

Specifications — ADA 2/GLI 350xi, GLI 350xi

Video

Gain	Unity
Bandwidth	350 MHz (-3 dB), fully loaded

Video input

Number/signal type	1 UXGA-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
Impedance	75 ohms
Horizontal frequency	15 kHz to 135 kHz
Vertical frequency	30 Hz to 150 Hz
Return loss	<-39 dB @ 5 MHz
DC offset (max. allowable)	0.2 V

Video output

Number/signal type	
ADA 2/GLI 350xi	2 RGBHV, RGBS, RGsB, RsGsBs, component video, S-video, composite video
GLI 350xi	1 RGBHV, RGBS, RGsB, RsGsBs, component video, S-video, composite video
Connectors	
ADA 2/GLI 350xi	2 x 5 BNC female
GLI 350xi	5 BNC female
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

Sync

Input type	RGBHV, RGBS, RGsB, RsGsBs
Output type	RGBHV, RGBS, RGsB, RsGsBs (follows input) Tri-level on Y, R-Y, B-Y channels (component video 720p, 1080i, 1080p) Bi-level on Y channel (for all other component video rates)
Input level	RGBHV, RGBS (min./max.): 0.5 V to 5.0 Vp-p (analog/TTL) RGsB (nominal): 0.3 Vp-p (analog)
Output level	0.3 V to 1.5 Vp-p, unterminated
Input impedance	510 ohms
Output impedance	75 ohms
Max. propagation delay	H = 60 ns, V = 226 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 12 VDC, 1 A, regulated
Power input requirements	12 VDC, 0.5 A
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +104 °F (0 to +40 °C) / 10% to 90%, noncondensing
Cooling	Convection, unvented

Rack mount.....	Yes, with optional 1U, 9" deep rack shelf (RSU 129, #60-190-01; or RSB 129, 60-604-01); 1U, 6" deep rack shelf (RSU 126, #60-190-10; RSB 126, 60-604-10) Also furniture mountable with optional MBU 125 under-desk mounting kit, part #70-077-01.
Enclosure type.....	Metal
Enclosure dimensions	1.7" H x 4.3" W x 6.0" D (1U high, quarter rack wide) 4.3 cm H x 11.0 cm W x 15.2 cm D (Depth excludes connectors.)
Product weight.....	0.8 lbs (0.4 kg)
Shipping weight.....	2 lbs (1 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE, FCC Class A, VCCI, AS/NZS, ICES
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE *All nominal levels are at ±10%.*

NOTE *Specifications are subject to change without notice.*

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