

IL-X+X "HYBRID" MULTIVIEWER (IP + SDI)

Key Features

- Hybrid inputs
- Mixture of 4-16 IP, SD-SDI/HD-SDI/3G inputs in groups of four
- Decode up to 16 streams
- Compliant to ISO/IEC 13818-1 MPEG-2 Transport Stream Specification
- Demultiplex incoming SPTS/MPTS
- Supports AFD, WSS
- MPEG2 / H.264 decode
- MPEG2 MP@HL, resolution up to 1080p/1080i@60Hz
- 2 - 4 channels of audio per decode IP stream
- 16 channels of embedded audio per SDI input
- 4 channels of discrete audio per input (optional)
- Field upgradable to allow discrete audio (AES/AA)
- Multiple outputs in DVI, HDMI or VGA (option)
- Output resolution up to 2048 x 1080 (incl. 1080p)
- Built-in CATx extenders for each output
 - Passive short-distance receivers up to 35 feet
 - Active long-distance receivers up to 115 feet (option)
- Multiple labels per video windows - UMD, OMD, IMD, standalone labels
- Automatic input aspect ratio detection on SDI inputs
- Built-in video, audio alarm detections - no audio, audio high/low, no video, video black, video frozen
- Apantac Skin Technology allows on-screen graphical elements to be designed with any graphics tool
- Front panel headphone jack with volume adjustment for audio monitoring
- Front panel buttons for quick preset recalls
- 1 RU with optional redundant power supply

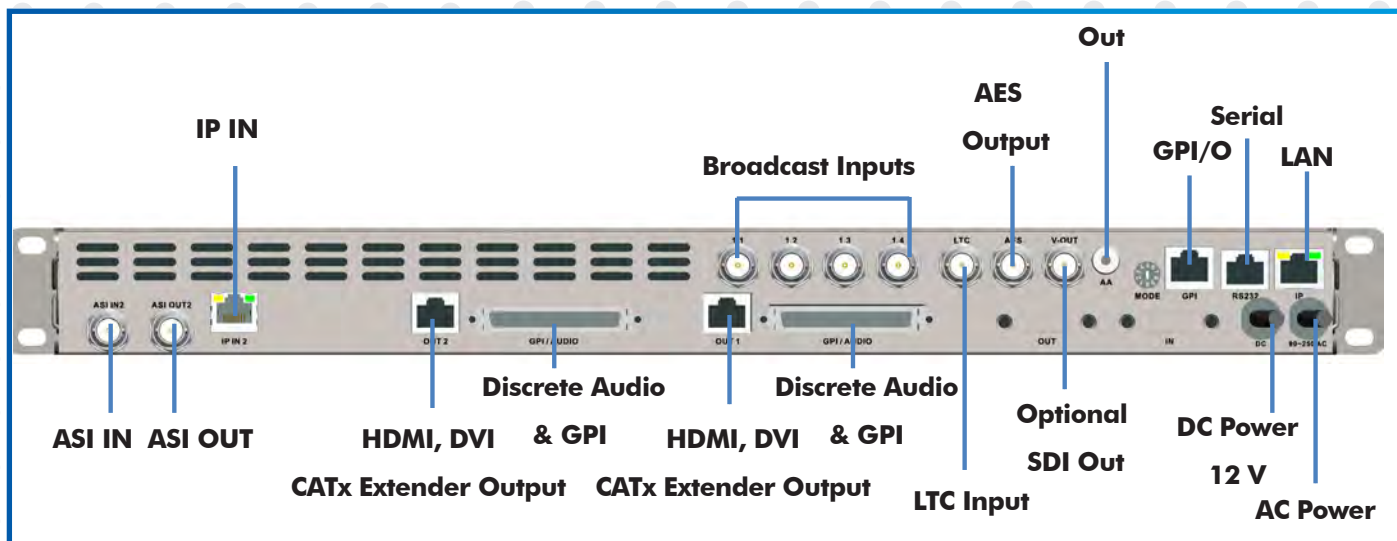
Accessories

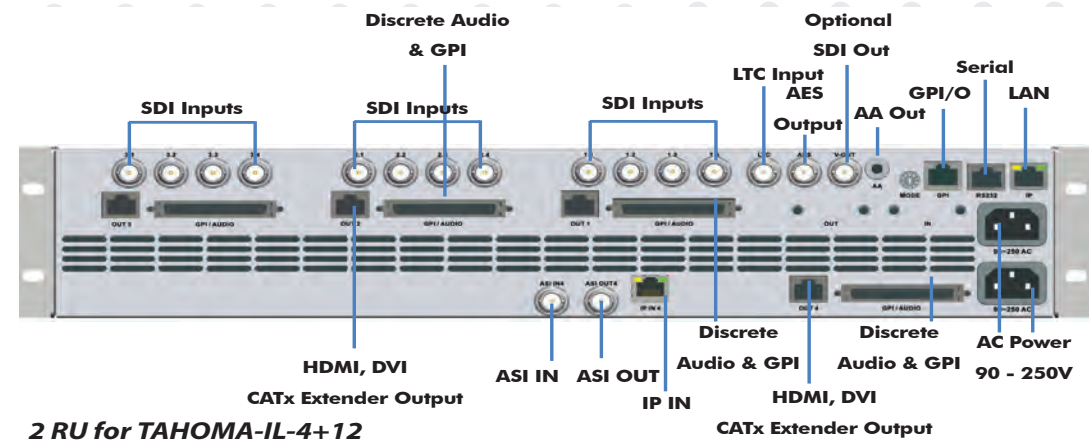
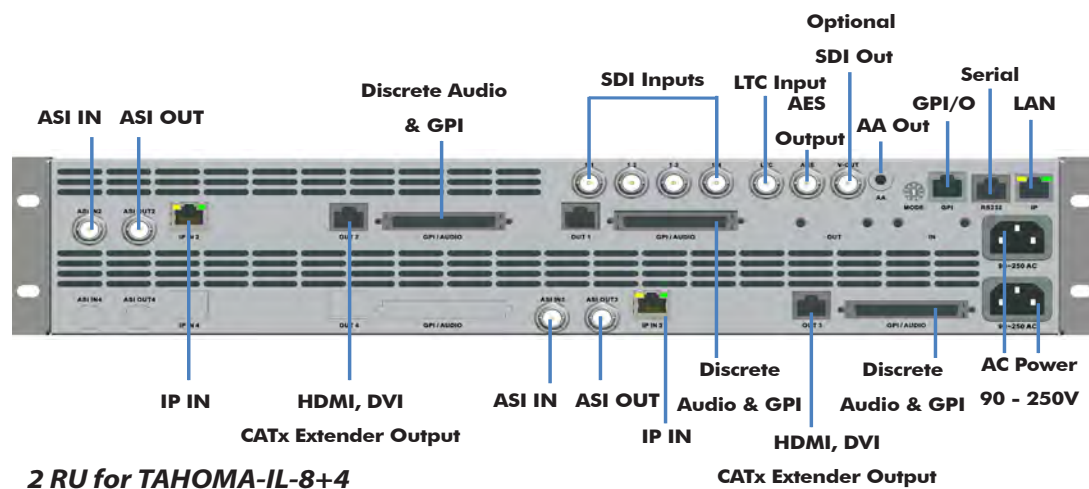
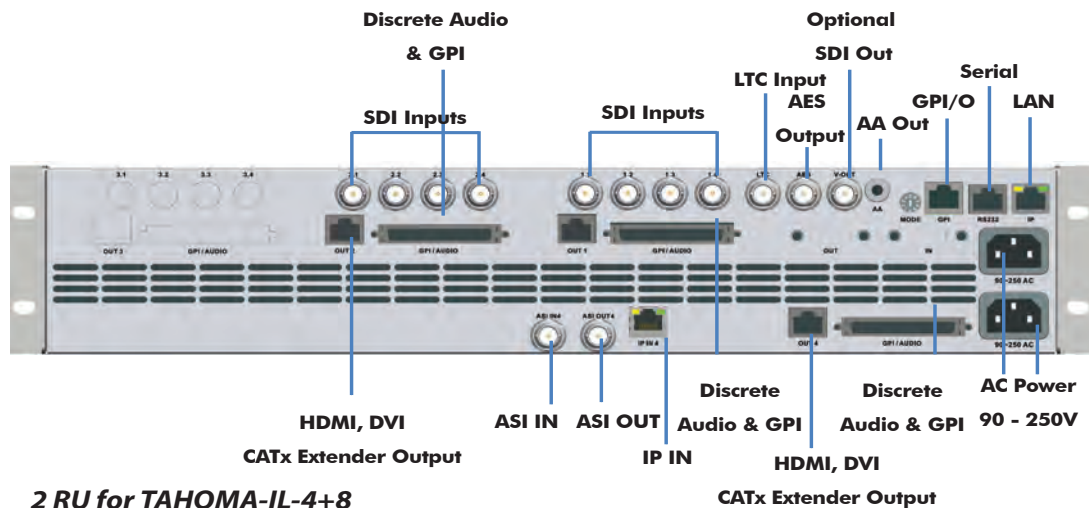
Standard

- 15 feet of CAT5 cable
- DVI and HDMI short distance receiver
- Rack mount
- SCSI to DB9 for GPI
- RJ50 to DB9 for GPI per module
- RJ45 to DB9 for serial
- CD (software, manual)

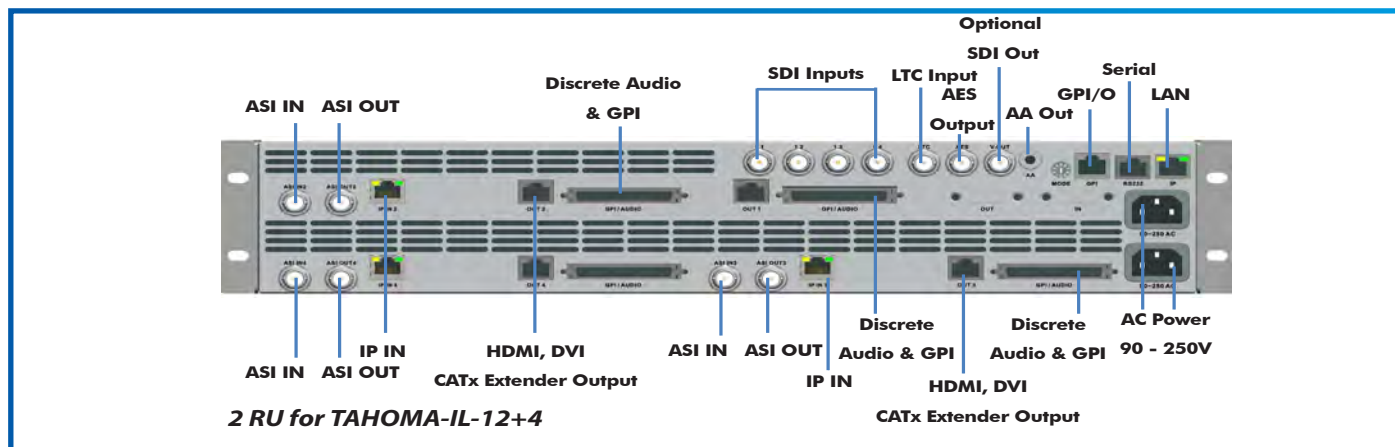
Options

- SDI Output (1 per module)
- Decode second pair of IP audio
- HDMI, DVI, VGA long distance active receivers
- 8 channel AES balanced or unbalanced breakout
- 16 channel AA balanced or unbalanced breakout





IL-X+X "HYBRID" MULTIVIEWER (IP+SDI)



The TAHOMA-IL-4+4, IL-4+8, IL-8+4 Multiviewers have 3 flexible DVI/VGA/HDMI (1.2/3) outputs and an optional SDI output with user selectable resolutions up to 2048x1080 (including 1920x1080p).

OUTPUT	1	2	3
INPUTS	4	4	4
	8		4

The TAHOMA-IL-4+4, IL-4+8, IL-8+4 Multiviewers have 4 flexible DVI/VGA/HDMI (1.2/3) / VGA outputs and an optional SDI output with user selectable resolutions up to 2048x1080 (including 1920x1080p).

OUTPUT	1	2	3	4
INPUTS	4	4	4	4
	4	4	8	
	8		8	
	12			4
	16			

SPECIFICATIONS			
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 1.5 Gbps > 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 (ITU624-2)	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 2 RU
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 1 RU. Standard redundant power supply for 2 RU
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		