



Card streams video thumbnail and ALM via IP

TECHNICAL SPECIFICATIONS

INPUT		PROCESSING PERFORMANCE		AUDIO OUTPUT MONITORING		ANALOG VIDEO PROCESSING PERFORMANCE	
Signal:	SMPTE 292M (1.485, 1.485/1.001 Gbps)	Signal path:	10 bits	Analog signal:	Balanced analog stereo audio	Quantization:	10 bits
Input formats:	SMPTE 259M (143, 177, 270 and 360 Mbps)	Latency:	<6 ns	Impedance:	<55 ohm	DACs:	12 bits
	1080i 59.94, 50, 23.98psf, 25psf, 720p 59.94, 50, 29.97psf	SDI OUTPUTS		Max level:	+24 dBu	Sampling:	108 MHz (8X over sampling)
Cable length:	HD: 110 m (350') for Belden 1694A	Signal (2):	SMPTE 259M-C (270 Mbps)	DIGITAL VIDEO PROCESSING PERFORMANCE			
	SD: 250 m (850')	Return loss:	>15 dB up to 270 MHz	Signal path:	10 bits	Time Code:	VITC, ATC
Return loss:	>15 dB up to 1.5 GHz	Added jitter:	<0.2 UI p-p (wideband)	Processing delay:	DA outputs: 6 ns, HD to SD: 1 frame	Freq. response:	±0.15 dB to 5.0 MHz
DA OUTPUTS (4)		ANALOG VIDEO OUTPUT MONITORING		HD input to HD-SDI output:	<2 µs	Noise:	<-60 dB to 5.75 MHz (unweighted)
Signal:	SMPTE 292M (1.485, 1.485/1.001 Gbps)	Signal (2):	NTSC (525/60) SMPTE 170M	SD-SDI outputs:	Frame rate of 59.94 Hz 34 ms	VBI:	Passed
	SMPTE 259M (143, 177, 270 and 360 Mbps)		PAL (625/50) ITU 624-4 G/Y, B/B-Y, R/R-Y		Frame rate of 50 Hz 41 ms	ANALOG AUDIO PROCESSING PERFORMANCE	
Return loss:	>15 dB up to 1.5 GHz	Return loss:	>35 dB up to 5.75 MHz		Frame rate of 23.98 Hz 83 ms	Quantization:	20-24 bits
Added jitter:	<0.2 UI p-p (wideband)			SNR: 90 dB (A weighted)			
				ELECTRICAL			
				Power: 10 W			

ORDERING INFORMATION

Densité 2 frame

HDC-1861	HD downconverter & distribution amplifier with analog output
HDC-1861-DRP	Double rear connector panel
HDC-1861-A-DRP	Double rear connector panel with audio output

Densité 3 frame

HDC-1861-3RU	HD downconverter & distribution amplifier with analog output (including 3RU adaptor)
HDC-1861-DRP-3RU	Double rear connector panel (including 3RU adaptor)
HDC-1861-A-DRP-3RU	Double rear connector panel with audio output (including 3RU adaptor)
HDC-1861-3SRP	Single rear connector panel

Options

HDC-1861-OPT-AUD	Optional audio (embed & analog outputs)
HDC-1861-OPT-LS	Line Scope option for HDC-1861

Remote control

iControl, iControl Solo, RCP-200 *

* For full list of supported cards, visit <http://www.miranda.com/RCP-200>