

Specifications

HAE 100

Video

Maximum data rate.....	6.75 Gbps (2.25 Gbps per color)
Maximum pixel clock.....	225 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 1.2, EDID 1.3

Video input

Number/signal type.....	1 single link HDMI
Connectors.....	1 female HDMI type A
Equalization.....	Automatic for up to -12 dB of cable loss
Input cable length.....	Up to 25' (7.6 m)

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.....	1 single link HDMI
Connectors.....	1 female HDMI type A
Output cable length.....	Up to 15' (5 m)

Audio

S/N.....	>90 dB, balanced, at maximum output
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Audio input

Source formats.....	PCM, Dolby Digital 2/0, Dolby Digital 2/0 Surround, Dolby Digital 5.1, Dolby Digital EX, DTS Digital Surround 5.1, DTS-ES Matrix 6.1, DTS-ES Discrete 6.1
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Audio output – analog

Number/signal type.....	1 stereo balanced/unbalanced
Connector.....	(1) 3.5 mm captive screw connector, 5 pole
Impedance.....	Stereo: 50 ohms unbalanced, 100 ohms balanced
Maximum level (Hi-Z).....	>16 dBu, balanced; >7.8 dBV, unbalanced at 1% THD+N

Audio output – digital

Number/signal type.....	1 S/PDIF
Connectors.....	1 female RCA jack (tip, ring)
Impedance.....	75 ohms

Control/remote

USB control ports.....	1 front panel female mini USB B
USB standards.....	USB 2.0, low speed
Program control.....	Extron Simple Instruction Set (SIS™)

General

External power supply.....	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, regulated
Power input requirements	12 VDC, 0.4 A
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	
115 VAC, 60 Hz.....	7.3 BTU/hr
240 VAC, 50 Hz.....	8.1 BTU/hr
Mounting	
Rack mount.....	Yes, with optional 1U rack shelf
Furniture mount	Yes, with optional mini under-desk mounting kit
Enclosure type	Metal
Enclosure dimensions	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide) (4.2 cm H x 11.0 cm W x 7.6 cm D) (Depth excludes connectors and switches.)
Product weight	0.6 lbs (0.3 kg)
Shipping weight	2 lbs (1 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, KCC, VCCI
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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