

<b>VIDEO INPUTS</b> 8 - 64 auto-detect 3G/HD/SD-SDI, CVBS)		<b>IP: ASI/H.264</b>	
Connectors	HD BNC	Signal	ASI/H.264
<b>3G-SDI</b>		Compliant to ISO/IEC 13818-1 MPEG-2 Transport Stream Specification	
Signal	SMPTE 424M-2006 Level A and B	Demultiplexing incoming SPTS/MPTS MPEG2/H.264 decode	
Formats	1920x1080p60 Hz 1920x1080p59.94 Hz 1920x1080p50Hz	MPEG2 MP@HL, resolution up to 1080P/1080i@60Hz Supports both 50 and 60Hz	
Audio	SMPTE 299M	Connectors	4 HDBNC (2 in 2 out), 1 RJ-45
Equalization	120 m at 3G	<b>MULTIVIEWER OUTPUTS</b>	
Return Loss	>15db up 1.5GHz >10db from 1.5GHz to 3GHz	<b>HDMI</b>	4 or 8
Jitter	<0.3UI	Connector	HDMI Type A, HDMI Extender out (RJ45) HDBaseT (RJ45)
<b>HD-SDI</b>		Cable Reach	15 ft for HDMI, 35 ft RJ45 with passive receiver
Signal	4:2:2 SMPTE 292M-C (1.5Gbps)	Signal Path	8/10 bit output
Formats	720p29.97 Hz, 720p25Hz 720p24Hz, 720p59.94Hz 729p50Hz, 1080i59.94Hz 1080i29.97Hz (PSF), 1080p29.97Hz 1080i50Hz, 1080i25 (PSF) 1080p25Hz, 1080p23.98Hz/24Hz 1080i50Hz	Format	800x600 to 1920x1200P (Including 1080P) Supports 50/60 and 59.94 Hz
		<b>3G/HD-SDI</b>	4 or 8
		Signal	3G/HD-SDI SMPTE 424M and 292M
		Return Loss	>15db up 1.5GHz >10db from 1.5GHz to 3G
Audio	SMPTE 299M	Jitter	3G: <0.3 UI, 1.5 <0.21 UI
Equalization	140m at 1.5 Gbps (Belden 1698A)	<b>LTC Input</b>	
Return Loss	>15db up to 1.5 GHz	Signal	SMPTE 12M-1995 (EBU3259-E)
Jitter	<0.2 UI	Level	500 mVp-p to 10 Vp-p
<b>SD-SDI</b>		Impedance	> 10k ohm
Signal	4:2:2 SMPTE 259M-C (270 mbps)	Refresh Rate	50/59.94 Hz
Format	525 and 625	<b>COMMUNICATION</b>	
Audio	SMPTE 274M-1994	<b>ETHERNET</b>	

Equalization	400m at 270 Mbps (Belden 1694A)	Signal	10/100/1000 Base-T
Return Loss	> 15db up to 270 MHz	<b>SERIAL PORT</b>	
Jitter	< 0.2UI	Signal	RS-232
<b>COMPOSITE</b>		Connector	RJ45
Signal	NTSC (SMPTE-170M) PAL (ITU624-2)	<b>ANALOG AUDIO OUT</b>	
Signal Level	1V nominal	Impedance	< 600 ohm
DC Offset	0V, + - 0.1V	Level	+24 dbu maximum
Impedance	75	Connector	Pheonix
Return Loss	40db up to 5MHz	<b>VIDEO PROCESSING PERFORMANCE</b>	
<b>HDMI</b>		Signal Path	8 bit Ycbcr to 24 bit RGB
Signal	HDMI/DVI (with converter cable)	Processing Delay	1 frame in genlock mode, 1-2 frame in non-genlock mode
Max Resolution	1920x1080/1920x1200 @ 60Hz	<b>REFERENCE</b>	
Audio	4 channels of embedded audio	Extender	BB
Connector	4 x HDMI Type A female	Connector	HD BNC