#) room availability status indicator by replacing the acrylic sign face with an [SIW-ACR-100](#) acrylic indicator lens.

Room Availability Status

For room scheduling applications, the SSW-102-EL simply connects via USB to a Crestron [TSS-7](#), [TSS-10](#), [TSW-760](#), [TSW-760-NC](#), [TSW-1060](#), or [TSW-1060-NC](#) series touch screen. No special programming or configuration is required. The sign color is controlled by the room scheduling application, which runs on the touch screen and syncs with [Crestron Fusion®](#) software or another room scheduling service. The sign illuminates green when the room is available and red when the room is occupied.¹ The gray sign face allows for increased contrast and readability from a distance, making it perfect for environments with long corridors or large, open spaces.

Custom RGB Colors

For custom applications, the SSW-102-EL can be integrated with a Crestron control system and programmed to illuminate in a wide variety of colors:

- The RGB LEDs can be controlled in 10% increments per color.
- When the sign is powered by USB, any single color LED can be used at full brightness.
- When the sign is connected to a control system via a Cresnet® network connection, two color LEDs can be used at full brightness simultaneously.
- Three color mixing is possible via Cresnet if each LED is limited to 70%.
- The control system can be programmed to support all types of functionality, enabling colors to alternate, fade in and out, or blink on and off as desired.

Control system integration can be accomplished through a USB connection to a [TSW-760](#) or [TSW-1060](#) series touch screen, or through a Cresnet connection to the control system.²

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Custom Engraving

The SSW-102-EL includes an acrylic sign with custom engraving. The engraving appears on both sides of the acrylic sign face to identify the room by name, number, or a representative icon image. When illuminated, the engraving is clearly visible at a distance of 150 ft (46 m) if 1 in. fonts are used. Engraving can be changed at any time by purchasing a replacement sign face (models [SSW-ACR-100-EL](#) or [SSW-ACR-102-EL](#)). Crestron Studio® software is used to specify the engraving.

Simple Installation

The SSW-102-EL mounts to the wall over a standard 1-gang electrical box or plaster ring. Power and communications are supplied by a single USB or Cresnet cable. A 6 ft (1.83 m) USB cable is included, which connects to the touch screen mounted below the sign. Alternately, a [Cresnet cable](#) (sold separately) can be run to a control system up to 3000 ft (914 m) away. Cresnet permits multiple hallway signs to be daisy chained using a single cable.^{1,2}

Mullion Mounting Option

When a suitable wall surface is not available, the SSW-102-EL can be mounted to the mullion of an interior glass wall, window, or partition using the optional [SSW-MUMK](#) mullion mount kit (sold separately). The same kit may also be adhered directly to the glass or any other smooth surface.

Specifications

Signage

Material: Acrylic, two sided

Engraving: One or two lines per side with same text or graphical icon on each side

Illumination: Edgelit RGB LED

Functionality: Supports alternating red/green indication of room availability status when connected to a room scheduling touch screen via USB¹, supports custom RGB color mixing when connected to a control system²

Communications

USB: USB 2.0 device for connection to a [TSS-7](#), [TSS-10](#), [TSW-760](#), [TSW-760-NC](#), [TSW-1060](#), or [TSW-1060-NC](#) series touch screen¹

Cresnet: Cresnet® network slave mode²

Connectors

CNET: (1) 4-pin 3.5 mm detachable terminal block; Cresnet slave port²

USB: (1) micro USB Type B connector, female; USB 2.0 device port¹; 6 ft (1.83 m) micro B male to A male USB cable included

Controls

CNET ID: (1) Push button (behind bezel) for Cresnet TSID (touch-settable ID)

Power

USB: 1.2 W @ 5 V USB power¹

Cresnet Power Usage: 2 W @ 24 VDC

Environmental

Temperature: 41 to 113 °F (5 to 45 °C)

Humidity: 10% to 90% RH (noncondensing)

Heat Dissipation: 4 BTU/hr on USB power; 7 BTU/hr on Cresnet power

Construction

Composition: Metal bracket with replaceable gray acrylic sign face and magnetically-held gray plastic bezel

Mounting: Mounts to a 1-gang U.S. electrical box or plaster ring (optional mullion mount kit sold separately)

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Dimensions

Height: 6.41 in. (163 mm)

Width: 2.79 in. (71 mm)

Depth: 8.57 in. (218 mm)

Projects 8.43 in. (214 mm) from the mounting surface

Weight

5.7 lb (2.6 kg)

Compliance

UL® Listed for US and Canada, IC, FCC Part 15 Class B digital device

Models and Accessories

Available Models

SSW-100-EL

SSW-102-EL

Available Accessories

SIW-ACR-100

Replacement Acrylic Indicator Lens for SIW and SSW Series

SSW-ACR-100-EL

Replacement Acrylic Sign Face for SSW Series, Enhanced Legibility, without engraving

SSW-ACR-102-EL

Replacement Acrylic Sign Face for SSW Series, Enhanced Legibility, includes custom engraving

SSW-MUMK

Mullion Mount Kit for SIW and SSW Series

Notes:

1. The USB port and cable are exclusively for connection to a Crestron® TSS-7, TSS-10, TSW-760, TSW-760-NC, TSW-1060, or TSW-1060-NC series touch screen. The TSS-10, TSW-1060, and TSW-1060-NC must be powered using PoE+ (IEEE 802.3at Type 2 Class 4).
2. Control system integration can be accomplished through a USB connection to a TSW-760, TSW-760-NC, TSW-1060, or TSW-1060-NC series touch screen, or through a Cresnet® network connection to the control system. USB and Cresnet connectivity are mutually exclusive. When using USB, the touch screen must be addressable over Ethernet from the control system. Control system integration is not available when connected via USB to a TSS series touch screen.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

The specific patents that cover Crestron products are listed online at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, visit www.crestron.com/opensource.

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