

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

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