

LE-8/12/16 MULTIVIEWER

Key Features

- Single frame processing delay
- 4 -16 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 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
- 1 RU with optional redundant power supply
- 3 year limited warranty



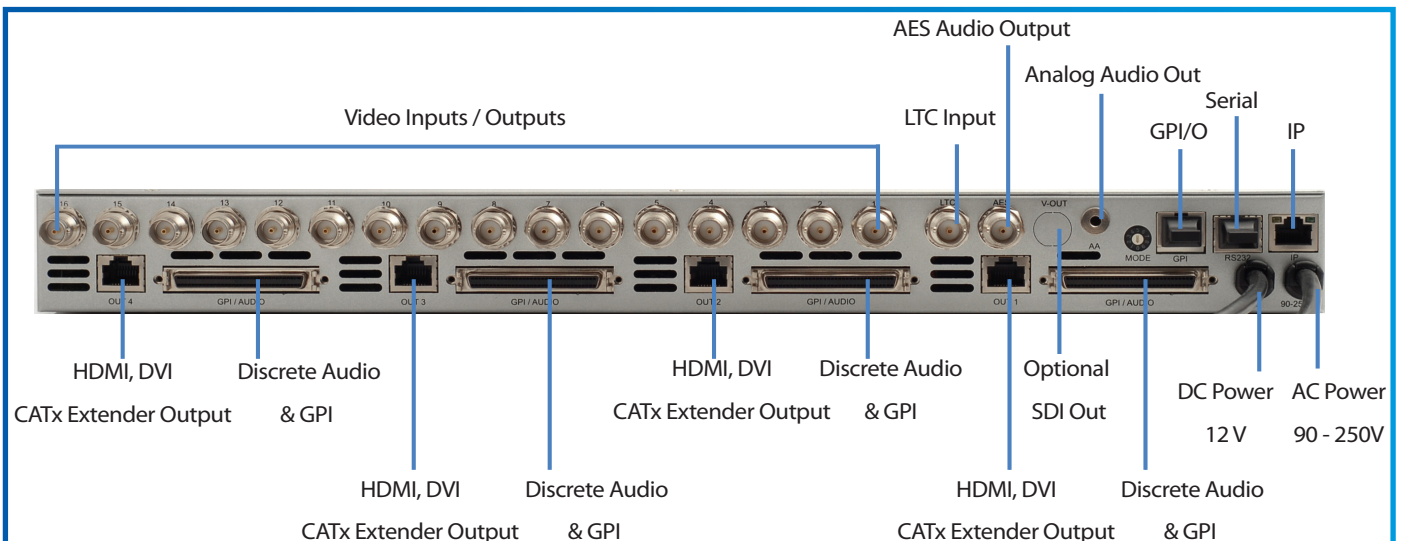
Accessories

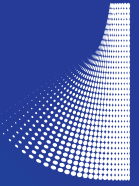
Standard

- 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)

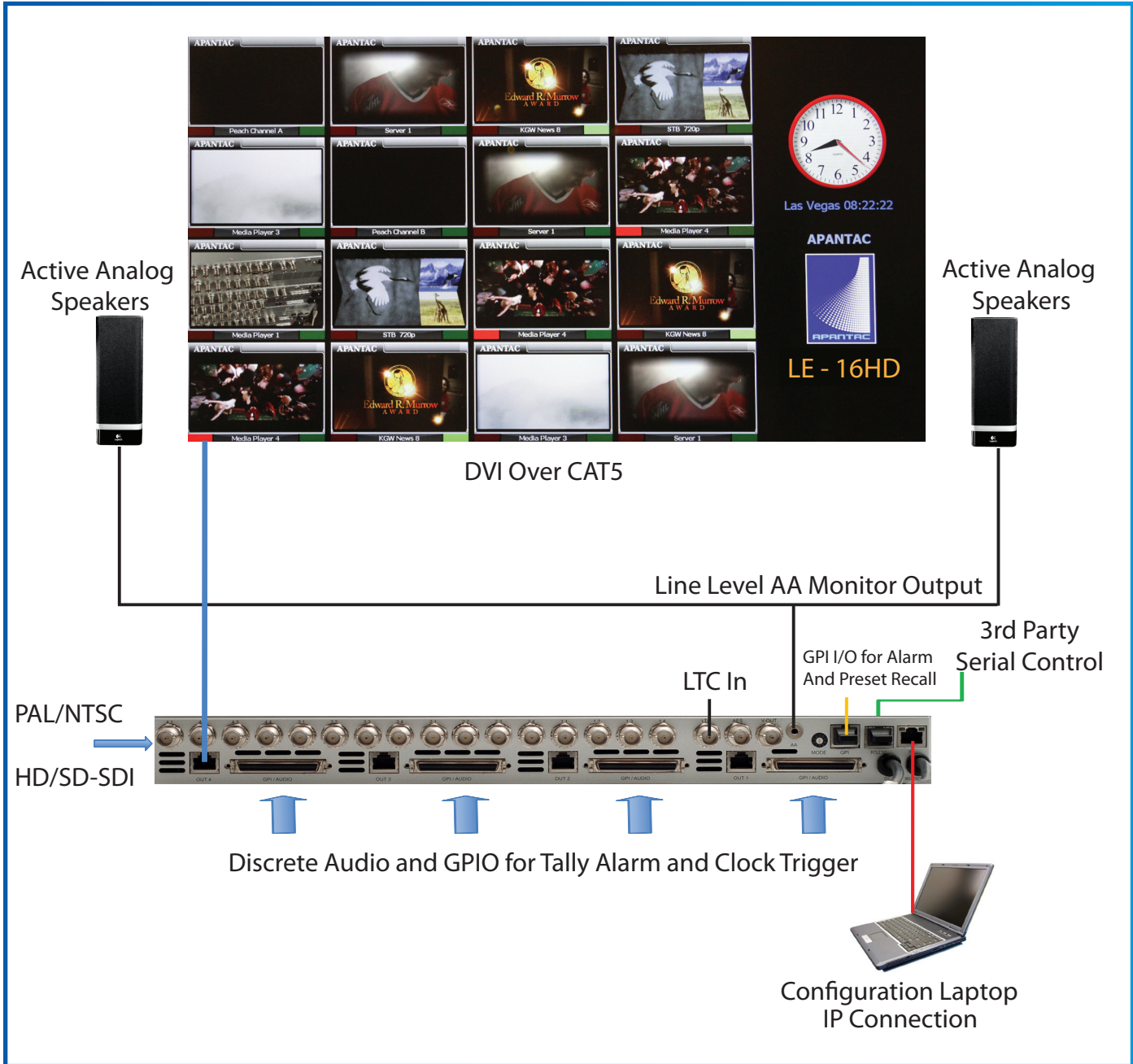
Options

- 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

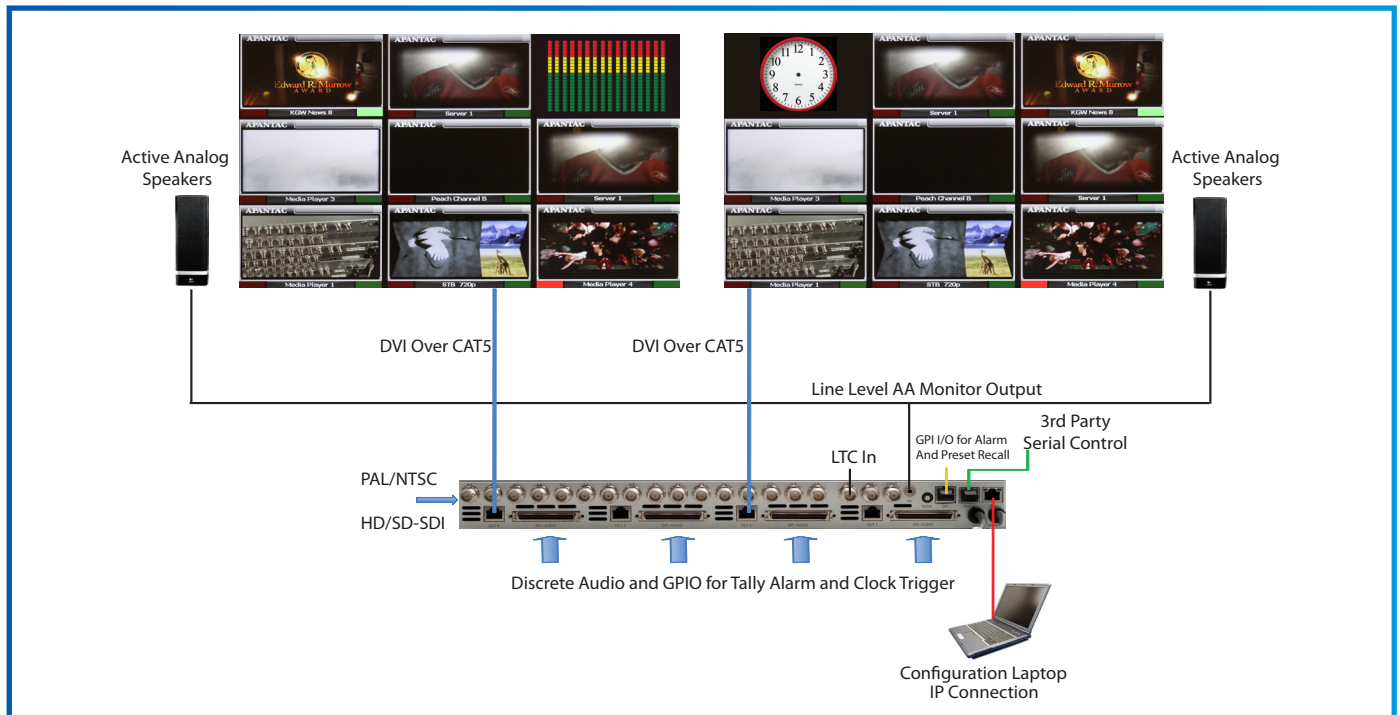




TAHOMA LE-16 with Single Output

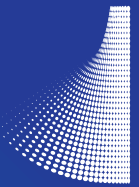


TAHOMA LE-16 with Two Outputs

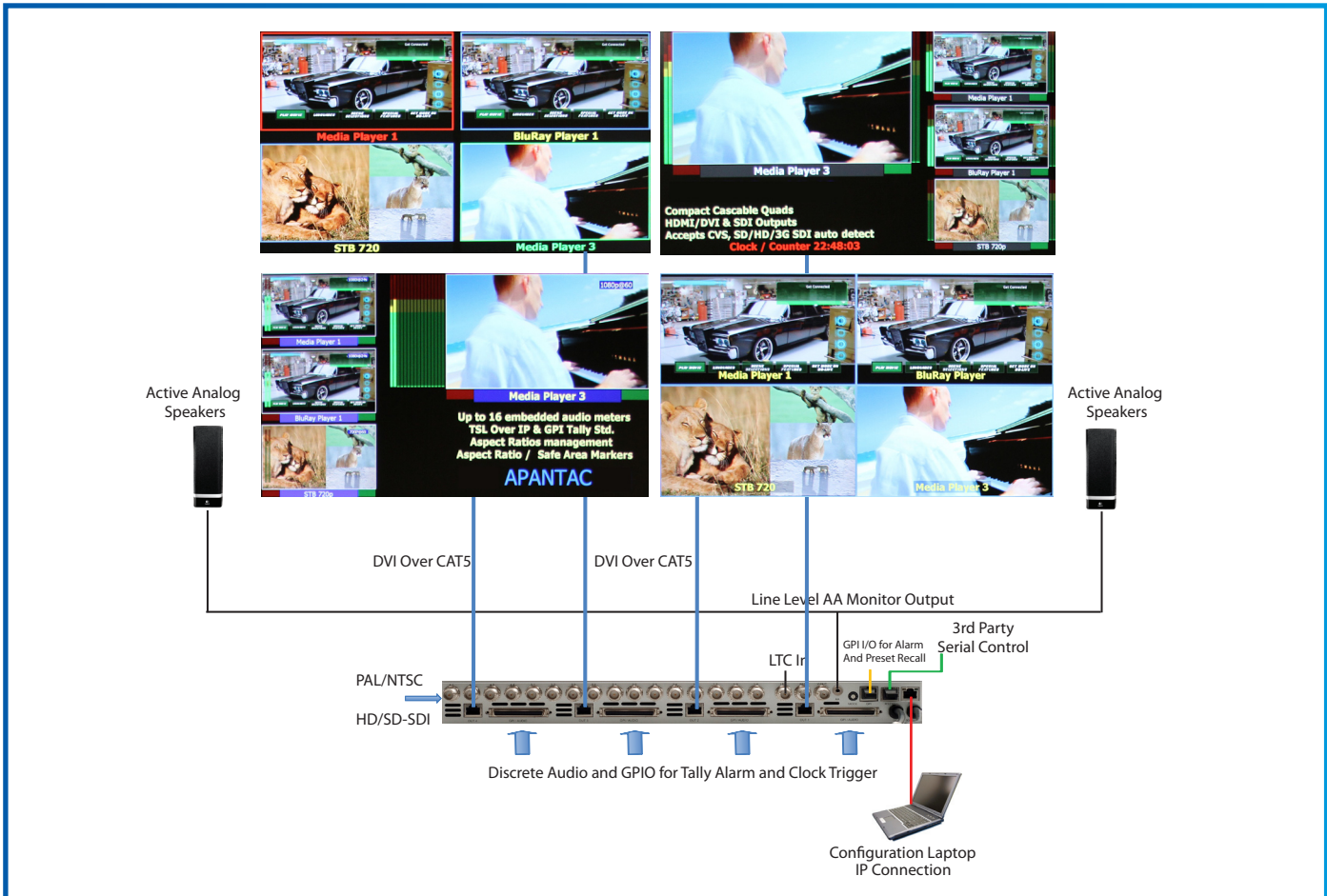


SPECIFICATIONS

Video Inputs	Up to 16 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 (balanced/unbalanced)
Total Windows	4, 8, 12 or 16	Outputs	1-4 DVI, HDMI, VGA (option), 1 SDI (option)
Serial Digital	SMPTE 424M, SMPTE 292M, SMPTE 259M	Output Resolution	800 x 480 - 2048 x 1080 (1080p)
Equalization	120m at 2.97 Gbps, 140m at 1.485 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 per window), fonts, tally LEDs, clock faces, logos, UMD, OMD, IMD, dynamic UMD
Embedded Audio	SMPTE-272M-A	General Purpose IO	Up to 144 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	400W, 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	Redundant Power Supplies
Alarms	No audio, audio high/low, no video, video black, video frozen, WSS, AFD	Size	4 RU, 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)		



TAHOMA LE-16 with Four Outputs



The TAHOMA-LE-16 Multiviewer has 4 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
INPUTS	4	4	4	4
	4	4	8	
	8			8
	12			4
16				

The TAHOMA-LE-16 1 RU frame also supports the following models:

- TAHOMA-LE-8 - 8 auto-detect HD/SD-SDI, PAL/NTSC inputs
- TAHOMA-LE-12 - 12 auto-detect HD/SD-SDI, PAL/NTSC inputs