

LI-4 / 8 MULTIVIEWER WITH LOOPING INPUTS

Key Features

- Input looping capabilities - for further distribution of signal
- Single frame of processing time
- 4 - 8 auto-detect HD/SD-SDI inputs (3G ready) with active loop
- 4 - 8 auto-detect PAL/NTSC composite inputs with passive input loop
- Available in HD/SD-SDI and composite models
- Upgrade from SD to HD, HD to 3G via software
- 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
- 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
- 3 year limited warranty

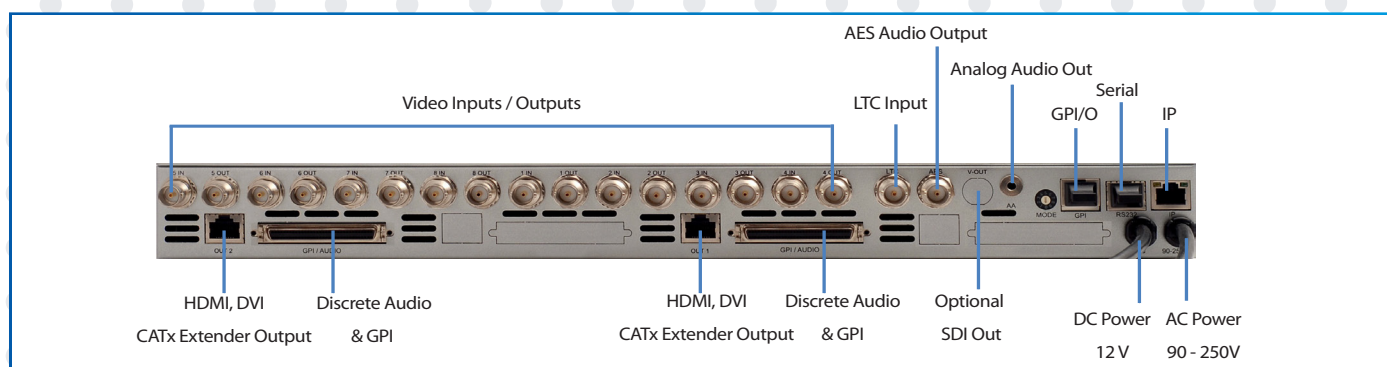
Accessories

Standard

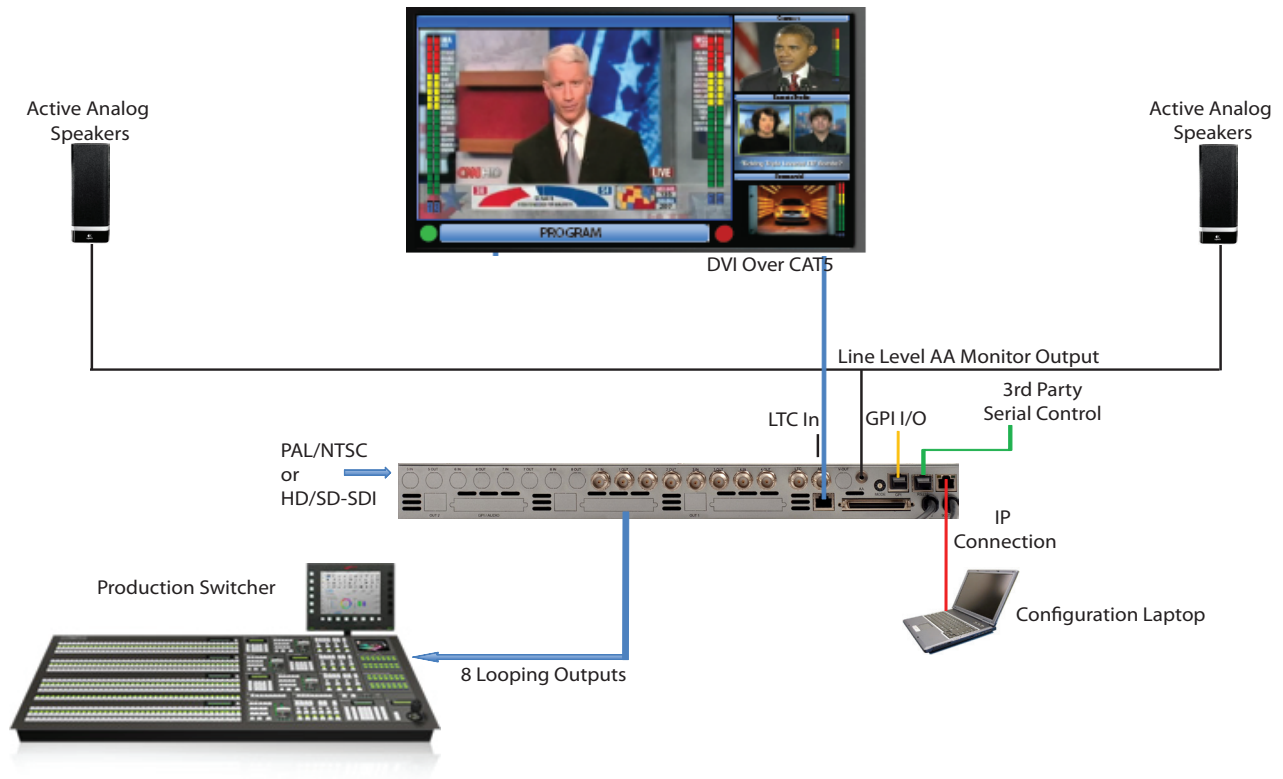
- 15 feet of CAT5 cable
- DVI and HDMI short distance receiver
- Rack mount
- SCSI to DB9 for GPI
- RJ50 to DB9 for GPI per module
- RJ45 to DB9 for serial
- CD (software, manual)

Options

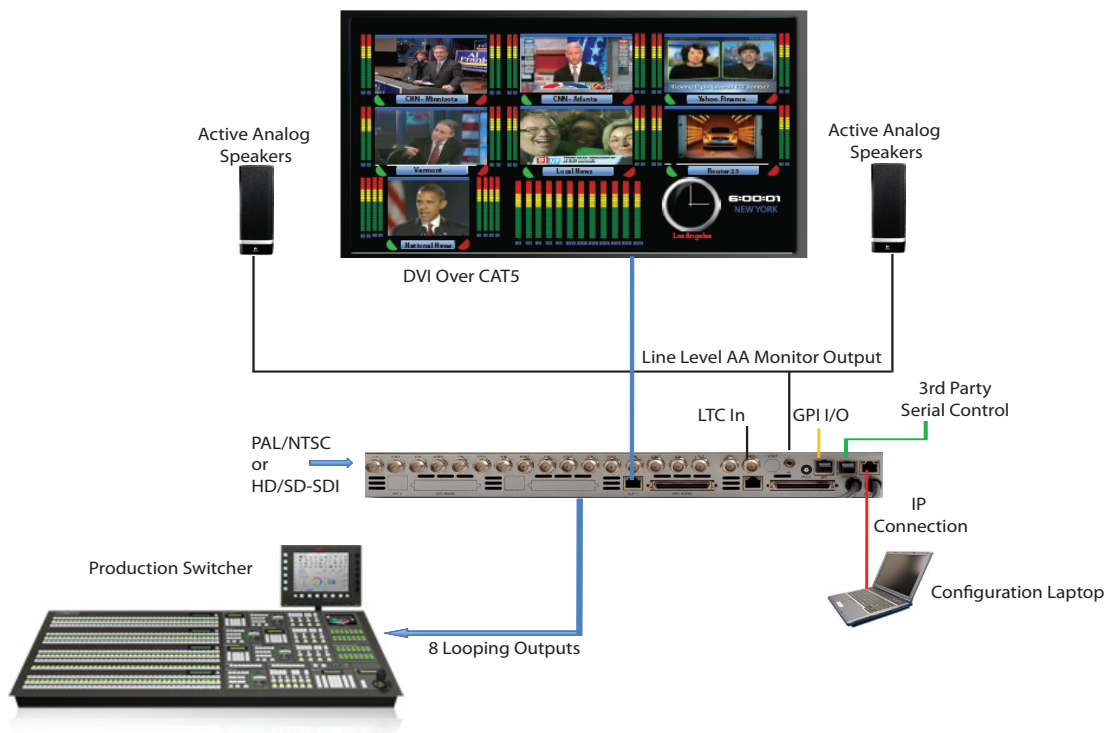
- SDI Output (1 per module)
- HDMI, DVI, VGA long distance active receivers
- 8 channel AES balanced or unbalanced breakout
- 16 channel AA balanced or unbalanced breakout
- Redundant power supply



TAHOMA LI-4 with One Output

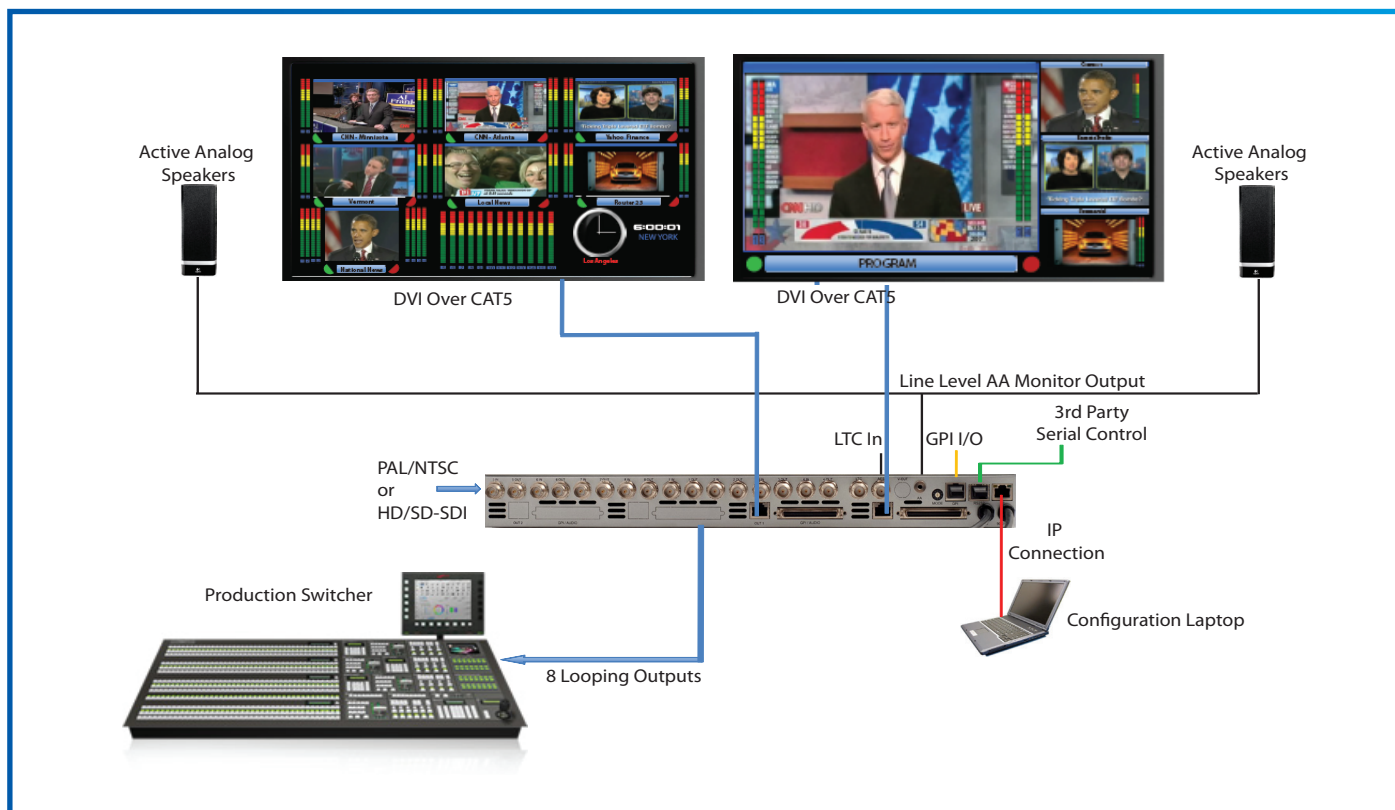


TAHOMA LI-8 with One Output

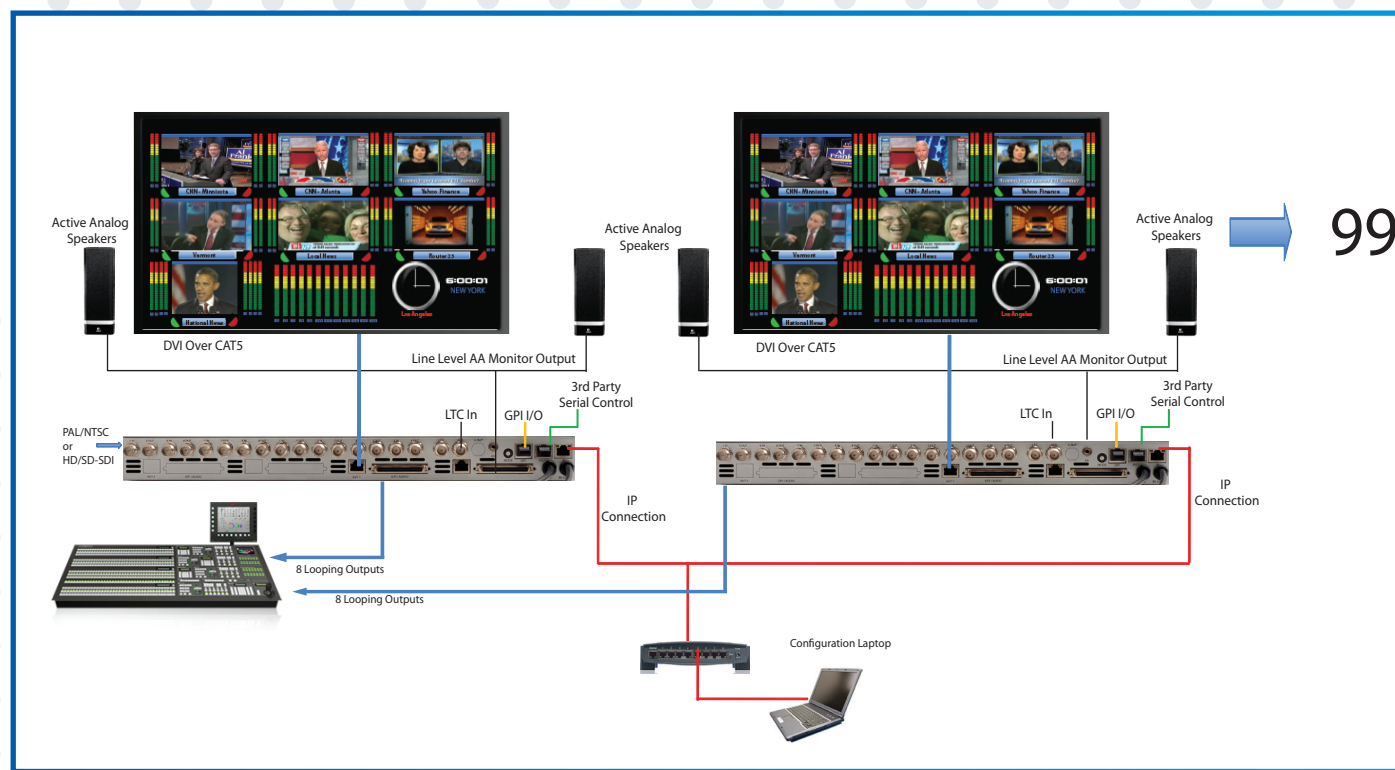


LI-4 / 8 MULTIVIEWER WITH LOOPING INPUTS

TAHOMA LI-8 with Two Outputs



2 x TAHOMA LI-8 on the Same Network



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FLEXIBLE OUTPUTS

The TAHOMA-LI 1RU Multiviewer has 2 flexible DVI/HDMI (1.2/3) / VGA outputs with user selectable resolutions up to 2048x1080 (including 1920x1080p). **The following table shows example of output configurations.**

OUTPUTS	1	2
INPUTS	4	4
	8	

Looping video (LI) inputs for further distribution or duplication of inputs - including 3G up to 140 meters

SPECIFICATIONS

Video Inputs (Looping)	Up to 8 HD/SD-SDI, Composite	Discrete AES Audio	Up to 4 channels / video input (2 pairs, balanced / unbalanced)
Connectors	BNC IEC 61169-8 Annex A	Discrete Analog Audio	Up to 4 channels / video input (2 pairs, balanced / unbalanced)
Total Windows	4 or 8	Outputs	1 -2 DVI, HDMI, VGA (option), 1 SDI (option)
Serial Digital	HD-SDI (SMPTE-292M) and / or SD-SDI (SMPTE-259M-C)	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 CATx Extender	Up to 35 feet. Extend up to 115 feet (with optional active receiver)
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
Embedded Audio	SMPTE-272M-A	General Purpose IO	Up to 24 inputs with DB9 connectors
Composite	NTSC (SMPTE-170M), PAL (ITU624-2)	Serial Port	RS232 with RS422 or 485 option Connector: RJ45, Baud Rate up to 115200 Format, TSL, TSI, AXP
Signal Level	1V nominal	IP	100 Base-Tx, Supported Protocols: TSL, AXP Connector: RJ45
DC Offset	0V, + - 0.1V	Electrical	100W, 90-250V 50/60 Hz
Impedance	75 ohm	EMI/RFI	Complies with FCC Part 15 Class A, CE, EU EMC, C-tick
Return Loss	40db up to 5MHz	Power	Optional redundant power supply
Alarms	No audio, audio high/low, no video, video black, video frozen, WSS, AFD	Size	1 RU, 44.5cm (17.5") W x 50cm (19.7") D
Control	Front panel buttons for quick preset recalls, GPIs, Apantac ASCII Protocol (AXP), Director (Config & control app)		