

# Apantac T#-24x8-4RU-H 4 RU 24x8 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   | HDMI                                | 4 or 8  |
| <b>3G-SDI</b>   |  | Connector                           | HDMI Type A, HDMI Extender out (RJ45)<br>HDBaseT (RJ45)             |
| Signal  | SMPTE 424M-2006 Level A and B  | 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 |
| Audio   | SMPTE 299M   | Signal Path                         | 8/10 bit output   |
| Equalization  | 120 m at 3G  | HD-SDI                              | 4 or 8  |
| Return Loss   | >15db up 1.5GHz >10db from 1.5GHz to 3GHz  | Signal                              | 3G/HD-SDI SMPTE 424M and 292M                                       |
| Jitter  | <0.3UI   | Return Loss                         | >15db up 1.5GHz >10db from 1.5GHz to 3GH                            |
| <b>HD-SDI</b>   |  | Jitter                              | 3G: <0.3 UI, 1.5 G <0.2UI   |
| Signal  | 4:2:2 SMPTE 292M-C (1.5Gbps)   | <b>COMMUNICATION</b>                |   |
| Formats   | 720p29.97 Hz, 720p25Hz 720p24Hz, 720p59.94Hz 729p50Hz, 1080i59.94Hz 1080i29.97Hz (PSF), 1080p29.97Hz 1080i50Hz, 1080i25 (PSF) 1080p25Hz, 1080p23.98Hz/24Hz 1080i50Hz | ETHERNET                            |   |
| Audio   | SMPTE 299M   | Signal                              | 10/100/1000 Base-T  |
| Equalization  | 140m at 1.5 Gbps (Belden 1698A)  | Connector                           | RJ45  |
| Return Loss   | >15db up to 1.5 GHz  | <b>SERIAL PORT</b>                  |   |
| Jitter  | <0.2 UI  | Signal                              | RS-232  |
| <b>SD-SDI</b>   |  | Connector                           | RJ45  |
| Signal  | 4:2:2 SMPTE 259M-C (270 mbps)  | <b>ANALOG AUDIO OUT</b>             |   |
| Format  | 625 and 625  | Signal                              | Balanced analog audio stereo  |
| Audio   | SMPTE 274M-1994  | Impedance                           | <600 ohm  |
| Equalization  | 400m at 270 Mbps (Belden 1694A)  | Level                               | +24 dbu maximum   |
| Return Loss   | > 15db up to 270 MHz   | Connector                           | Phoenix   |
| Jitter  | < 0.2UI  | <b>VIDEO PROCESSING PERFORMANCE</b> |   |
| <b>COMPOSITE</b>                                      |  | Signal Path                         | 8 bit Ycbcr to 24 bit RGB   |
| Signal  | NTSC (SMPTE-170M) PAL (ITU624-2)   | Processing delay                    | 1 frame in genlock mode, 1-2 frame in non-genlock mode              |
| Signal Level  | 1V nominal   | <b>REFERENCE</b>                    |   |
| DC Offset   | 0V, + - 0.1V   | External                            | BB  |
| Impedance   | 75   | Connector                           | HD BNC  |
| Return Loss   | 40db up to 5MHz  |                                     |   |
| <b>LTC INPUT</b>                                      |  |                                     |   |
| Signal  | SMPTE 12M-1995 (EBU3259-E)   |                                     |   |
| Level   | 500 mVp-p to 10 Vp-p   |                                     |   |
| Impedance   | >10kohm  |                                     |   |
| Refresh rate  | 50/59.94 Hz  |                                     |   |
| Conector  | HD BNC   |                                     |   |
| <b>REFERENCE</b>                                      |  |                                     |   |
| External  | BB   |                                     |   |