

Specifications — RGB 120_p Universal Interface

Video input

Number/type	1 analog/ECL RGBHV, RGBS, RGsB, RsGsBs
Connectors	1 9-pin D male for MBC/LBC cable or buffer
Nominal level(s)	Analog — 0.5V to 1.20V p-p
Impedance	75 ohms or HI Z, switchable (set to 75 ohms if no local monitor is connected)
Horizontal frequency	15 kHz to 125 kHz
Vertical frequency	30 Hz to 170 Hz
Return loss	-30dB @ 5 MHz

Video throughput

Gain	Variable from 0.3V to 1.0V p-p
Bandwidth	200 MHz (-3dB)

Video output

Number/type/format	1 analog RGBHV, RGBS, RGsB
Nominal level	Analog — 0.3V to 1.0V p-p
Impedance	75 ohms
Return loss	-30dB @ 5 MHz

Sync

Input type	Autodetect RGBHV, RGBS, RGsB, RsGsBs
Output type	RGBHV, RGBS, RGsB
Connectors	5 BNC female
Input level	2.0V to 5.5V p-p with ± 0.2 VDC offset max.
Output level	4.0V to 5.0V p-p
Input impedance	10 kohms
Output impedance	75 ohms
Max. propagation delay	130 nS
Max. rise/fall time	4 nS
Polarity	Positive or negative (follows input), or negative (switch selectable)

General

Power	100VAC to 240VAC, 50/60 Hz, 10 Watts, external, auto-switchable
MBC power jack	9.0VDC, 150 mA
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	No
Enclosure type	Plastic
Enclosure dimensions	1.6" H x 7.7" W x 4.8" D 4 cm H x 19.5 cm W x 13 cm D
Shipping weight	4 lbs (1.8 kg)
Vibration	NSTA 1A in carton (National Safe Transit Association)
Approvals	UL, CUL, CE, FCC Class A
Warranty	2 years parts and labor

Specifications are subject to change without notice.

NOTE

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