

Specifications — HDMI 101

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

Video

Maximum data rate.....	4.95 Gbps (1.65 Gbps per color)
Maximum pixel clock.....	165 MHz
Resolution range.....	Up to 1920x1200 or 1080p @ 60 Hz
Formats.....	RGB and YCbCr digital video
Standards.....	DVI 1.0, HDMI 1.2

Video input

Number/signal type.....	1 single link HDMI (or DVI-D*)
Connectors.....	1 female HDMI type A
Equalization.....	Automatic for up to -40 dB of cable loss
Input cable length.....	Up to 200' (61 m) at 1080p or 1920x1200 @ 60 Hz Up to 250' (76 m) at 720p, 1080i, or 1024x768 @ 60 Hz Longer distances are possible with lower rates and/or high quality cable.

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 (or DVI-D*)
Connectors.....	1 female HDMI type A
Output cable length.....	Up to 15' (5 m)

General

Power.....	Supplied by an external power supply or by the 5 V signal from an HDMI source (pin 18) or a DVI source (pin 14)
External power supply.....	100 VAC to 240 VAC, 50/60 Hz, external; to 12 VDC, 1 A, regulated
Power input requirements.....	12 VDC, 0.2 A from an external power supply or 5 VDC, 0.05 A from an HDMI or DVI source
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	
Rack mount.....	Yes, with optional 1U, 9.5" deep rack shelf (RSU 129, #60-190-01; RSB 129, 60-604-01); 1U, 6" deep rack shelf (RSU 126, #60-190-10; RSB 126, 60-604-10); or 1U, 3.5" deep VersaTools® rack shelf (RSF 123, #60-190-20; RSB 123, 60-604-20)
Furniture mount.....	Yes, with optional MBU 125 Under-Desk Mounting Kit, #70-077-01
Enclosure type.....	Metal
Enclosure dimensions.....	1.0" H x 2.2" W x 3.0" D (one eighth rack wide) (2.5 cm H x 5.6 cm W x 7.6 cm D)
Product weight.....	0.4 lbs (0.2 kg)
Shipping weight.....	2 lbs (1 kg)
Vibration.....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety.....	CE, CUL, UL
Compliances.....	CE, C-tick, FCC Class A, ICES ,VCCI
MTBF.....	30,000 hours
Warranty.....	3 years parts and labor

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

NOTE Specifications are subject to change without notice.