

Specifications

DVC RGB-HD A

Video – VGA input

Gain.....	Unity
Bandwidth	170 MHz (-3 dB)
Crosstalk	-50 dB @ 10 MHz, -30 dB @ 100 MHz

Video input – VGA

Number/signal type.....	1 RGBHV
Connectors	1 female 15-pin HD
Nominal level.....	0.7 Vp-p for RGB
Minimum/maximum levels.....	Analog 0.3 V to 1.5 Vp-p with no offset
Impedance.....	75 ohms
Horizontal frequency	15 kHz to 145 kHz
Vertical frequency.....	30 Hz to 170 Hz
Return loss	<-40 dB @ 5 MHz

Video output

Number/signal type.....	1 single link HDMI (or DVI-D with appropriate adapter)
Connectors	1 female HDMI Type A
Standards	DVI 1.0, HDMI 1.1

NOTE: The product does not scale video. RGBHV video and analog audio are digitized and converted to HDMI.

Audio input

Number/signal type.....	1 stereo, unbalanced
Connector.....	(1) 3.5 mm mini audio jack (tip = L, ring = R, sleeve = GND)
Impedance.....	>10k ohms, DC coupled
Nominal level.....	-10 dBV
Maximum level	+6 dBV, unbalanced

NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV ≈ 2 dBu

Communication

USB control ports	1 female USB mini-B, rear panel
USB standards	USB 2.0, high speed

General

Power supply	External (optional) Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts
Power consumption	
Device	1.8 watts
Device and power supply	2.4 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	Convection, no vents
Thermal dissipation	
Device	4.9 BTU/hr
Device and power supply	7.1 BTU/hr
Mounting	
Rack mount.....	Yes, with optional 1U rack shelf
Furniture mount	Yes, with included under-desk mounting 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)
Product weight	0.2 lbs (1.2 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
Warranty	3 years parts and labor

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

NOTE: Specifications are subject to change without notice.

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

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