

SIW-100

Room Availability Status Indicator, Wall Mount



- Provides indication of room availability that is clearly visible from 50 ft (15 m)
- Stylish wall mount design with clear acrylic lens
- Out-of-the-box functionality when used with a TSS-770, TSS-1070, TSW-770(-GV), or TSW-1070(-GV) series touch screen
- Illuminates green or red to clearly indicate the room availability status
- Supports RGB color mixing via custom control system programming to enable virtually any color illumination (except white)
- 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 single-gang electrical box or plaster ring
- Mullion mounting kit available separately
- Projects 2 in. (52 mm) from the wall

The [SIW-100](#) 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 SIW-100 features a stylish appearance and vivid color illumination that complements any corporate office environment. The clear acrylic lens illuminates green or red to indicate room availability. The complete sign assembly mounts to the wall over a 1-gang electrical box or plaster ring.

Room Availability Status

For room scheduling applications, the SIW-100 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

Custom RGB Colors

For custom applications, the SIW-100 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 TSS-770, TSS-1070, TSW-770, TSW-770-GV, TSW-1070, or TSW-1070-GV series touch screen, or through a Cresnet connection to the control system.²

Simple Installation

The SIW-100 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.^{1,2}

Mullion Mounting Option

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

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Material	Acrylic, two sided
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

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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 ; 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)
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Power

USB	1.2 W @ 5V USB power ¹
Cresnet Power Usage	2 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 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)

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

Weight

1.0 lb (454 g)

Compliance

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

Model

SIW-100

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Available Accessories

For supported accessories, visit the SIW-100 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.

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