

# Apantac T#-24x4-4RU-H 4 RU 24x4 3G/HD/SD-SDI/CVBS I/O Multiviewer w UOM-H-A

VIDEO INPUTS (8 to 64 auto-detect 3G/HD/SD-SDI, CVBS)		MULTIVIEWER OUTPUTS	
Connectors	HD BNC	<b>HDMI</b>	4 or 8
<b>3G-SDI</b>			
Signal	SMPTE 424M-2006 Level A and B	Connector	HDMI Type A, HDMI Extender out (RJ45) HDBaseT (RJ45)
		Cable Reach	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
<b>HD-SDI</b>		<b>COMMUNICATION</b>	
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	<b>ANALOG AUDIO OUT</b>	
Jitter	<0.2 UI	Signal	Balanced analog audio stereo
<b>SD-SDI</b>		Impedance	<600 ohm
Signal	4:2:2 SMPTE 259M-C (270 mbps)	Level	+24 dbu maximum
Format	525 and 625	Connector	Phoenix
Audio	SMPTE 274M-1994		
Equalization	400m at 270 Mbps (Belden 1694A)	<b>VIDEO PROCESSING PERFORMANCE</b>	
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
<b>COMPOSITE</b>			
Signal	NTSC (SMPTE-170M) PAL (ITU624-2)	<b>REFERENCE</b>	
Signal Level	1V nominal	External	BB
DC Offset	0V, + - 0.1V	Connector	HD BNC
Impedance	75		
Return Loss	40db up to 5MHz		
<b>LTC INPUT</b>			
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		
<b>REFERENCE</b>			
External	BB		