

# HD-CONV-USB-250

## AV and HDMI® over CAT5 to USB Converter



- Captures uncompressed HD 1080p60 video and stereo audio over CAT5e or better cable
- Converts uncompressed HD 1080p60 video and stereo audio to USB 3.0 output
- Near-zero latency
- Compact surface mountable housing

The HD-CONV-USB-250 is an AV and HDMI® over CAT5 to USB Converter that is part of a Crestron Flex UC Video Conference System with Bring Your Own Device (BYOD) capabilities.

The HD-CONV-USB-250 captures uncompressed HD 1080p60 video with stereo audio and converts it pixel-for-pixel to USB 3.0. Upon connection, the converter and source are automatically recognized by the video conference system without requiring any configuration or driver installation.

### Specifications

#### Video

Input Signal Type	HDMI over CAT5 <sup>1</sup>
Output Signal Type	USB 3.0 supporting UVC
Input/Output Resolution	HD 1080p @ 60 fps
Output Color Space	YUY2 4:2:2

#### Audio

Input Signal Types	HDMI over CAT5 <sup>1</sup>
Output Signal Types	USB 3.0 supporting UAC
Format	Stereo 2-channel PCM
Bitrate	16-bit 48 kHz

#### Communications

USB	USB 3.0 Type A device supporting USB HID, UVC, & UAC; USB 3.0 Type B device supporting USB HID, UVC, & UAC
HDMI over CAT5 <sup>1</sup>	HDCP, EDID, Ethernet

#### Connectors

RX IN	(1) 8-pin RJ-45 female, shielded;
USB	(2) USB 3.0 Type-B connectors, female; (1) USB 3.0 Type-A connector, female
PWR	24 VDC, 1.25 A, 2.1 mm
G	(1) 6-32 screw; Chassis ground lug

#### Indicators

PWR	(1) Green LED, indicates operating power supplied via PSU
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#### Power

24 VDC via external 100-240 VAC, 50/60 Hz power pack, model [PW-2412WU](#) (included with devices containing the HD-CONV-USB-250)

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### Environmental

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**Temperature** 32° to 104° F (0° to 40° C)

**Humidity** 10% to 90% RH (non-condensing)

### Construction

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**Housing** Aluminum, black

**Mounting** Freestanding or surface mount (mounting brackets included)

### Dimensions

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**Height** 1.01 in. (26 mm), 1.09 in. (28 mm) with mounting brackets

**Width** 4.55 in. (116 mm), 5.20 in. (132 mm) with mounting brackets

**Depth** 7.15 in. (182 mm)

### Compliance

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CE, IC, FCC Part 15 Class B digital device

#### Note:

1. CAT5e or better.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to [www.crestron.com/warranty](http://www.crestron.com/warranty) for full details.

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## HDMI

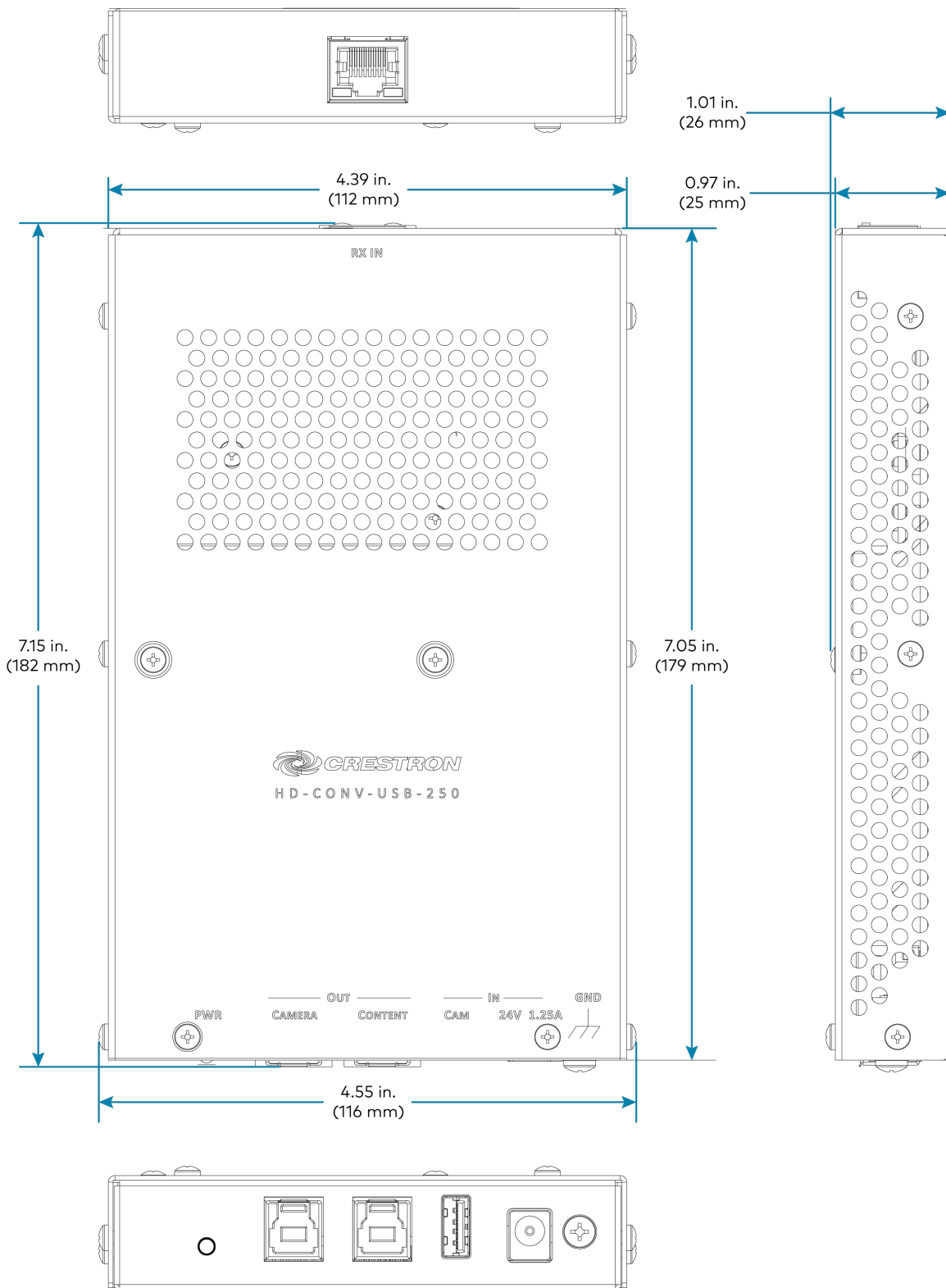
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