

TAHOMA

LE-20 / 24 / 28 / 32 MULTIVIEWER



Key Features

- Single frame processing delay
- 4 - 32 auto-detect HD/SD-SDI, PAL/NTSC inputs (3G ready)
- Available in 3 versions: Composite, SD-SDI & Composite, and HD/SD-SDI & Composite
- 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 2048x1080 (incl. 1080p)
- Built-in CATx extender - extend 1080p up to 115 feet with optional receivers
- 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
- 2 RU with standard redundant power supplies
- 3 year limited warranty

Accessories

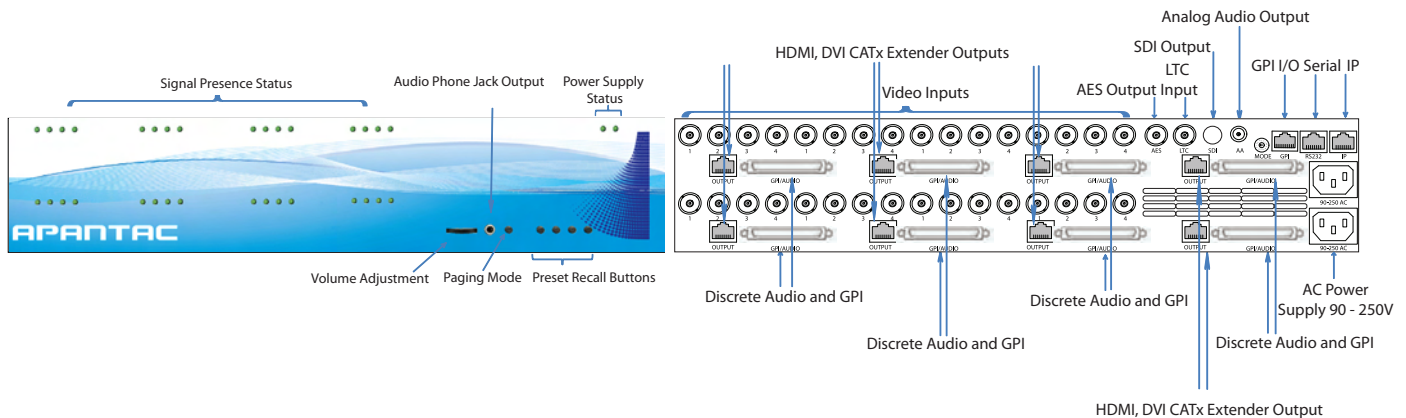
Standard

- 15 feet of CAT5 cable
- RJ45 to DVI Receiver
- RJ45 to HDMI Receiver
- Rack mount
- SCSI to DB9 for GPI
- RJ50 to DB9 for GPI
- RJ45 to DB9 for Serial
- CD (software, manual)

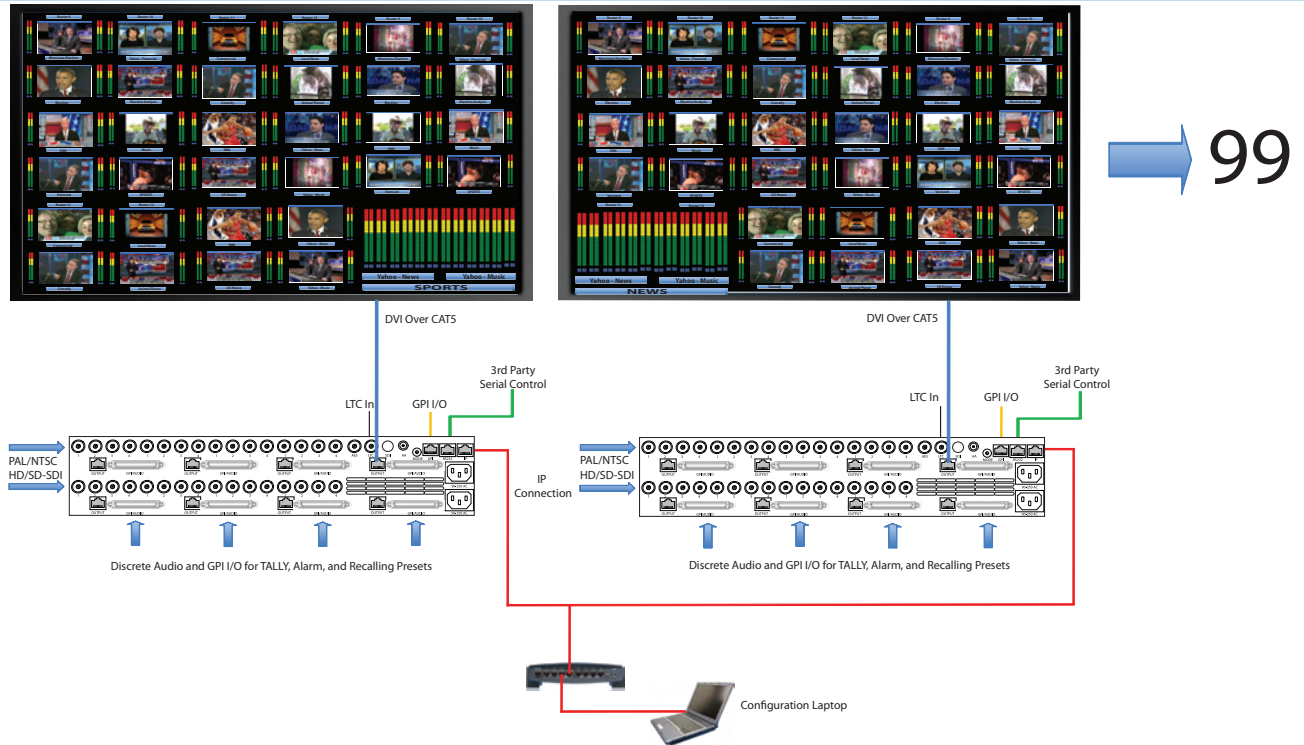
Options

- SDI Output
- RJ45 (HDMI) to VGA Receiver
- 8 channel AES balanced or unbalanced breakout
- 16 channel AA balanced or unbalanced breakout

TAHOMA-LE-20 / 24 / 28 / 32 Front / Rear Panel

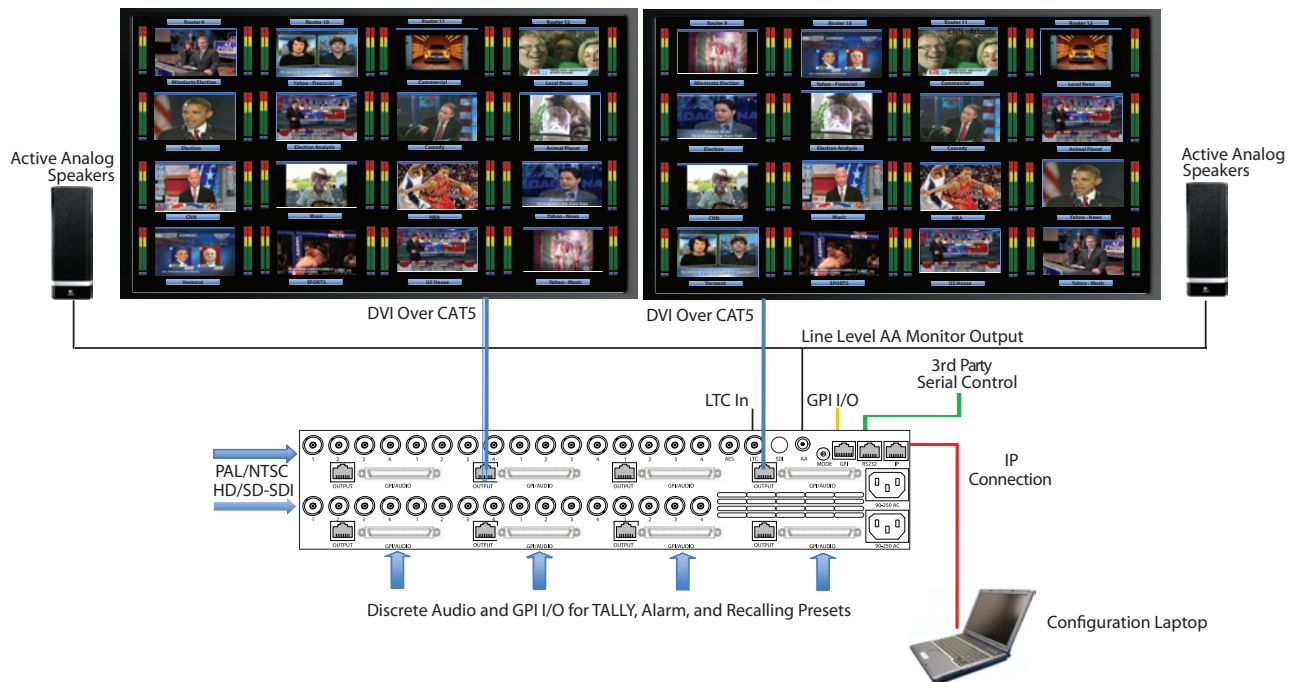


Multiple TAHOMA-LE-32 Modules Controlled on a LAN

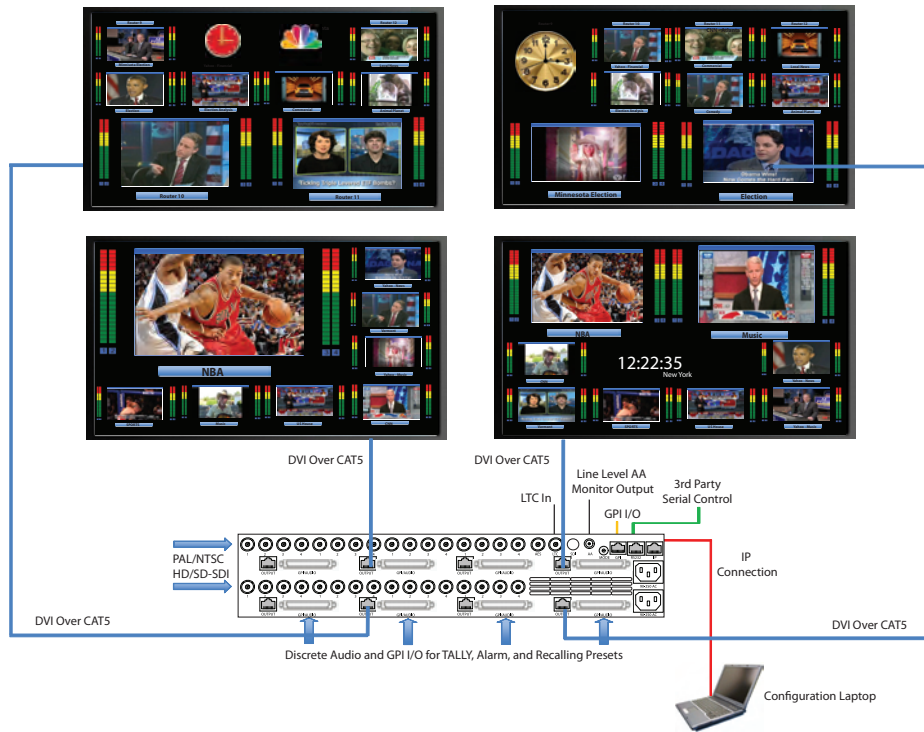


➔ 99

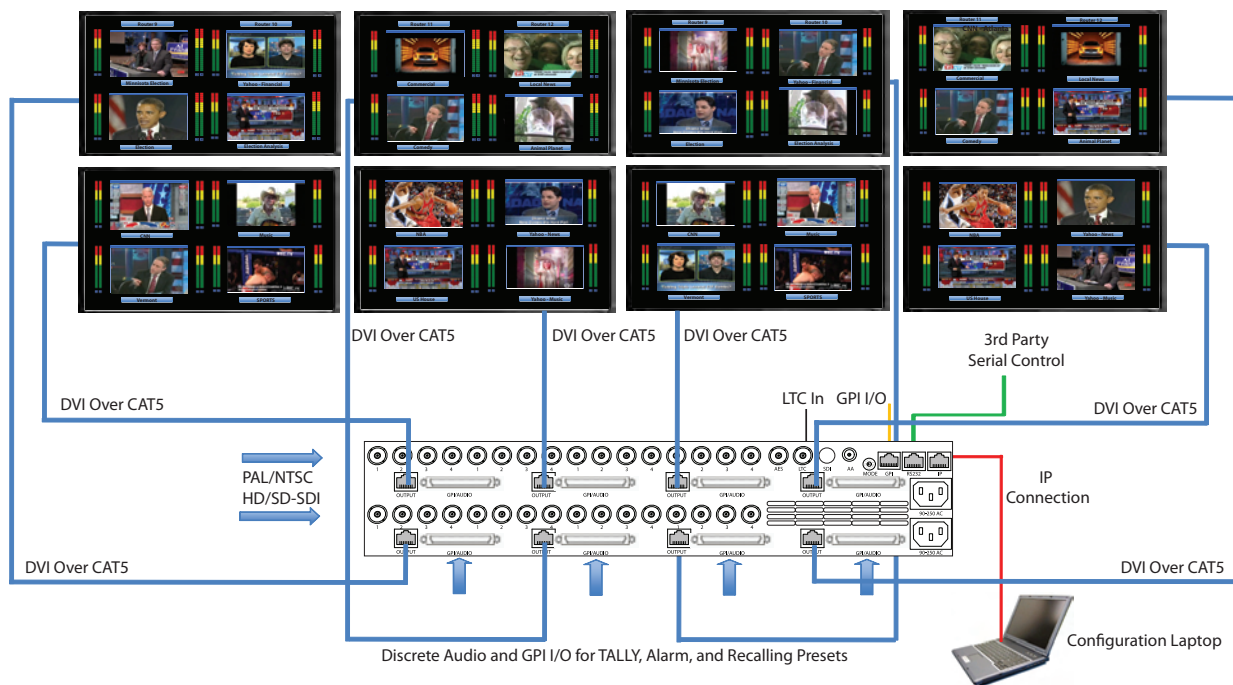
TAHOMA-LE-32 with 2 Outputs, 16 Windows Each



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



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



FLEXIBLE OUTPUTS

The TAHOMA-LE-32 2 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 all of the various 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			
	4	4	8		8		8			
	8		8		8		8			
	4	8		8		12				
	4	4	8		16					
	8		12			12				
	4	12			16					
	8		8		16					
	4	8		20						
	4	4	24							
	4	28								
	8		24							
	12			20						
	16				16					
32										

The TAHOMA LE-32 2 RU Frame also supports the following models:

- TAHOMA-LE-20 -- 20 auto-detect HD/SD-SDI, PAL/NTSC inputs
- TAHOMA-LE-24 -- 24 auto-detect HD/SD-SDI, PAL/NTSC inputs
- TAHOMA-LE-28 -- 28 auto-detect HD/SD-SDI, PAL/NTSC inputs

SPECIFICATIONS

Video Inputs	Up to 32 HD/SD-SDI, Composite	AES Audio	8 channels, 75 ohm via BNC
Connectors	BNC IEC 61169-8 Annex A	Analog Stereo Audio	16 channels, via phone jack
Total Windows	4, 8, 12, 16, 20, 24, 28, or 32	Embedded Audio	SMPTE-272M-A
Serial Digital	HD-SDI (SMPTE-292M) and / or SD-SDI (SMPTE-259M-C)	Outputs	1-8 DVI, HDMI, VGA (option), 1 SDI (option)
Equalization	100m for HD-SDI, 300m for SD-SDI	Output Resolution	800 x 480 - 2048 x 1080 (1080p)
Return Loss	>15db up to 270Mb/s	Built-in CATx Extender	Up to 35 feet, extend up to 115 feet (option)
Embedded Audio	SMPTE-272M-A	On Screen Display	Skin Technology for customizing borders, labels (4 / window), fonts, tally LEDs, clock faces, logos, UMD, OMD, IMD, dynamic UMD
Composite	NTSC (SMPTE-170M), PAL (ITU624-2)	General Purpose IO	72 inputs with DB9 connectors
Signal Level	IV nominal	Serial Port	RS232 with RS422 or 485 option Connector RJ45, Baud Rate Up to 115200, Format : TSL, TSI, AXP
DC Offset	0V, +-0.1V	IP	100 Base-TX, TSL, AXP Connector: RJ45
Input Impedance	75 ohm	Electrical	200W , 90-250V 50/60 Hz
Return Loss	40db up to 5MHz	EMI/RFI	Complies with FCC Part 15, Class A, CE, EU EMC, C-tick
Alarms	No audio, audio high / low, no video, video black, video frozen	Power	Standard redundant power supplies
Control	Front panel buttons for quick preset recalls, GPs, Apantac ASCII Protocol (AXP), Director (config & control app)	Size	2RU, 44.5cm (17.5")W x 60cm (23.6") D