

Apantac T#-16x4-1RU-S 1 RU 16x4 3G/HD/SD-SDI/CVBS I/O Multiviewer w UOM-SFP-A

VIDEO INPUTS (8 to 64 auto-detect 3G/HD/SD-SDI, CVBS)		MULTIVIEWER OUTPUTS	
Connectors	HD BNC	HDMI	4 or 8
3G-SDI		Connector	HDMI Type A, HDMI Extender out (RJ45) HDBaseT (RJ45)
Signal	SMPTE 424M-2006 Level A and B		15 ft for HDMI, 35 ft RJ45 with passive receiver
Formats	1920x1080p60 Hz 1920x1080p59.94 Hz 1920x1080p50Hz	Format	800x600 to 1920x1200P (Including 1080P) Supports 50/60 and 59.94 Hz
		Signal Path	8/10 bit output
Audio	SMPTE 299M	HD-SDI	4 or 8
Equalization	120 m at 3G	Signal	3G/HD-SDI SMPTE 424M and 292M
Return Loss	>15db up 1.5GHz >10db from 1.5GHz to 3GHz	Return Loss	>15db up 1.5GHz >10db from 1.5GHz to 3GH
Jitter	<0.3UI	Jitter	3G: <0.3 UI, 1.5 G <0.2UI
HD-SDI		COMMUNICATION	
Signal	4:2:2 SMPTE 292M-C (1.5Gbps)	ETHERNET	
Formats	720p29.97 Hz, 720p25Hz 720p24Hz, 720p59.94Hz 729p50Hz, 1080i59.94Hz 1080i29.97Hz (PSF), 1080p29.97Hz 1080i50Hz, 1080i25 (PSF) 1080p25Hz, 1080p23.98Hz/24Hz 1080i50Hz	Signal	10/100/1000 Base-T
		Connector	RJ45
		SERIAL PORT	
		Signal	RS-232
Audio	SMPTE 299M	Connector	RJ45
Equalization	140m at 1.5 Gbps (Belden 1698A)		
Return Loss	>15db up to 1.5 GHz	ANALOG AUDIO OUT	
Jitter	<0.2 UI	Signal	Balanced analog audio stereo
SD-SDI		Impedance	<600 ohm
Signal	4:2:2 SMPTE 259M-C (270 mbps)	Level	+24 dbu maximum
Format	525 and 625	Connector	Pheonix
Audio	SMPTE 274M-1994		
Equalization	400m at 270 Mbps (Belden 1694A)	VIDEO PROCESSING PERFORMANCE	
Return Loss	> 15db up to 270 MHz	Signal Path	8 bit Ycbcr to 24 bit RGB
Jitter	< 0.2UI	Processing delay	1 frame in genlock mode, 1-2 frame in non-genlock mode
COMPOSITE			
Signal	NTSC (SMPTE-170M) PAL (ITU624-2)	REFERENCE	
Signal Level	1V nominal	External	BB
DC Offset	0V, + - 0.1V	Connector	HD BNC
Impedance	75		
Return Loss	40db up to 5MHz		
LTC INPUT			
Signal	SMPTE 12M-1995 (EBU3259-E)		

Level	500 mVp-p to 10 Vp-p		
Impedence	>10kohm		
Refresh rate	50/59.94 Hz		
Conector	HD BNC		
REFERENCE			
External	BB		