

SSC-102-EL

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



- Provides an indication of a room's availability that is clearly visible and legible from 150 ft (46m)
- Stylish ceiling mount design with two-sided, gray acrylic sign
- Illuminates 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 (except white)
- 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 2.4 W power consumption
- Single-wire USB or Cresnet® network connectivity
- Mounts in a drywall or drop-tile ceiling and projects 5.18 in. (132 mm) from the ceiling
- Plenum-rated design (no backbox required)

The [SSC-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 SSC-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 into a cutout in a drywall or drop-tile ceiling.

NOTE: The SSC-102-EL is recommended for new installations. For existing SSC series installations completed prior to July 2019, refer instead to models [SSC-100](#) and [SSC-102](#).

Room Availability Status

For room scheduling applications, the SSC-102-EL connects via USB to a Crestron [TSS-770](#), [TSS-1070](#), [TSW-770](#), [TSW-770-GV](#), [TSW-1070](#), or [TSW-1070-GV](#) 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 SSC-102-EL can be integrated with a Crestron control system and programmed to illuminate in a 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.

Control system integration can be accomplished through a USB connection to a TSW-770 or TSW-1070 series touch screen, or through a Cresnet connection to the control system.²

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Custom Engraving

The SSC-102-EL includes an acrylic sign that supports 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 50 ft (15 m) if 1 in. fonts are used. Engraving can be changed at any time by purchasing a replacement sign face (models [SSC-ACR-100-EL](#) or [SSC-ACR-102-EL](#)). The SSC-102-EL supports engravings generated by [Impress Custom Engraving Software](#) or a third party.

Simple Installation

The SSC-102-EL mounts into a drywall or drop-tile ceiling through a 2.0 in. x 10.4 in. (51 mm x 264 mm) cutout using four swiveling dogs that are integrated into the unit. Power and communications are supplied by a single USB or Cresnet cable. A 15 ft (4.57 m) plenum-rated 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 3,000 ft (914 m) away. Cresnet permits multiple hallway signs to be daisy chained using a single cable.^{1,2}

Specifications

Sinage

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 USB ¹ , supports custom RGB color mixing when connected to a control system ²

Communications

USB	USB 2.0 device for connection to a TSS-770 , TSS-1070 , TSW-770 , TSW-770-GV , TSW-1070 , or TSW-1070-GV series touch screen ¹
Cresnet	Cresnet® network client mode ²

Connectors

CNET	(1) 4-pin 3.5 mm detachable terminal block; Cresnet client port ²
USB	(1) micro USB Type B connector, female; USB 2.0 device port ¹ ; Plenum-rated 15 ft (4.57 m) micro B male to A male USB cable included

Controls

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

USB	2.4 W @ 5V USB power ¹
Cresnet Power Usage	2.4 W @ 24VDC

Environmental

Temperature	41° to 113° F (5° to 45° C)
Humidity	10% to 90% RH (noncondensing)
Heat Dissipation	8 BTU/hr

Construction

Composition	Metal bracket with replaceable gray acrylic sign face and magnetically-held white plastic bezel
Mounting	Flush ceiling mount using 4 integral swiveling dogs; 2.0 in. x 10.4 in. (51 mm x 264 mm) recommended cutout; 1.5 in. (39 mm) minimum mounting depth using USB; 2.5 in. (64 mm) minimum mounting depth using Cresnet; 0.3 in. (8 mm) minimum surface thickness; 0.8 in. (20 mm) maximum surface thickness

Dimensions

Height	6.63 in. (169 mm)
Width	2.82 in. (72 mm)
Depth	11.11 in. (282 mm)

Projects 5.18 in. (132 mm) below the ceiling surface

Weight

1.5 lb (680 g)

Compliance

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

Models

SSC-100-EL

Room Availability Hallway Sign, Wall Mount, Enhanced Legibility, Without Engraving

SSC-102-EL

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

SSC-102-EL

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Available Accessories

For supported accessories, visit the SSC-102-EL product page at www.crestron.com.

Notes:

1. The USB port and cable are exclusively for connection to a Crestron® TSS-770, TSS-1070, TSW-770, TSW-770-GV, TSW-1070, or TSW-1070-GV series touch screen. The TSS-1070, TSW-1070, and TSW-1070-GV 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-770, TSW-770-GV, TSW-1070, or TSW-1070-GV 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 select authorized Crestron dealers and distributors. To find a dealer or distributor, 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 contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

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, please visit www.crestron.com/opensource.

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