

Specifications

HDMI DA2

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

Video

Maximum data rate.....	6.75 Gbps (2.25 Gbps per color)
Maximum pixel clock.....	165 MHz
Resolution range	Up to 1920x1200 or 1080p @ 60 Hz, 12-bit color
Formats.....	RGB and YCbCr digital video
Standards.....	DVI 1.0, HDMI, HDCP

Video input

Number/signal type	1 single link HDMI (or DVI-D*)
Connectors	1 female HDMI type A
Input cable length	Up to 50' (15 m) with a 225 MHz signal Up to 100' (30 m) with a 165 MHz signal

NOTE: The transmission distance varies greatly depending on the signal resolution and on the type of cable, graphics card, and display used in the system.

Video output

Number/signal type	2 single link HDMI (or DVI-D*)
Connectors	2 female HDMI type A

Control/remote

Serial control port.....	RS-232, 3.5 mm, 3-pole captive screw connector
Baud rate and protocol.....	9600 baud, 8 data bits, 1 stop bit, non-parity
Serial control pin configuration.....	1 = Tx, 2 = Rx, 3 = GND
USB control port.....	1 front panel, female, mini USB B
USB standards	USB 2.0, low speed
Program control	Extron Simple Instruction Set (SIS™)

General

Power	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts
Power consumption	
Device	4.0 watts
Device and power supply	5.3 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, vents on top
Thermal dissipation	
Device	13.1 BTU/hr
Device and power supply	17.5 BTU/hr
Mounting	
Rack mount.....	Yes, with optional rack shelf kit
Enclosure type.....	Metal

Enclosure dimensions	1.0" H x 4.3" W x 3.0" D (one quarter rack wide) 2.5 cm H x 10.9 cm W x 7.6 cm D (Depth excludes connectors)
Product weight.....	1.6 lbs (0.7 kg)
Shipping weight.....	3 lbs (2 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI
Environmental.....	Complies with the appropriate requirements of RoHS and WEEE
Warranty.....	3 years parts and labor

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

NOTE: Specifications are subject to change without notice.

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