

Specifications

DPH 101 4K PLUS

TRUE 4K specifications

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		12 bit
3840 x 2160 at 30 Hz		

Frame rate¹ 24, 25, 30, 50, or 60 fps
 Chroma sampling¹ 4:4:4, 4:2:2
 Color bit depth¹ 8, 10, or 12 bits per color
 Signal type DisplayPort 1.2, HDMI 2.0, HDCP 1.4, HDCP 2.3
 Max. video data rate 18 Gbps (6 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 18 Gbps (6 Gbps per color)
 Maximum pixel clock 600 Mhz
 Resolution range Up to 1920 x 1200, 1080p @60 Hz 12-bit color
 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, HDMI 2.0, HDCP 1.4, HDCP 2.3

Video input

Number/signal type 1 DisplayPort
 Connector Female DisplayPort
 Input cable length Up to 12' (3.7 m)
 Horizontal frequency 15 kHz to 270 kHz for resolutions up to 18 Gbps
 Vertical frequency 24 Hz to 240 Hz for resolutions up to 18 Gbps

Video output

Number/signal type 1 HDMI
 Connector Female HDMI type A
 Video output power for
 active cables 1.1 W max. for the HDMI port
 Output cable length Up to 12' (3.7 m)

Specifications • DPH 101 4K PLUS (Continued)

General

Power supply External
Input: 100-240 VAC, 50-60 Hz
Output: 12 VDC, 1.0 A, 12 watts

NOTE: The external power supply is not included.

NOTE: Power can be shared with a connected Extron HDMI switcher or similar device (see the *DPH 101 4K Plus Setup Guide* for details).

Power consumption

Device 0.9 watts

Device and power supply 1.4 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 Convections, no vents

Thermal dissipation

Device 1.9 BTU/Hr

Device and power supply 3.6 BTU/Hr

Mounting Yes, with optional mounting brackets

Enclosure type Metal

Enclosure Dimensions..... 1.0" H x 2.2" W x 3.0" D
(2.5 cm H x 5.6 cm W x 7.6 cm D)

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
Complies with the appropriate requirements of RoHS, WEEE

Warranty 3 years parts and labor

NOTE: Specifications are subject to change without notice.

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

5139-D5