

Specifications

HDP 101 4K

TRUE 4K specification

Max. 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096x2160 at 30 Hz	4:4:4	8 bit
3840x2160 at 30 Hz		

Frame rate¹ 24, 25, or 30 fps
 Chroma sampling¹ 4:4:4 or 4:2:2
 Color bit depth¹ 8 bits per color
 Signal type HDMI 1.4, DisplayPort 1.1, HDCP 1.4
 Max. video data rate 10.2 Gbps (3.4 Gbps per color)

NOTE: ¹Subject to the maximum data rate limit. Use our calculator at www.extron.com/8Kdata rate to determine video parameters supported by this data rate.

Video

Maximum data rate 10.2 Gbps (3.4 Gbps per color)
 Maximum pixel clock 300 MHz
 Resolution range Up to 2560x1600* @ 60 Hz, or
 4K (4096x2160*) @ 30 Hz, UHD (3840x2160*) @ 30 Hz
 (* reduced blanking)
 Color bit depth 8 bits per color
 Formats RGB digital video
 Standards DisplayPort 1.1, HDMI 1.4, HDCP 1.4

NOTE: Only Single Stream Transport (SST) is supported.

Video input

Number/signal type 1 HDMI (or single link DVI-D)
 Connectors 1 female HDMI Type A
 Input cable length Up to 15' (4.5 m)

NOTE: Appropriate HDMI to DVI-D cables or adapters are required for DVI signal input/output.

Video output

Number/signal type 1 DisplayPort
 Connectors 1 female DisplayPort
 Output cable length Up to 15' (4.5 m)

Specifications • HDP 101 4K (Continued)

General

Power supply	External: Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 0.5 A, 6 Watts
Power consumption	
Device	1.3 watts
Device and power supply	1.4 watts
Thermal dissipation	
Device	4.2 watts
Device and power supply	4.6 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
Mounting	Yes, with included hook and loop fastener or optional mounting brackets
Enclosure type	Metal
Enclosure dimensions	1.0" H x 2.2" W x 3.0" D (1/8 rack wide) (2.5 cm H x 5.6 cm W x 7.6 cm D) (Depth excludes connectors)
Product weight	0.1 lbs (<0.1 kg)
Regulatory compliance.....	CE, c-UL, C-tick, FCC Class A, ICES, VCCI, RoHS, UL, WEEE
Warranty	3 years parts and labor

NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

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