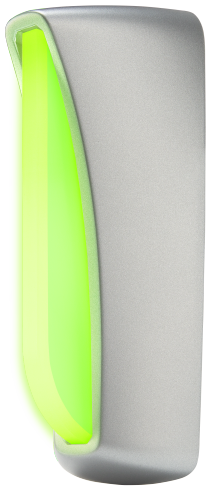
SIW-100-USB

Room Availability Status Indicator, Wall Mount with USB-C Adapter



- *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 50 ft (15 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 SIW-100-USB KIT includes the SIW-100 room availability status indicator 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 SIW-100-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 SIW-100-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 SIW-100-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.

Mullion Mounted Option

When a suitable wall surface is not available, the SIW-100-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

SIW-100-USB

Indicator

Material	Acrylic
Illumination	Edgelit RGB LED
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

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

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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 acrylic lens 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	2.16 in (55 mm)

Projects 2 in. (52 mm) from the mounting surface

ADPT-USB-USB-RA-5

Length	6.00 in. (152 mm)

Model

SIW-100-USB KIT
Room Availability Status Indicator, Wall Mount with USB-C Adapter

Included Accessories

SIW-100
Room Availability Status Indicator, Wall Mount

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.

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15 Volvo Drive | Rockleigh, NJ 07647
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