**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.*

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# **GENERAL**

## **UNIFIED COMMUNICATIONS AND COLLABORATION SYSTEMS**

### Wall Mounted System

## **RELATED REQUIREMENTS**

### Section 27 15 00 - Communications Horizontal Cabling

### Section 27 41 00 - Audio-Video Systems

# **PRODUCTS**

## **UC SYSTEM**

### Wall Mounted System

#### Basis of Design Wall Mounted UC System

*Specifier Note:*

*UC-B30-T*

*The Crestron Flex UC-B30-T system provides a video conference room solution for use with the Microsoft Teams Rooms intelligent communications platform. It supports a single video display1 and features a 10.1 in. touch screen (TS-1070-B-S), UC Bracket Assembly (UC-BRKT-200-S-T-ASSY), and Crestron UC video conference smart soundbar & camera (UC-SB1-CAM-FLEX).*

*https://www.crestron.com/Products/Workspace-Solutions/Unified-Communications/Crestron-Flex-Wall-Mount-Conferencing-Systems/UC-B30-T*

*UC-B30-Z*

*The Crestron Flex UC-B30-Z system provides a video conference room solution for use with Zoom Rooms software. It supports a single video display1 and features a 10.1 in. touch screen (TS-1070-B-S), UC Bracket Assembly (UC-BRKT-200-S-Z-ASSY), and Crestron UC video conference smart soundbar & camera (UC-SB1-CAM-FLEX).*

*https://www.crestron.com/Products/Workspace-Solutions/Unified-Communications/Crestron-Flex-Wall-Mount-Conferencing-Systems/UC-B30-Z*

##### Crestron UC-B30-T

##### Crestron UC-B30-Z

#### See AV System Drawings for equipment and device connection details.

*Specifier Note:*

*See example AV System Drawings for UC-B Series.*

*https://support.crestron.com/app/answers/detail/a\_id/1000624/kw/1000624*

#### System - The UC System shall be composed of the following components:

##### UC Engine

###### The UC engine shall support:

Single display operation

*Specifier Note:*

*The UC-B30-T/Z support single display operation only.*

###### HDMI content support - UC system shall support wired HDMI connection for external presentation source.

##### Operating System

###### UC System shall be available in Microsoft Teams or Zoom versions.

*Specifier Note:*

*Choose UC-B30-T for native Microsoft Teams or UC-B30-Z for native Zoom Rooms.*

##### User Interface

###### The wall mounted system shall include a tabletop touch screen.

##### Audio and Camera

###### The wall mounted system shall include a speaker bar with integrated microphone and camera.

##### Display System

###### Video Display

Display Device

In room video display devices - Display equipment shall have the capability of viewing room UC content via an HDMI input connection.

*Specifier Note: Specify Display here. The room shall include video display device(s) that are compatible with the specified Crestron UC engine.*

# **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 UC-B30-T

### Crestron UC-B30-Z