

## Specifications

### USB-C HD 101

#### TRUE 4K specification

Max. 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096 x 2160 at 60 Hz	4:4:4	8 bit
3840 x 2160 at 60 Hz		
4096 x 2160 at 30 Hz	4:4:4	8 bit
3840 x 2160 at 30 Hz		

Frame rate<sup>1</sup> ..... 24, 25, 30, 50, or 60 fps  
 Chroma sampling<sup>1</sup> ..... 4:4:4, 4:2:2, 4:2:0  
 Color bit depth<sup>1</sup> ..... 8, 10, or 12 bits per color  
 Signal type ..... DisplayPort 1.2 (Alt Mode), HDMI 2.0, HDCP 2.3  
 Max. video data rate ..... 18 Gbps (6.0 Gbps per color)

**NOTE:** <sup>1</sup>Subject to the maximum data rate limit. Use our calculator at <http://www.extron.com/8KdataRate> 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  
 Formats ..... RGB and YCbCr digital video  
 Standards ..... DisplayPort 1.2 (Alt Mode), HDMI 2.0, 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)  
 Horizontal Frequency ..... 15kHz to 270kHz for resolutions up to 18Gbps  
 Vertical Frequency ..... 24Hz – 240Hz for resolutions up to 18Gbps

#### Video output

Number/signal type ..... 1 HDMI  
 Connector ..... Female HDMI type A  
 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 (USB Type-C) ..... 5 VDC @ up to 3A, 9 VDC @ up to 3A, 15VDC @ up to 3A, or 20VDC @ up to 3A.  
 60 Total Watts

## Specifications • USB-C HD 101 (Continued)

Power consumption	
Device .....	65.8 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
Cooling .....	Convection, no vents
Thermal dissipation	
Device .....	30.7 BTU/Hr
Mounting .....	Yes, or with optional 1U rack shelf, with the included ZipClip 200® mounting clip
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)
Vibration .....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance.....	CE, c-UL, UL, C-Tick, FCC Class A, ICES, VCCI, AS/NZS, RoHS, WEEE
MTBF.....	155,000 Hrs
Product warranty .....	3 years parts and labor

**NOTE:** All nominal levels are at ±10%.

**NOTE:** Specifications are subject to change without notice.

**NOTE:** Shipping weights and dimensions are available at [www.extron.com](http://www.extron.com).

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