

Specifications — VLD 50 Video-to-VGA Converter

Video input

Number/type	1 composite video, or 1 VGA RGBHV, RGBS, RGsB, RsGsBs (pass-through)
Connectors	1 RCA female composite video 1 15-pin HD male VGA RGB (pass-through)
Nominal level(s)	Analog — 0.5V to 1.2V p-p
Impedance	75 ohms
Return loss	-30dB @ 5 MHz
Maximum DC offset	1.5V

Video throughput — VGA pass-through

Gain	Unity
Bandwidth	60 MHz (-3dB)
Frequency response	< ± 0.1dB @ 30 MHz

Video output

Number/type/format	1 VGA RGBHV (from composite video input), or 1 RGBHV, RGBS, RGsB, RsGsBs (from VGA pass-through input)
Connectors	1 15-pin HD female
Nominal level	1V p-p, fixed ±0.2V
Impedance	75 ohms
Return loss	-30dB @ 5 MHz
DC offset	±5 mV maximum

Sync

Output type	RGBHV from composite video RGBHV, RGBS, RGsB, RsGsBs from VGA pass-through
Standards	NTSC 3.58, PAL
Output level	TTL — 5.0V p-p
Output impedance	75 ohms
Max input voltage	2V p-p
Horizontal frequency	31.5 kHz, fixed
Vertical frequency	60 Hz, fixed
Polarity	H & V negative

Control/Remote — converter

Contact closure control port	1 3.5mm mono female jack
Contact type	Non-latching: open = composite video input, closed = VGA input

General

Power	100VAC to 240VAC, 50/60 Hz, 10 Watts, external (wall-mounted), auto-switchable; to 9VDC, 1.0A
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	1.50" H x 5.00" W x 3.35" D 3.81 cm H x 12.70 cm W x 8.51 cm D
Shipping weight	2 lbs (0.9 kg)
Vibration	NSTA 1A in carton (National Safe Transit Association)
Approvals	UL, FCC Class A
Warranty	2 years parts and labor

NOTE *Specifications are subject to change without notice.*

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