SECTION 27 41 16

INTEGRATED AUDIO-VIDEO SYSTEMS AND EQUIPMENT

GUIDE SPECIFICATION

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Specifier: Please see PART 4 for a listing of products specified in this Guide Specification.

Table of Contents

1 GENERAL 3

2 PRODUCTS 3

2.1 Desk Scheduling Status Indicator 3

2.1.1 Basis of Design 3

2.1.2 Device Definition 3

2.1.3 Device Architecture 3

2.1.4 Functions 4

2.1.5 Connectors 5

2.1.6 Controls and Indicators 5

2.1.7 Power 5

2.1.8 Compliance 5

3 EXECUTION 5

4 APPENDICES 5

4.1 SPECIFIED PRODUCTS 5

4.1.1 Crestron DSS-100 5

# GENERAL

NOT USED in this Guide Specification. Specifier shall Specify PART 1 administrative and procedural requirements as needed.

# PRODUCTS

## Desk Scheduling Status Indicator

Specifier Note:

*The DSS-100 desk scheduling indicator is designed to enhance and simplify desk scheduling across an enterprise. The DSS-100 installs on the underside of a desk or similar mounting surface, providing a clear indication of the desk availability via its integrated tricolor LEDs. Custom scheduling placards are generated and installed into the DSS-100, which include a unique QR code linking directly to the desk schedule and reservation functions. The DSS-100 also integrates seamlessly with a variety of popular third-party scheduling partners via the XiO Cloud® provisioning and management service.*

### Basis of Design

#### Crestron DSS-100

### Device Definition

#### Desk Scheduling Status Indicator with the following capabilities:

##### Support for third-party scheduling software via cloud-based device provisioning, monitoring, and management service by same manufacturer

##### Device setup via mobile application by same manufacturer

##### Support for cloud-based device provisioning, monitoring, and management software by same manufacturer

##### Integrated LED ring for visual indication of desk availability

##### Single-wire USB power

##### Support for custom scheduling placards with QR code link to scheduling and reservation service

##### Wi-Fi connectivity

##### Support for freestanding or under-desk installation

### Device Architecture

#### Construction

##### Housing: PC/ABS, black textured

##### Mounting: Mounts to the underside of a desk using included fasteners or freestanding placement on desk surface

#### Dimensions

##### Height: 1.68 in. (43 mm)

##### Width: 3.00 in. (76 mm)

##### Depth: 1.90 in. (48 mm)

#### Weight: 2.1 oz (60 g)

#### Environmental Operating Conditions

##### Temperature: 41° to 104° F (5° to 40° C)

##### Humidity: 10% to 95% RH (noncondensing)

### Functions

#### Scheduling Support

##### Third-party Partners: Includes support for various third-party scheduling partners via cloud-based device provisioning, monitoring, and management software by same manufacturer

Specifier Note:

*Refer to device firmware release notes for a list of all supported scheduling partners. Additional subscriptions and/or licenses may be required. Refer to each partner’s website for details about the capabilities and requirements of its scheduling services. The DSS-100 supports only one partner at a time, which is selected using the XiO Cloud® service. Only the partners approved by Crestron are compatible with the DSS-100. The DSS-100 cannot be interfaced with a control system and cannot be custom programmed for any other functionality. A Wi-Fi® network connection is required.*

#### Wireless Communications

##### Transceiver: IEEE 802.11b/g/n Wi-Fi® communications (2.4 2-way RF), dynamic IP via DHCP

##### Security: 64 and 128-bit WPA2 PSK with TKIP and AES

##### Range: Up to 123 ft (37.5 m)

Specifier Note:

*Wireless range subject to site specifications.*

##### Bluetooth® Communications: Bluetooth 4.2 (BLE); for connection to mobile setup application by same manufacturer

### Connectors

#### USB C: (1) USB Type-C® connector, female; USB 2.0 device port (power only)

### Controls and Indicators

#### Pin Hole

##### (1) Recessed pin hole

##### Initiates factory restore, demo mode, diagnostic mode, and firmware upgrade via press-and-hold sequences

#### LED Ring

##### (1) Tricolor LED ring

##### LEDs can illuminate solidly, flash, or breathe based on implementation by the third-party scheduling partner

### Power

#### 3.5 W @ 5V USB power

### Compliance

#### Regulatory Model: M202301001

#### FCC Part 15 Class B, IC Class B, CE, UL® Listed for US and Canada

# EXECUTION

NOT USED in this Guide Specification. Specifier shall Specify PART 3 On-Site work as needed.

# APPENDICES

## SPECIFIED PRODUCTS

Specifier Note: This Article includes Crestron products specified in this Guide Specification document. This Article is for reference only and should not be required in actual project manual unless included in an overall system equipment list.

### Crestron DSS-100