

Specifications

P/2 DA4xi, P/2 DA6xi

Video

Gain.....	0 dB or +3 dB (when input is 0.7 Vp-p, output is 0.7 V or 1.0 V), switchable
Bandwidth	350 MHz (-3 dB), fully loaded

Video input

Number/signal type.....	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, HDTV component video, S-video, composite video
-------------------------	--

NOTE: These DAs are compatible with all the signal formats listed above when the gain DIP switch is set to 0.7 V. They are compatible with only RGBHV and RGBS when the gain DIP switch is set to 1.0 V.

Connectors.....	1 female 15-pin HD (optional Mac/VGA adapters are available)
Pin connections	ID bits on pins 4, 11, 12, and 15 are passed through to local monitor output (loop-through). The pin 9 connection is passed through to output 1.
Nominal level.....	1.0 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	<-40 dB @ 5 MHz
Input coupling	DC

Video output

Number/signal type	
P/2 DA4xi.....	4 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, HDTV component video, S-video, composite video (follows input type)
P/2 DA6xi.....	6 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, HDTV component video, S-video, composite video (follows input type)

NOTE: These DAs are compatible with all the signal formats listed above when the gain DIP switch is set to 0.7 V. They are compatible with only RGBHV and RGBS when the gain DIP switch is set to 1.0 V.

Connectors	
P/2 DA4xi.....	4 female 15-pin HD
P/2 DA6xi.....	6 female 15-pin HD
Nominal level.....	1.0 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.....	0.3 V to 1.5 Vp-p (follows input)
Impedance.....	75 ohms
Return loss	<-40 dB @ 5 MHz
DC offset	±5 mV with input at 0 offset

Sync

Input type	RGBHV, RGBS, RGsB, RsGsBs; bi-level and tri-level sync
Output type.....	RGBHV, RGBS, RGsB, RsGsBs; bi-level and tri-level sync (follows input)

NOTE: These DAs are compatible with all the signal formats listed above when the gain DIP switch is set to 0.7 V.

Input level	1.8 V to 5.0 Vp-p
Output level	TTL: 5.0 Vp-p, unterminated
Input impedance.....	510 ohms
Output impedance.....	50 ohms
Max. propagation delay.....	60 ns
Max. rise/fall time	2 ns
Polarity.....	Positive or negative (follows input)

General

Power	Internal 100-240 VAC, 50-60 Hz, 12 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
Mounting	
Rack mount.....	Yes, with optional 1U rack shelf
Furniture mount	Yes, with optional under-desk mounting kit or through-desk mounting kit
Enclosure type	Metal
Enclosure dimensions	1.6" H x 8.7" W x 6.0" D (1U high, half rack wide) (4.1 cm H x 22.1 cm W x 15.2 cm D) (Depth excludes connectors.)
Product weight	2.0 lbs (0.9 kg)
Shipping weight	3 lb (2 kg)
DIM weight	
USA/Canada	3.7 lbs (1.7 kg)
International.....	4.3 lbs (2.0 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, KCC, VCCI
Environmental.....	Complies with the appropriate requirements of RoHS, WEEE
Warranty	3 years parts and labor

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

NOTE: Specifications are subject to change without notice.

8.1-062314-D14