

# Specifications

## XTP CrossPoint® CP 3G-SDI Input Board

### Video

Number/signal type.....	(4) 3G-SDI, HD-SDI, and SDI digital video signals
Connectors.....	4 female BNC, 4 female BNC loop-through
Nominal level.....	0.8 Vp-p
Impedance.....	75 ohms
Horizontal frequency.....	15 kHz to 70 kHz
Vertical frequency.....	24 Hz to 60 Hz
Resolution range.....	480i, 576i, 720p, 1080i, 1080PsF, 1080p, and 2K (2048x1080)
Return loss.....	≥15 dB @ 5 MHz to 1.5 GHz
Input cable equalization.....	Automatic for up to -30 dB of cable loss
3G-SDI.....	60 m (200') using RG6 cable 45 m (150') using RG59 cable
HD-SDI.....	120 m (400') using RG6 cable 90 m (300') using RG59 cable
SDI.....	150 m (500') using RG6 cable 120 m (400') using RG59 cable
Operation standards.....	SMPTE 259M-C, SMPTE 292M, SMPTE 424M, SMPTE 272M, SMPTE 299M, ITU-R BT.601, ITU-R BT.1120
Auto data rate lock.....	Yes

### Audio

Frequency response.....	20 Hz to 20 kHz ±0.5 dB
THD + Noise.....	<0.1% @ 1 kHz, 20 kHz bandwidth at nominal level
S/N.....	>90 dB, at maximum output (unweighted)
Stereo channel separation.....	>80 dB @ 1 kHz

### Audio input

Number/signal type.....	4 SDI embedded AES3 audio (SMPTE 272M, SMPTE 299M) 4 stereo/mono, balanced/unbalanced
Connectors.....	4 female BNC (4) 5 pole captive screw
Impedance.....	10k ohms unbalanced, >20k ohms balanced
Nominal level.....	+4 dBu (1.23 Vrms), -10dBv (316 mVrms), adjustable
Maximum level.....	+21 dBu (balanced) +15 dBu (unbalanced)
Input gain adjustment.....	-18 dB to +24 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.....	14 watts
Product weight .....	2.0 lbs (0.9 kg)
Regulatory compliance	
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.

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