

Apantac T#-16x4-4RU-S 4 RU 16x4 3G/HD/SD-SDI/CVBS I/O Multiviewer w UOM-SFP-A

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| VIDEO INPUTS (8 to 64 auto-detect 3G/HD/SD-SDI, CVBS) | | MULTIVIEWER OUTPUTS | |
| Connectors | HD BNC | HDMI | 4 or 8 |
| 3G-SDI | | | |
| 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 |
| 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 | Phoenix |
| 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) | | |

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