

LX-20 / 24 / 28 / 32 MULTIVIEWER WITH ROUTER

LX-20 / 24 / 28 / 32 MULTIVIEWER

Key Features

- Built-in routing switcher - any input can be switched to one or more image window regardless of output configuration
- Single frame of processing time
- 32 auto-detect HD/SD-SDI inputs (3G ready) with active loop
- Available in HD/SD-SDI 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 skini 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
- 2 RU with redundant power supply
- 3 year limited warranty



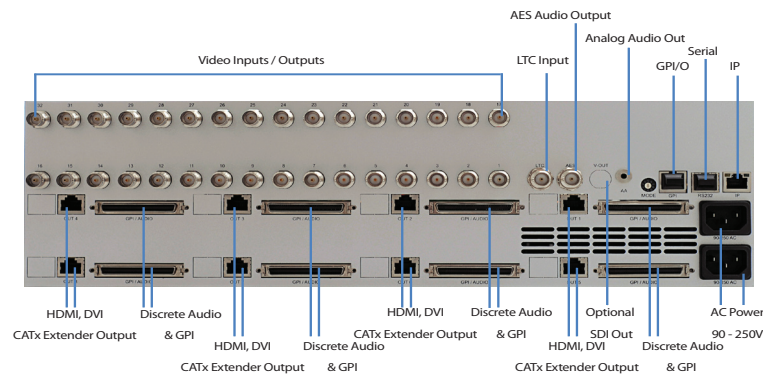
Accessories

Standard

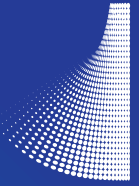
- 15 feet of CAT5 cable
- DVI and HDMI short distance receiver
- Rack mount
- SCSI to DB9 for GPI
- RJ50 to DB9 for GPI per module
- RJ45 to DB9 for serial
- CD (software, manual)

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

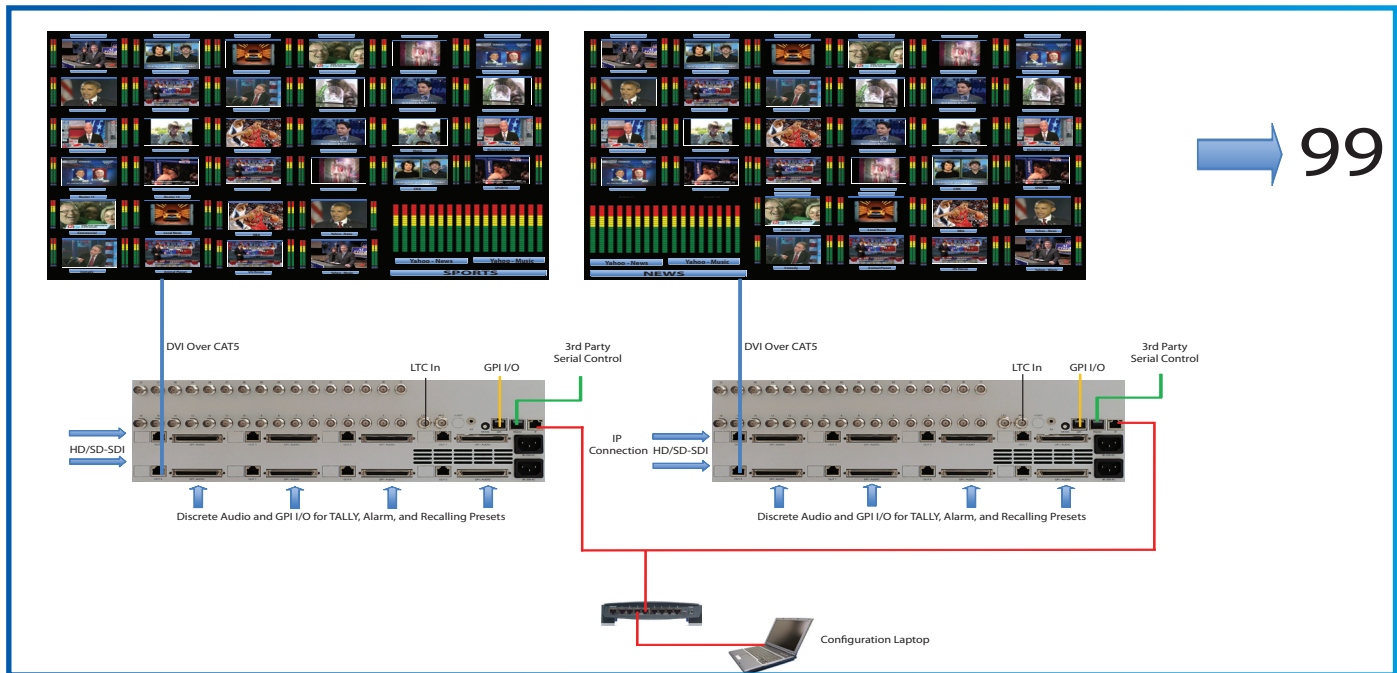


3 RU for TAHOMA-LX-16/32, LX-20, LX-24, LX-28, LX-32

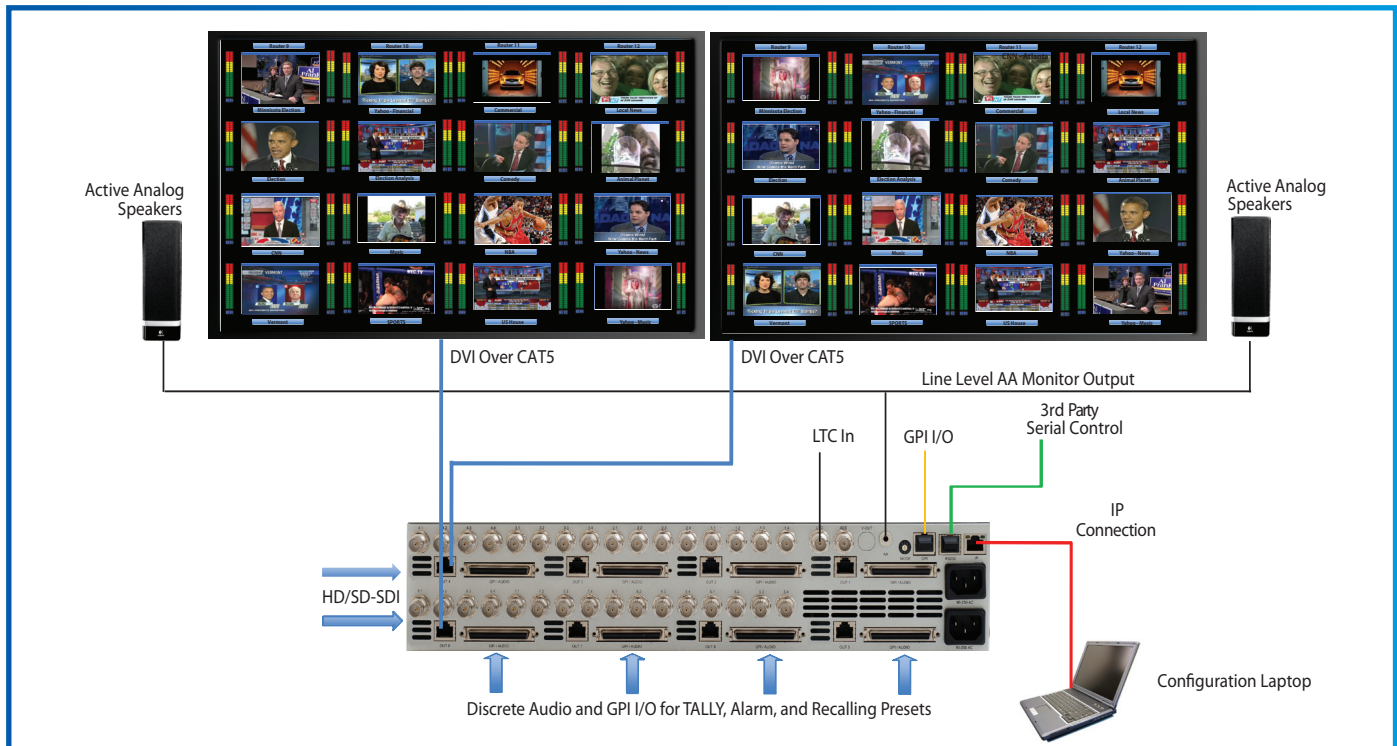


Multiple TAHOMA-LX-32 Modules Controlled on a LAN

- LX-16/32: 32 auto-detect inputs. Built-in 32 x 16 routing switcher. Displays up to 16 images. 4 Multiviewer outputs
 - LX-20: 32 auto-detect inputs. Built-in 32 x 20 routing switcher. Displays up to 20 images. 5 Multiviewer outputs
 - LX-24: 32 auto-detect inputs. Built-in 32 x 24 routing switcher. Displays up to 24 images. 6 Multiviewer outputs
- See flexible output section for capabilities.



TAHOMA-LX-32 with 2 Outputs, 16 Windows Each



LE-SERIES
LI-SERIES
LX-SERIES
HYBRID
UNIVERSAL
MINI
ULTRA
IP

TAHOMA-LX-32 with 4 Outputs, 8 Windows Each

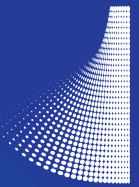
- LX-28: 32 auto-detect inputs. Built-in 32 x 28 routing switcher. Displays up to 28 images. 7 Multiviewer outputs
 - LX-32: 32 auto-detect inputs. Built-in 32 x 32 routing switcher. Displays up to 32 images. 8 Multiviewer outputs
- See flexible output section for capabilities.



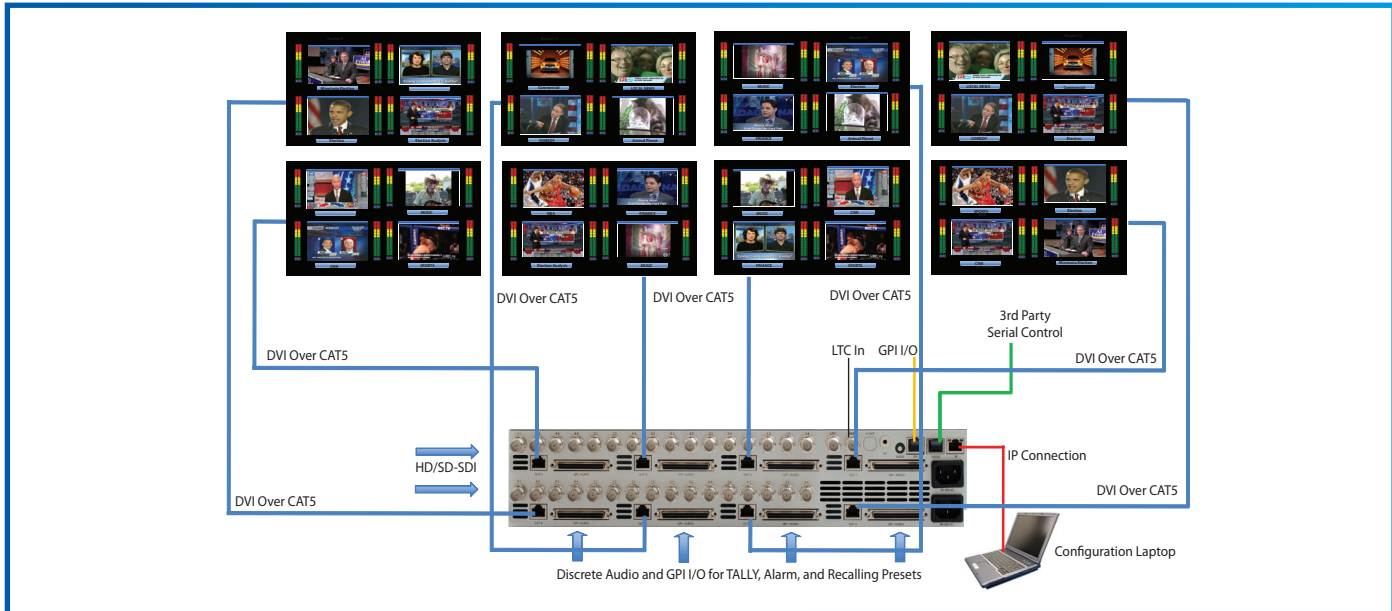
FLEXIBLE OUTPUTS

The TAHOMA-LX 3 RU Multiviewer has 8 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	3	4	5	6	7	8	
INPUTS	4	4	4	4	4	4	4	4	
	4	4	4	4	4	4	8		
	4	4	4	4	8		8	8	
	4	4	8		8		8	8	
	8		8		8		8		
	4	8		8			12		
	4	4	8		16				
	8		12			12			
	4	8			20				
	4	12				16			
	8		8			16			
	4	8			20				
	4	4	24						
	4	28							
	8		24						
	12			20					
16				16					
32									



TAHOMA-LX-32 with 8 Outputs, 4 Windows Each



SPECIFICATIONS

Video Inputs	32 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 , 8, 16, 20, 24, 28 or 32	Outputs	4-8 DVI, HDMI, VGA (optional), 1 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 (option) Up to 300 feet with HD Base T Extender (option) Up to 1500 feet with Fiber Extender (option)
Return Loss	> 15db up to 1.5 Gbps > 10db up to 3G	On Screen Display	Skin Technology for customizing borders, labels (4/window), fonts, tally LEDs, clock faces, logos, UMD, OMD, IMD, dynamic UMD
Embedded Audio	SMPTE-272M-A	General Purpose IO	Up to 72 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, TSL, AXP Connector: RJ45
DC Offset	0V, + - 0.1V	Electrical	200W, 90 - 250V 50/60 Hz
Impedence	75	EMI/RFI	Complies with FCC Part 15 Class A, CE, EU EMC, C-tick
Return Loss	40db up to 5MHz	Power	Standard redundant over supply
Alarms	No audio, audio high/low, no video, video black, video frozen, WSS, AFD	Size	3RU, 44.5 cm (17.5") W x 60 cm (23.6") D
Control	Front panel buttons for quick preset recalls, GPIs, Apantac ASCII Protocol (AXP), Director (Config & control app)		