**SECTION 27 41 16**

**INTEGRATED AUDIO-VIDEO SYSTEMS AND EQUIPMENT**

**GUIDE SPECIFICATION**

*Specifier: The Specifier/Design Professional is responsible for the accuracy of all project specifications, including system application and coordination with related sections. This guide specification is provided as a convenience and requires editing to match actual project requirements. CRESTRON ELECTRONICS, INC. SHALL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF THE USE OF ANY OF ITS GUIDE SPECIFICATIONS. For Crestron design assistance and design review please contact Sales Support Services Department at 800.237.2041 or techsales@crestron.com.*

*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 Scheduling Touch Screen Interface 3

2.1.1 Basis of Design Scheduling Touch Screen UI: 3

2.1.2 Device Functional Elements: 3

2.1.3 Graphical Display: 3

2.1.4 Touch UI Functions: 3

2.1.5 Features and Capabilities: 3

2.1.6 Communication and Power: 4

2.1.7 Physical: 4

**3 EXECUTION 4**

**4 APPENDICES 4**

4.1 SPECIFIED PRODUCTS 4

4.1.1 Crestron TSS-7 4

4.1.2 Crestron TSS-10 4

# **GENERAL**

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

# **PRODUCTS**

## **Scheduling Touch Screen Interface**

### Basis of Design Scheduling Touch Screen UI:

*Specifier Note: Please see system drawings or equipment lists for specified model and quantity.*

#### Crestron TSS-7

#### Crestron TSS-10

### Device Functional Elements:

#### Graphical touch video display

#### Ambient light sensor

#### Built-In camera

*For future use.*

#### Built-in speakers

#### Built-in bluetooth device proximity beacon

### Graphical Display:

#### Graphical UI - Touch screen UI display shall support the following viewable elements:

##### Control buttons and objects

##### Feedback indication via text, button object change in color, animated object or graphical element.

##### Supported scheduling service or application GUI

#### Brightness Control - Graphical UI shall automatically adjust screen brightness based on room ambient light levels.

### Touch UI Functions:

#### Touch Screen UI shall support schedule controls and navigation.

#### Touch Screen UI shall support schedule information through graphics as supported by scheduling App.

### Features and Capabilities:

#### Status light bar integration capability.

#### Audio feedback as supported by scheduling App

#### Multi-Language support

#### Schedule navigation and interaction support.

*Specifier Note: Internet access required and to be provided by integrator.*

#### Scheduling Application support for: Crestron Fusion, Microsoft Exchange (for users of Outlook® and Office 365), Google Calendar (including G Suite), Teem, Robin, and EMS Software.

*Specifier Note: Internet access required and to be provided by integrator.*

### Communication and Power:

#### Communication: Bidirectional 10/100 Mbps Ethernet communication.

#### Power: IEEE 803.2at Type 2 compliant PoE+ PD (Powered Device)

### Physical:

#### Touch Screen UI shall be available in the following sizes:

##### 7 inch TFT active-matrix color LCD touch screen 1024 by 600 WSVGA resolution display.

*Specifier Note: 7 inch version: Crestron TSS-7*

##### 10.1 inch TFT active-matrix color LCD touch screen 1280 by 800 WXGA resolution display.

*Specifier Note: 10.1 inch version: Crestron TSS-10*

#### Wired Connection - Device shall utilize a single wired connection for power and data communication.

#### USB 2.0 Host connection for optional room availibility sign by same manufacturer.

# **EXECUTION**

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

# **APPENDICES**

## **SPECIFIED PRODUCTS**

### Crestron TSS-7

### Crestron TSS-10