SSW-100-EL-USB

Room Availability Hall Sign, Enhanced Legibility, Wall Mount with USB-C Adapter, Without Engraving



- *Provides highly-visible indication of room availability*
- *Includes a ADPT-USB-USB-RA USB-C® to USB-A adapter*
- *Compatible with TSW-70 and TSW-80 series touch screens*
- *Clearly visible at 150 ft (46 m)*
- *Custom functionality possible when connected to a Crestron® control system*
- *Mounts to a single-gang electrical box or plaster ring*
- *Illuminates green or red to indicate room availability status*

The SSW-100-EL-USB KIT includes the SSW-100-EL room availability hallway sign and the ADPT-USB-USB-RA USB-C® to USB-A adapter. Each adapter can be used to convert an existing room availability sign (SIW, SSW, or SSC series) from USB-A to USB-C for compatibility with TSW-80 touch screens.

Room Availability Status

For room scheduling applications, the SSW-100-EL-USB connects via USB to a Crestron TSW-70 or TSW-80 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.

Custom RBG Colors

For custom applications, the SSW-100-EL-USB 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-70 or TSW-80 series touch screen, or through a Cresnet connection to the control system. Connection to an 80 series touch screen requires an ADPT-USB-USB-RA (included).

Simple Installation

The SSW-100-EL-USB 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 3,000 ft (914 m) away. Cresnet permits multiple hallway signs to be daisy chained using a single cable.

Custom Engraving

The SSW-100-EL-USB includes a blank 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 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). The SSW-100-EL-USB supports engravings generated by Impress Custom Engraving Software or a third party.

Mullion Mounted Option

When a suitable wall surface is not available, the SSW-100-EL-USB 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

SSW-100-EL-USB

Indicator

Material	Acrylic, two sided
Engraving	One or two lines per side with same text or graphical icon on each side
Illumination	Edgelit RGB LED

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

SSW-100-EL-USB

Room Availability Hall Sign, Enhanced Legibility, Wall Mount with USB-C Adapter, Without Engraving

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

Communications

USB	USB 2.0 device for connection to a TSW-70 or TSW-80 touch screen
Cresnet	Cresnet® network client mode

Connectors

USB	(1) micro USB Type B connector, female; USB 2.0 device port; 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)

Power

USB	2.4 W @ 5V USB power
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	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

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

ADPT-USB-USB-RA-5

Length	6.00 in. (152 mm)

Model

SSW-100-EL-USB KIT
Room Availability Hall Sign, Enhanced Legibility, Wall Mount with USB-C Adapter, Without Engraving

Included Accessories

SSW-100-EL
Room Availability Hall Sign, Enhanced Legibility, Without Engraving

ADPT-USB-USB-RA-5
USB-C® Angled Male to USB-A Female Adapter for TSW-80 Series, 5 Pack

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 original language version of this document is U.S. English. All other languages are a translation of the original document.

The product warranty can be found at www.crestron.com/warranty.

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

This product is licensed under the Crestron Software End-User License Agreement, available at www.crestron.com/Legal/software-license-agreement/Crestron-Software-End-User-License-Agreement.

Certain Crestron products collect information that may include personal data. For further details regarding those Crestron products that collect, process, and transmit information directly to Crestron via the internet, refer to the Crestron Privacy Statement Regarding Internet Data Collection, located at www.crestron.com/legal-data-collection-privacy.

Crestron, the Crestron logo, Cresnet, and Crestron Fusion, are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. USB-C and USB Type-C are either trademarks or registered trademarks of USB Implementers Forum, Inc. in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography.

Specifications are subject to change without notice.

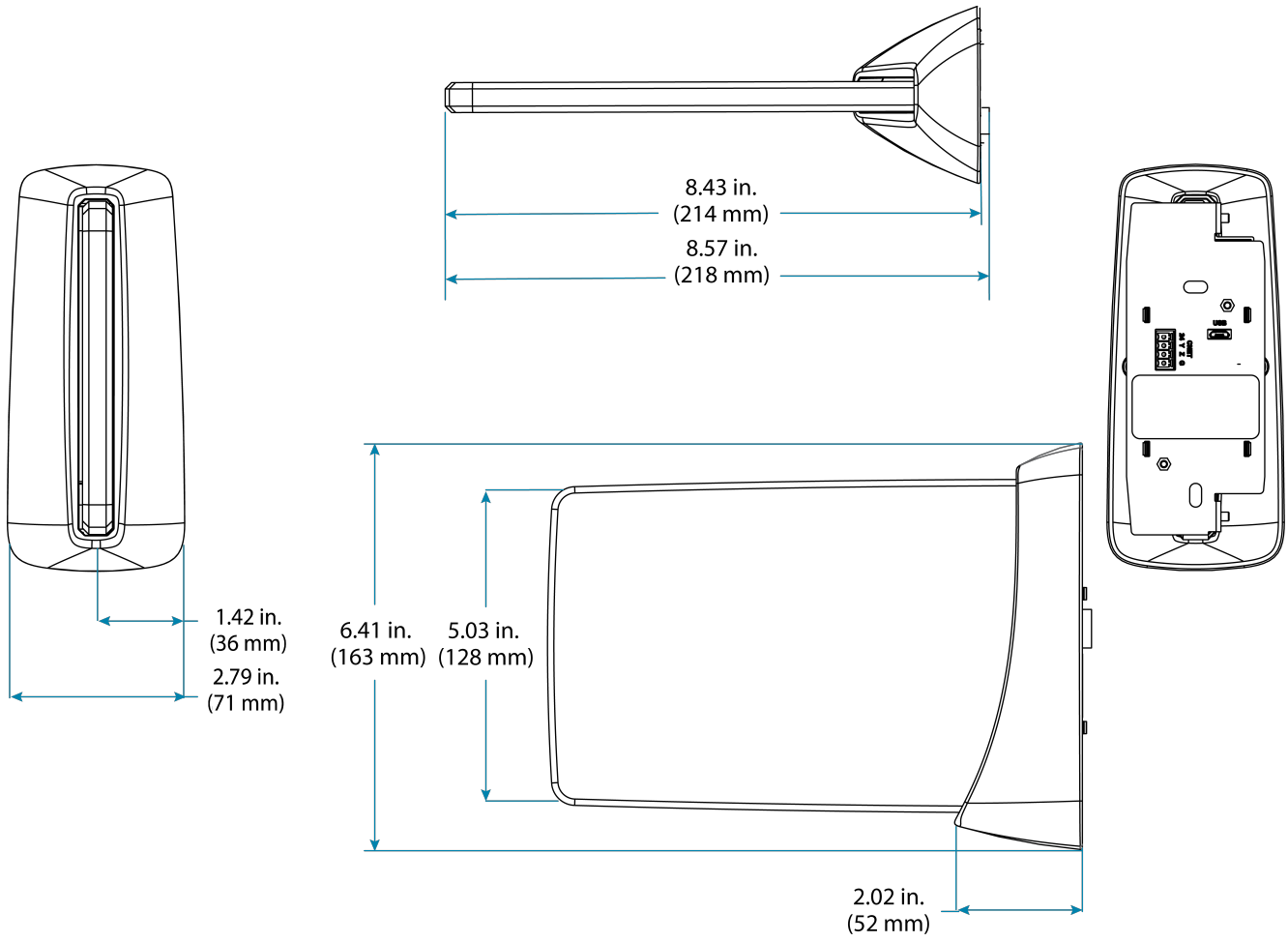
©2026 Crestron Electronics, Inc.

Rev 06/12/26

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

SSW-100-EL-USB

Room Availability Hall Sign, Enhanced Legibility, Wall Mount with USB-C Adapter, Without Engraving



Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041