**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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# **Products**

## **Basis of Design HD Scaling Auto-Switcher and Extender**

### Crestron HDI-MD-400-C-E

### Crestron HD-MD-400-C-E

## **Components of HD Scaling Auto-Switcher and Extender**

### Type 1 Kit

#### Crestron HD-MD-400-C-E

##### HD-RX-201-C-E

##### HD-TX-301-C-E

### Type 2 Kit

#### Crestron HDI-MD-400-C-E

##### HD-TX-301-C-2G-E

##### HD-RX-201-C-E

## **HD Scaling Auto-Switcher and Extender**

### The transmitter shall meet the following minimum requirements:

#### One (1) analog stereo audio input:

##### (1) 3.5mm TRS (L/R unbalanced)

#### One (1) DB15 input:

##### Component (YPbPr)

##### RGB

#### One (1) HDMI video, audio input:

##### Supports DisplayPort Dual-Mode

##### Supports Dolby Digital, Dolby Digital EX, DTS, DTS-ES, DTS 96/24, LPCM up to 8 channels

##### Supports DVI-D with adaptor

##### Supports HDMI

#### Power supply modes:

##### Local or remote DC power source.

##### Remote power supplied by opposite end of TX/RX pair.

#### Single UTP/STP cable transmission connection

##### Signal transmission up to 230 feet.

##### Supports CAT5e.

### The receiver shall meet the following minimum requirements:

#### Ethernet Port

##### One (1) 8-wire RJ-45

###### 10/100 Mbps, auto-switching, auto negotiating, auto-discovery, full/half duplex, DHCP

#### HDMI digital video, audio, and control output:

##### One (1) 19-pin Type A HDMI female connector

#### HDMI digital video and audio input:

##### One (1) 19-pin Type A HDMI female connector

#### Auto Source Switching

#### Supports HDCP

#### HDMI audio Support: Dolby Digital, Dolby Digital EX, DTS, DTS-ES, DTS 96/24, LPCM up to 8 channels

#### Stereo analog audio output

#### CEC device control.

#### RS-232 control