**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 SYSTEM**

### Integrator System

# **PRODUCTS**

## **UC SYSTEM**

### Integrator System

#### Basis of Design Integrator UC System

*Specifier Note:*

*UC-C100-T*

*The Crestron Flex UC-C100-T system provides a customizable 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) and UC Bracket Assembly (UC-BRKT-200-S-T-ASSY).*

*Shure IntelliMix® Room audio DSP software has official certification for Microsoft Teams® software, paired with the Crestron Flex UC-C100-T Video Conference System Integrator Kit.*

*https://www.crestron.com/Products/Workspace-Solutions/Unified-Communications/Crestron-Flex-Integrator-Kits/UC-C100-T*

*UC-C100-Z*

*The Crestron Flex UC-C100-Z system provides a customizable 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) and UC Bracket Assembly (UC-BRKT-200-S-Z-ASSY).*

*https://www.crestron.com/Products/Workspace-Solutions/Unified-Communications/Crestron-Flex-Integrator-Kits/UC-C100-Z*

##### Crestron UC-C100-Z

##### Crestron UC-C100-T

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

*Specifier Note:*

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

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

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

*Specifier Note:*

*The UC-C100-T and UC-C100-Z are composed of the following key components: UC Engine with Operating System, and User Interface. The camera, Display and any other components shall be provided by others.*

##### UC Engine

*Specifier Note:*

*The UC-C140-(T/Z) supports a single display.*

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

Single display operation

*Specifier Note:*

*The UC-C100 series supports a single display.*

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

##### Operating System

*Specifier Note:*

*The UC-C100-T series is a native configured Microsoft Teams integrator system.*

*The UC-C100-Z series is a native configured Zoom integrator system.*

###### Microsoft Edition

###### Zoom Edition

##### User Interface

###### The system shall include an integrated touch screen with tabletop kit.

##### Audio and Camera

###### The integrator system shall include the user interface and UC engine to be integrated with a custom system including speaker, 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 Displays 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-C100-T

### Crestron UC-C100-Z