

Apantac IL-4+12 4 x IP/ASI and 12 x SDI Baseband Hybrid Multiviewer

Video Inputs	Up to 12 3G/HD/SD-SDI	Control	Front panel buttons for quick preset recalls, GPIs, Apantac ASCII Protocol (AXP), Director (Config & control app)
IP Inputs	MPEG2 transport stream, H.264, MPEG4 and ASI	Discrete AES Audio	Up to 4 channels / video input (2 pairs, balanced / unbalanced)
Connectors	BNC IEC 61169-8 Annex A RJ45	Discrete Analog Audio	Up to 4 channels / video input (2 pairs, balanced / unbalanced)
Total Windows	4, 8, 12 or 16	Outputs	DVI, HDMI, VGA (optional), SDI (optional)
Serial Digital	SMPTE 424M, 292M, 259M	Output Resolution	800 x 480 - 2048 x 1080 (1080p)
Equalization	120m at 2.97 Gbps, 140m at 1.48 Gbps, 400m at 270 Mbps with Belden 1694A	Built-in Extender	Up to 35 feet with passive receiver Up to 115 feet with active receiver Up to 300 feet with HDBaseT Extender Up to 1500 feet with Fiber Optic Extender
Return Loss	>15db up to 1.5Gbps >10db up to 3G	On Screen Display	Skin Technology for customizing borders, labels (4 per window), fonts, tally LEDs, clock faces, logos, UMD, OMD, IMD, dynamic UMD
HDMI	1.2, 1.3 with HDCP	General Purpose IO	Up to 40 inputs with DB9 connectors
Embedded Audio	SMPTE-272M-A	Serial Port	RS232 with RS422 or 485 option Connector: RJ45, Baud Rate up to 115200 Format, TSL, TSI, AXP
Composite	NTSC (SMPTE-170M), PAL (ITU 624-2)	IP	100 Base-Tx, TSL, AXP Connector: RJ45
Signal Level	1V nominal	Electrical	100W, 90-250V 50/60 Hz for 1RU 200W, 90-250V 50/60 Hz for 2RU
DC Offset	0V, +-0.1V	EMI/RFI	Complies with FCC Part 15 Class A, CE, EU EMC, C-tick
Input Impedance	75 ohm for BNC 100 ohm for DVI-I	Power	Optional redundant power supply for 1RU Standard redundant power supply for 2RU
Return Loss	40db up to 5MHz	Size	1RU 44.5 cm (17.5") W x 50 cm (19.7")D 2RU 44.5 cm (17.5") W x 60 cm (23.6")D
Alarms	No audio, audio high/low, no video, video black, video frozen, WSS, AFD		