

TAHOMA CLASSIC Multiviewer

LI-16 HD

Up to 16 input 3G/HD/SD-SDI, PAL/NTSC input Multiviewer with Looping inputs



Key Features

- Single frame of processing delay
- Accepts up to 16 auto detect 3G(Level A)/HD/SD-SDI, PAL/NTSC inputs with SDI looping inputs
- Decode and display up to 16 channels of embedded audio
- 4 channels of discrete audio per input (optional)
- Output resolution up to 1920x1080P@60Hz
- Built-in CATx extender for Gen I, Physical HDMI connector for Gen II
- Multiple labels per video windows - UMD, IMD, OMD and standalone labels
- Automatic input aspect ratio detection
- Decodes closed captioning on Line 21, 608/708
- Video presence/format, video black, video frozen alarms
- Audio presence, audio high/low alarms
- Front panel headphone jack with volume adjustment for audio monitoring
- Front panel buttons for quick preset recalls
- 1 RU
- Optional redundant power supply
- 3 year warranty

Accessories

Standard

- 15 feet of CATx FTP cable (Gen I)
- DVI and HDMI short distance receiver (Gen I)
- Rack-mounts
- SCSI to DB9 cable for GPI
- RJ50 to DB9 cables for GPI per module
- Breakout terminal blocks
- RJ45 to DB9 cable for serial (RS-232)
- Analog audio breakout cable

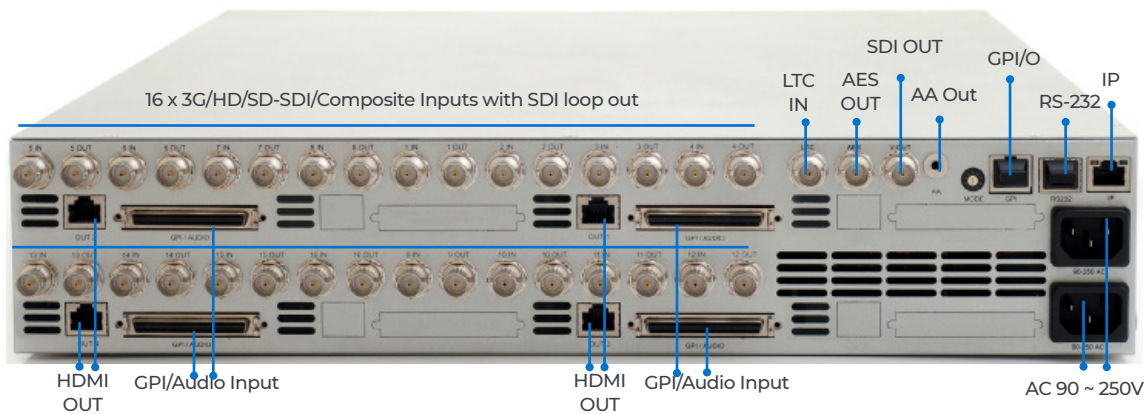
Optional

- SDI output
- HDMI-1-R long distance receiver (115 ft)
- 8 channel AES balanced or unbalanced breakout
- 16 channel AA balanced or unbalanced breakout
- Redundant power supply

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Rear View



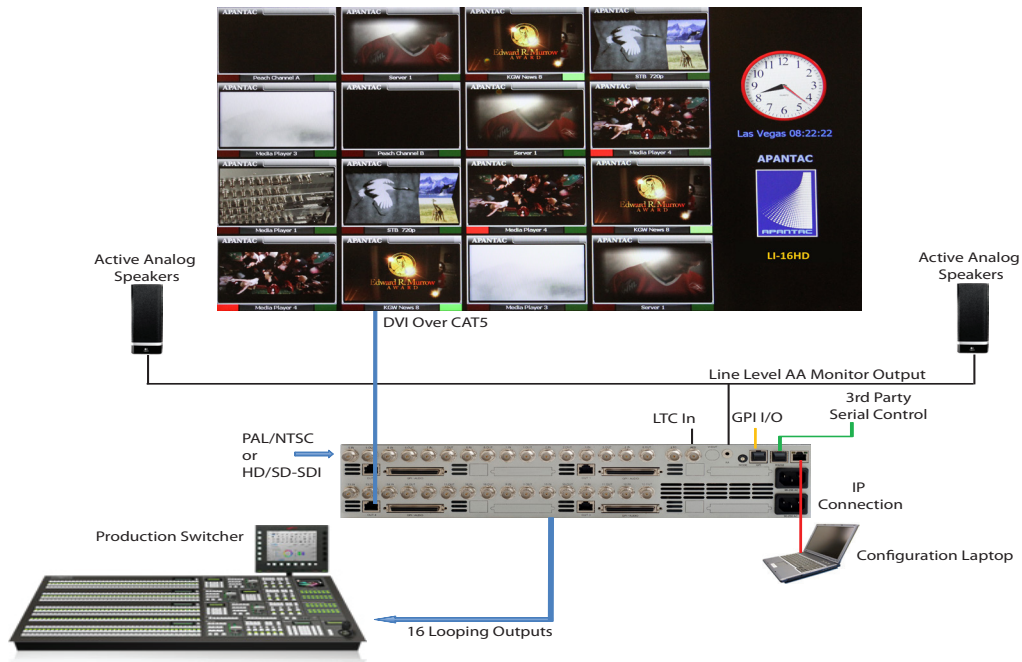
Specifications

Video Inputs	Up to 16 3G/HD/SD-SDI, Composite with SDI loop out	Discrete AES Audio	4 channels / video input
Connectors	BNC IEC, 61169-8 Annex A	Discrete AA Audio	4 channels / video input
Total Windows	4, 8	Outputs	HDMI (Gen II), RJ45 (Gen I), SDI (option)
Serial Digital	3G (Level A), HD/SD-SDI	Output Resolution	800x400 to 1920x1080P @ 60Hz
Equalization	70 m at 11.88 Gbps, 120m at 2.97 Gbps, 140m at 1.485 Gbps	On Screen Display	Borders, Labels, Clocks, Logo, UMD, OMD, IMD, Audio meters
Return Loss	> 15 db up to 1,485 Gbps > 10 db up to 2.97 Gbps	General Purpose IO	40 inputs with DB9 connector
Embedded Audio	SMPTE-272M-A, SMPTE 299M	Serial Port	RS-232 via RJ45 to DB9 cable
Composite	NTSC(SMPTE 170M), PAL (ITU624-2)	IP	100 BaseTx
Signal Level	1V nominal	Electrical	100W, 90- 250 V 50/60Hz
DC Offset	0V, + - 0.1V	EMI/RFI	FCC Part 15, Class A, CE, C-tick
Impedance	75 ohm	Power	Optional redundant power supply
Return Loss	40 db up to 5MHz	Size	1 RU, 445 mm x 600 mm (WxD)
Alarms	No audio, audio high/low, No video, black, frozen		

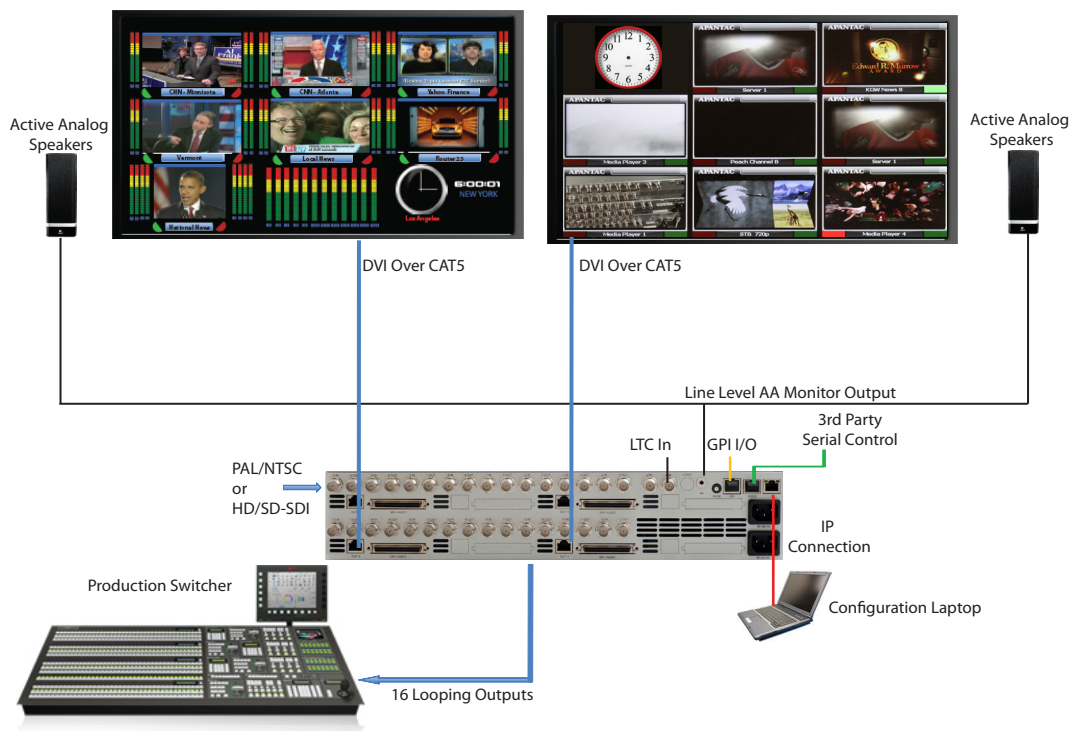
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TAHOMA LI-16 with One Outputs

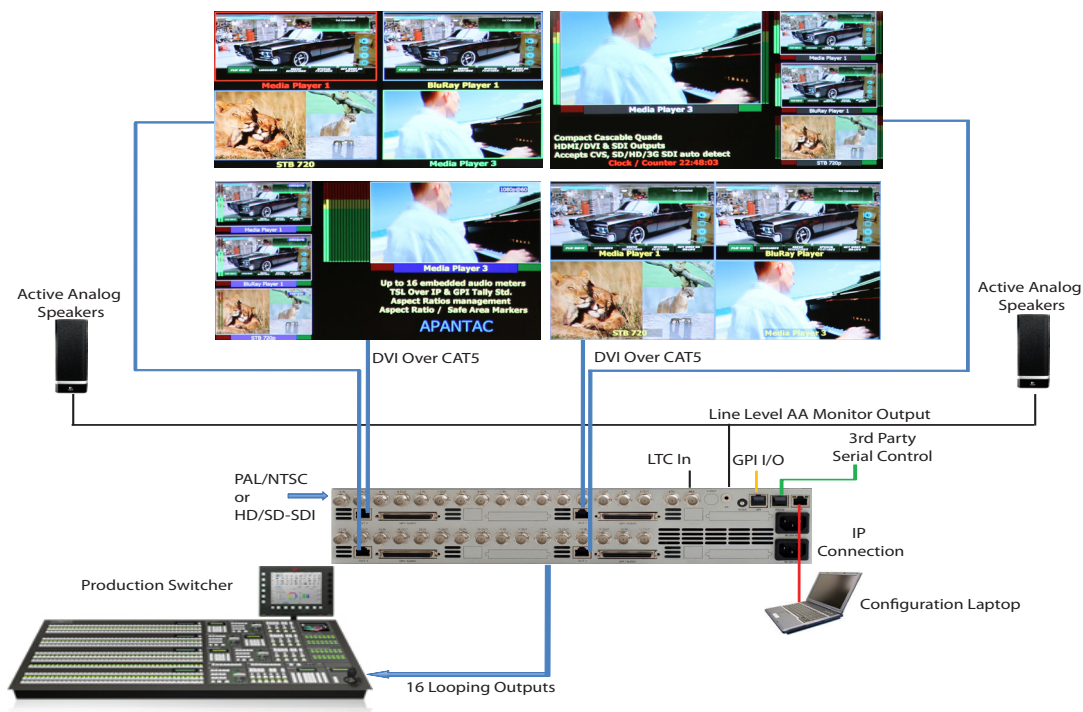


TAHOMA LI-8 with Two Outputs



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TAHOMA LI-16 multiviewer has 4 flexible HDMI 1.4 outputs with user selectable resolutions up to 1920x1080P

The following table shows all the various output configurations:

OUTPUTS	1	2	3	4
INPUTS	4	4	4	4
	4	4	8	
	8		8	
	12			4
	16			