

# 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 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

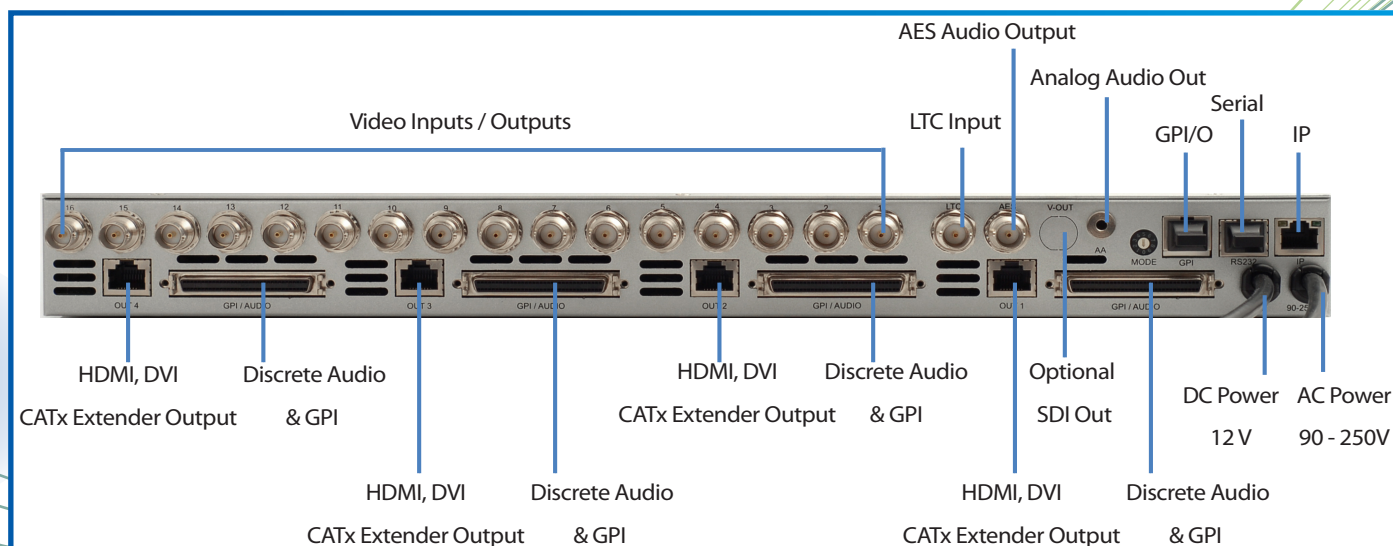
## Accessories

### Standard

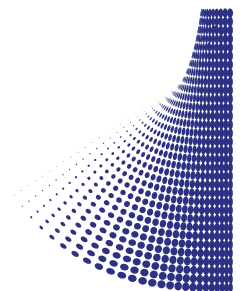
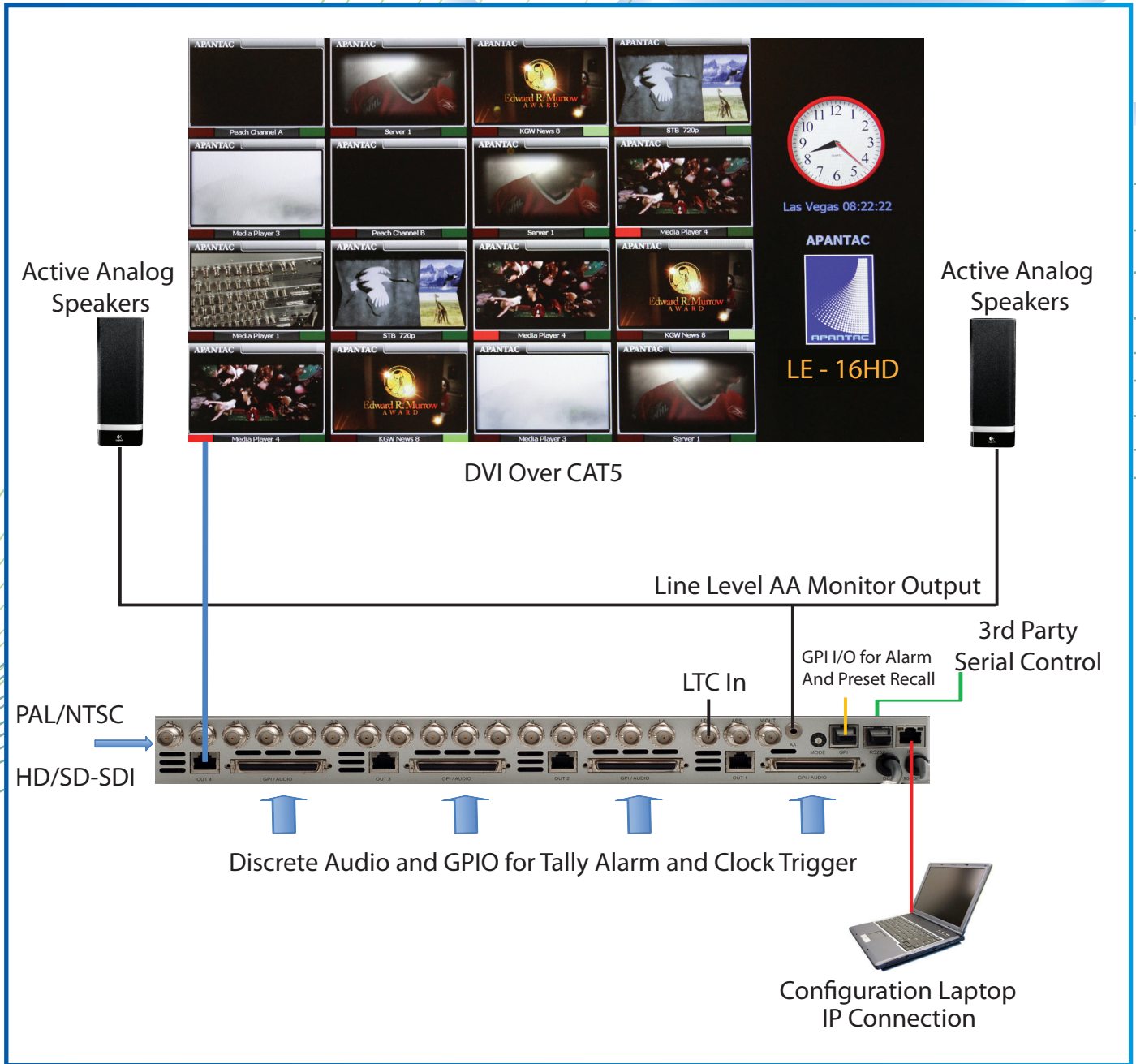
- 15 feet of CAT5 cable
- DVI and HDMI short distance receiver
- Rack mount
- SCSI to DB9 for GPI
- RJ50 to DB9 for GPI per module
- RJ45 to DB9 for serial
- CD (software, manual)

### Options

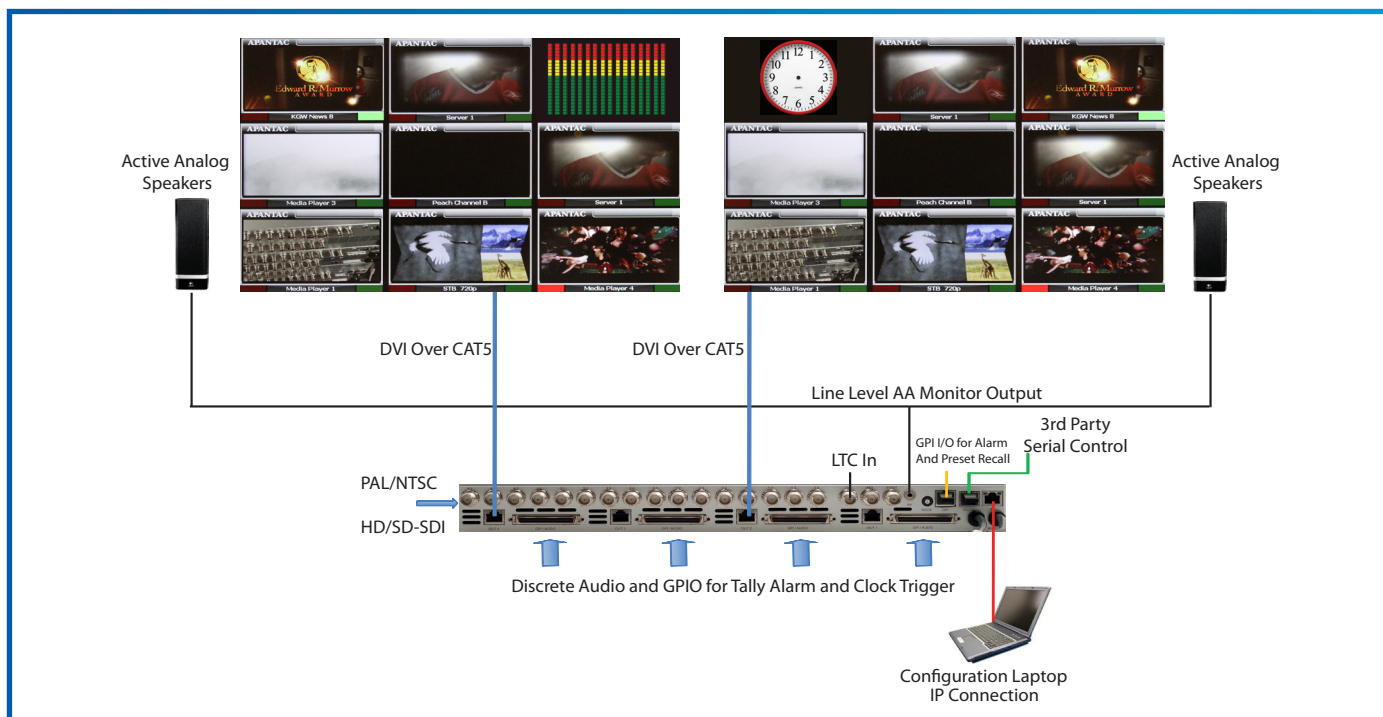
- SDI Output (1 per module)
- HDMI, DVI, VGA long distance active receivers
- 8 channel AES balanced or unbalanced breakout
- 16 channel AA balanced or unbalanced breakout
- Redundant power supply



# TAHOMA LE-16 with Single Output



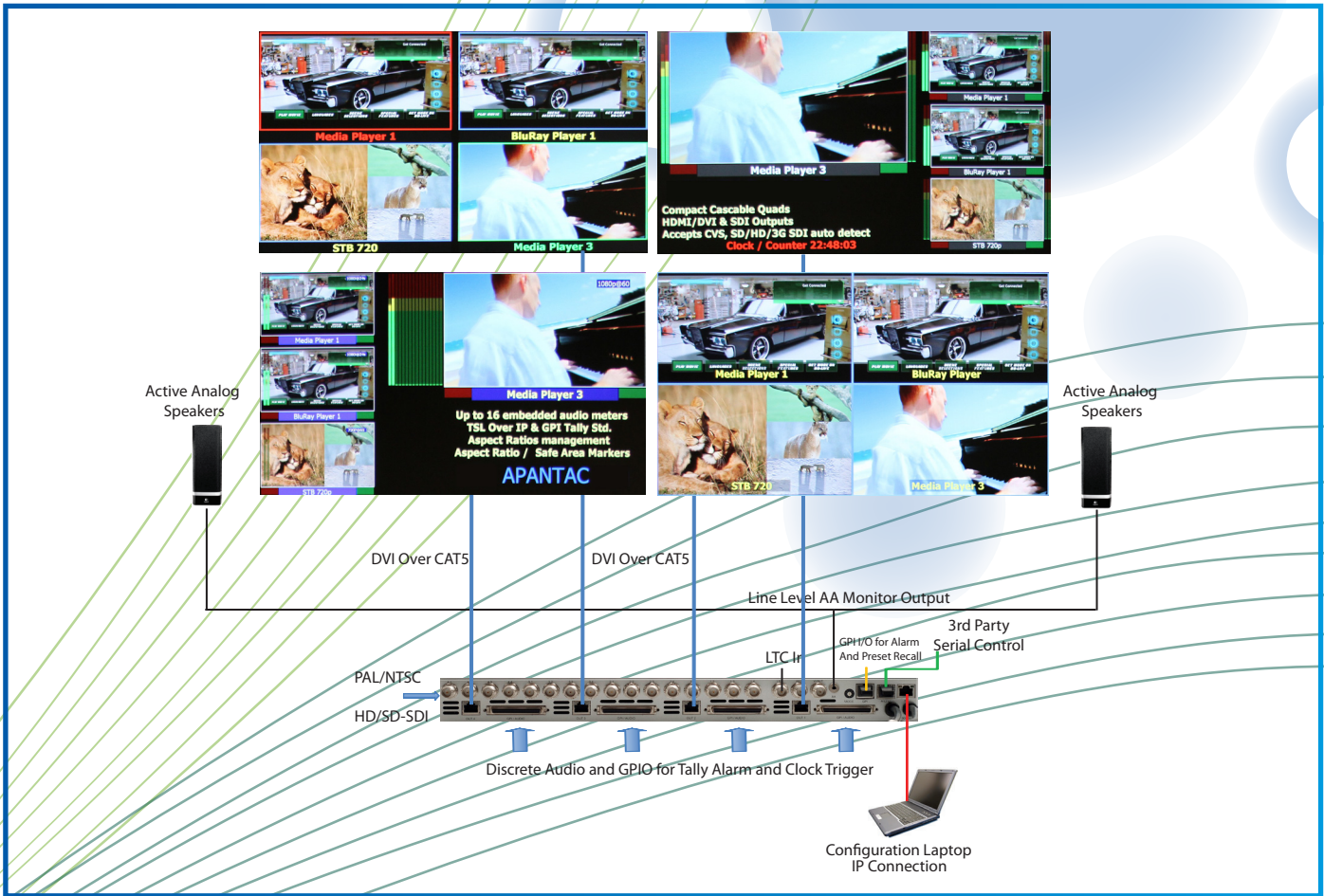
## TAHOMA LE-16 with Two Outputs



### SPECIFICATIONS

<b>VIDEO INPUTS</b>	Up to 16 HD/SD-SDI, composite	<b>Discrete AES Audio</b>	Up to 4 channels/video input (2 pairs, balanced/unbalanced)
<b>Connectors</b>	BNC IEC 61169-8 Annex A	<b>Discrete Analog Audio</b>	Up to 4 channels/video input (balanced/unbalanced)
<b>Total Windows</b>	4, 8, 12 or 16	<b>Outputs</b>	1-4 DVI, HDMI, VGA (option), 1 SDI (option)
<b>Serial Digital</b>	SMPTE 424M, SMPTE 292M, SMPTE 259M	<b>Output Resolution</b>	800 x 480 - 2048 x 1080 (1080p)
<b>Equalization</b>	120m at 2.97 Gbps, 140m at 1.485 Gbps, 400m at 270 Mbps with Belden 1694A	<b>Built-in Extender</b>	Up to 35 feet with passive receiver Up to 115 feet with active receiver (option) Up to 300 feet with HDBaseT Extender (option) Up to 1500 feet with Fiber Extender (option)
<b>Return Loss</b>	> 15db up to 1.5 Gbps > 10db up to 3G	<b>On Screen Display</b>	Skin Technology for customizing borders, labels ( 4 per window), fonts, tally LEDs, clock faces, logos, UMD, OMD, IMD, dynamic UMD
<b>Embedded Audio</b>	SMPTE-272M-A	<b>General Purpose IO</b>	Up to 144 inputs with DB9 connectors
<b>Composite</b>	NTSC (SMPTE-170M), PAL (ITU624-2)	<b>Serial Port</b>	RS232 with RS422 or 485 option Connector: RJ45, Baud Rate up to 115200 Format, TSL, TSI, AXP
<b>Signal Level</b>	1V nominal	<b>IP</b>	100 Base-Tx, TSL, AXP Connector: RJ45
<b>DC Offset</b>	0V, + - 0.1V	<b>Electrical</b>	400W, 90 - 250V 50/60 Hz
<b>Impedence</b>	75 Ohm	<b>EMI/RFI</b>	Complies with FCC Part 15 Class A, CE, EU EMC, C-tick
<b>Return Loss</b>	40db up to 5MHz	<b>Power</b>	Redundant Power Supplies
<b>Alarms</b>	No audio, audio high/low, no video, video black, video frozen, WSS, AFD	<b>Size</b>	4 RU, 44.5 cm (17.5") W x 60 cm (23.6") D
<b>CONTROL</b>	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

