

Specifications — ADA 2/GLI 350 HV

Video

Gain	Unity
Bandwidth	350 MHz (-3 dB), fully loaded
CMRR	>47 dB @ 60 Hz, >30 dB @ 10 MHz

Video input

Number/signal type	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, component video, S-video, composite video
Connectors	5 female BNC
Nominal level	1 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB and for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
Minimum/maximum levels	Analog: 0.3 V to 1.5 Vp-p with no offset at unity gain
Impedance	75 ohms
Horizontal frequency	15 kHz to 135 kHz
Vertical frequency	30 Hz to 150 Hz
Return loss	<-39 dB @ 5 MHz

Video output

Number/signal type	2 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, component video, S-video, composite video
Connectors	2 x 5 female BNC
Nominal level	1 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB and for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
Minimum/maximum levels	Analog: 0.3 V to 1.5 Vp-p (follows input)
Impedance	75 ohms
Return loss	<-45 dB @ 5 MHz
DC offset	±10 mV maximum

Sync

Input type	RGBHV, RGBS, RGsB, RsGsBs
Output type	RGBHV, RGBS, RGsB, RsGsBs Tri-level on Y, R-Y, B-Y, or YUV channels
Input level	RGBHV, RGBS (min./max.): 0.5 V to 5 Vp-p (analog/TTL) RGsB (nominal): 0.3 Vp-p (analog)
Output level	0.6 Vp-p for component video (tri-level sync) TTL: 5.0 Vp-p, unterminated for RGB
Input impedance	510 ohms
Output impedance	75 ohms
Max. propagation delay	H: 60 ns
Max. rise/fall time	4 ns
Polarity	Positive or negative (follows input)

General

External power supply (attached)	100 VAC to 240 VAC, 50/60 Hz, external; to 9 VDC, 1 A, regulated
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
Rack mount	No
Enclosure type	Metal
Enclosure dimensions	1.75" H x 4.6" W x 4.7" D (1U high, quarter rack wide) 4.4 cm H x 11.8 cm W x 11.9 cm D
Product weight	1.8 lbs (0.8 kg)
Shipping weight	4 lbs (2 kg)

Vibration	ISTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE
Warranty	3 years parts and labor

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

NOTE *Specifications are subject to change without notice.*

(7.52-052507-D6-111612)