

## Specifications

### XTP CrossPoint® CP VGA Input Board

#### Video — XTP CP 4i VGA

Gain.....	Unity
Resolution range.....	Up to 1920x1200* or 1080p (HDTV) *reduced blanking
Bandwidth .....	300 MHz (-3 dB), fully loaded 0-10 MHz: no more than +0.1 dB to -0.1 dB 0-130 MHz: no more than +0.8 dB to -0.8 dB
Crosstalk .....	-88 dB @ 1 MHz, -55 dB @ 10 MHz, -45 dB @ 30 MHz, -37 dB @ 100 MHz
Switching speed .....	200 ns (max.)
Decoder.....	8 bit digital
Digital sampling.....	30 bit, 10 bits per color; 162 MHz standard
Colors.....	1 billion

#### Video input — XTP CP 4i VGA

Number/signal type.....	4 analog VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs, HDTV, component video, S-video
Connectors .....	4 female 15-pin HD
Nominal level.....	1 Vp-p for Y of component video and S-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: 0.5 V to 2.0 Vp-p with no offset
Impedance.....	75 ohms
Return loss .....	>30 dB @ 5 MHz
DC offset (max. allowable).....	1.5 V

#### Sync — XTP CP 4i VGA

Input type .....	RGBHV, RGBS, RGsB, RsGsBs
Input level .....	0.5 V to 5.0 Vp-p, 4.0 Vp-p normal
Input impedance.....	510 ohms
Horizontal frequency .....	30 kHz to 100 kHz
Vertical frequency.....	24 Hz to 120 Hz
Max. propagation delay.....	30 ns
Max. rise/fall time .....	4 ns
Polarity.....	Positive or negative

#### Audio input — XTP CP 4i VGA

Number/signal type.....	4 stereo, balanced/unbalanced
Connectors.....	(4) 3.5 mm captive screw connector, 5 pole
Impedance.....	>10k ohms unbalanced/balanced, DC coupled
Nominal level.....	0 dBu (0.775 Vrms)
Maximum level.....	+19.5 dBu, (balanced or unbalanced) at 1% THD+N
Input gain adjustment.....	-18 dB to +18 dB, adjustable per input; default = 0 dB

**NOTE:** 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV ≈ 2 dBu

## General

Power .....	Supplied by XTP CrossPoint or XTP II CrossPoint enclosure
Power consumption.....	29 watts
Product weight .....	2.0 lbs (0.9 kg)
Regulatory compliance.....	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.

**NOTE:** Shipping weights and dimensions are available at [www.extron.com](http://www.extron.com).

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