

USB-C HD 101

USB-C TO HDMI INTERFACE



18 Gbps
4K/60 4:4:4

4K/UHD

EVERLAST
POWER SUPPLIES

The Extron USB-C HD 101 converts USB-C® signals to HDMI while providing up to 60 watts of power to the USB-C source device. It supports USB-C Alt Mode video resolutions up to 4K/60 for use by any AV device or system with an HDMI input.

- ▶ Connects USB-C® sources that support DisplayPort Alt Mode to AV systems with HDMI inputs
- ▶ Provides up to 60 watts of power to the USB-C source
- ▶ Supports computer and video resolutions up to 4K/60 @ 4:4:4
- ▶ HDCP 2.3 compliant
- ▶ Internal Extron Everlast™ power supply
- ▶ Patented ZipClip® 200 mounting kit included

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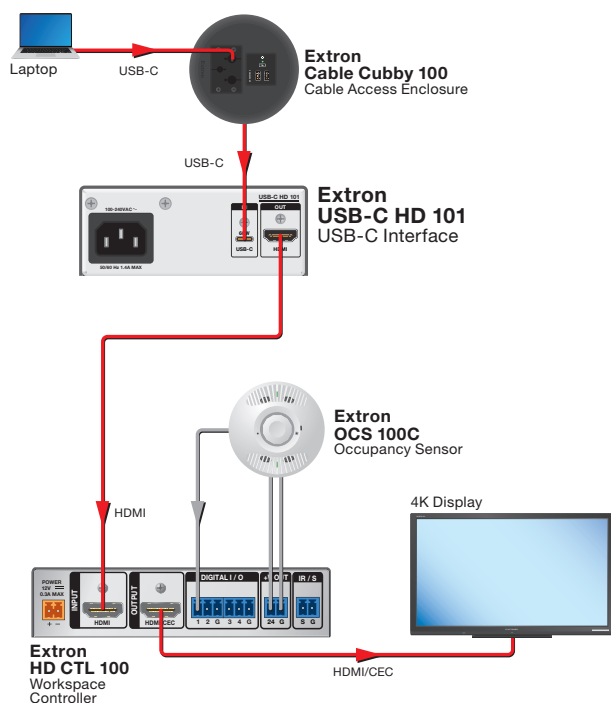
DESCRIPTION

The Extron **USB-C HD 101** converts USB-C signals to HDMI while providing up to 60 watts of power to the USB-C source device. It supports USB-C Alt Mode video resolutions up to 4K/60 for use by any AV device or system with an HDMI input. It provides an easy way to add a USB-C device to an existing AV system. The internal Extron Everlast™ power supply uses USB Power Delivery to provide power and charging capabilities to a source laptop. For convenient mounting, the unit can be located within furniture or under a table using the included ZipClip 200 mounting accessory. The compact one-quarter rack width metal enclosure can also mount in an equipment rack with an optional rack mounting shelf.

KEY FEATURES

- ▶ Connects USB-C® sources that support DisplayPort Alt Mode to AV systems with HDMI inputs
- ▶ Provides up to 60 watts of power to the USB-C source
- ▶ Supports computer and video resolutions up to 4K/60 @ 4:4:4
- ▶ HDCP 2.3 compliant
- ▶ Internal Extron Everlast™ power supply
- ▶ Patented ZipClip® 200 mounting kit included

APPLICATION DIAGRAM



SPECIFICATIONS

TRUE 4K SPECIFICATION

Max 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max Bit Depth per Color
4096 x 2160 at 60 Hz 3840 x 2160 at 60 Hz 4096 x 2160 at 30 Hz 3840 x 2160 at 30 Hz	4:4:4	8 bit
Frame rate ¹		
24, 25, 30, 50, or 60 fps		
Chroma sampling ¹		
4:4:4, 4:2:2, 4:2:0		
Color bit depth ¹		
8, 10, or 12 bits per color		
Signal type		
HDMI 2.0b, HDCP 2.3		
Max. video data rate		
18 Gbps (6.0 Gbps per color)		
NOTE: ¹ Subject to the maximum data rate limit. Use our calculator at http://www.extron.com/8Kdata to determine video parameters supported by this data rate.		

VIDEO		
Maximum data rate	18 Gbps (6 Gbps per color)	
Maximum pixel clock	600 Mhz	
Resolution range	Up to 4K (4096 x 2160) @60 Hz 4:4:4, UHD (3840 x 2160) @60 Hz 4:4:4	
Standards	DVI 1.0, HDMI 2.0b, HDMI 1.4a, HDCP 2.3, HDCP 1.4	
VIDEO INPUT		
Number/signal type	1 DisplayPort (Alt Mode)	
Connector	Female USB-C	
Input cable length	Up to 12' (3.7 m)	
VIDEO OUTPUT		
Number/signal type	1 HDMI	
Output power for active cables	1.1 W max. for the HDMI port	
Output cable length	Up to 12' (3.7 m)	
GENERAL		
Power supply	Internal Input: 100-240 VAC, 50-60 Hz	
Power output	5 VDC @ up to 3A, 9 VDC @ up to 3A, 15VDC @ up to 3A, or 20VDC @ up to 3A. 60 Total Watts	
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing	
Thermal dissipation	Device	
	30.7 BTU/Hr	
Enclosure type	Metal	
Enclosure dimensions	1.7" H x 4.3" W x 3.0" D (1U high, one quarter rack wide) (4.3cm H x 10.9cm W x 7.6cm D) (Excludes power cords)	
Product weight	0.1 lbs (0.05 kg)	
Regulatory compliance	CE, c-UL, UL, C-Tick, FCC Class A, ICES, VCCI, AS/NZS, RoHS, WEEE	
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part number
USB-C HD 101	USB-C to HDMI Interface	60-1883-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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