

# Specifications

## HDMI 101 Plus

**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
Formats .....	RGB and YCbCr digital video
Standards .....	DVI 1.0, HDMI
Impedance .....	100 ohms
Input video signal .....	1.2 Vp-p (TMDS)
ID bits .....	5 Vp-p (TTL)

### 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 150' (46 m) at 1080p / 12 bit @ 60 Hz Up to 175' (53 m) at 1080p / 10 bit @ 60 Hz Up to 200' (61 m) at 1920x1200, 1600x1200, or 1080p / 8 bit @ 60 Hz Up to 250' (76 m) at 720p, 1080i, 1024x768, or 1280x1024 @ 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, source, 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)
Power supply .....	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts
Power consumption .....	1.09 watts, 12 VDC 1.13 watts, 5 VDC (power from 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 rack shelf kit
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.....	0.4 lbs (0.2 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, 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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