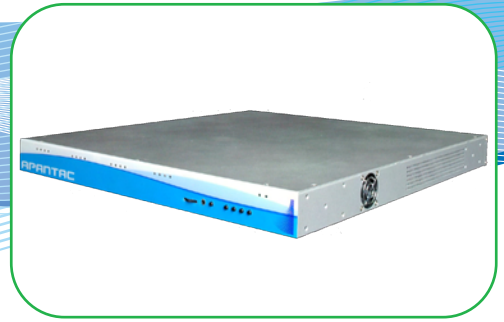


TAHOMA LE-8 / 12 / 16 MULTIVIEWER



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 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
- 1RU with optional redundant power supply
- 3 year limited warranty

Accessories

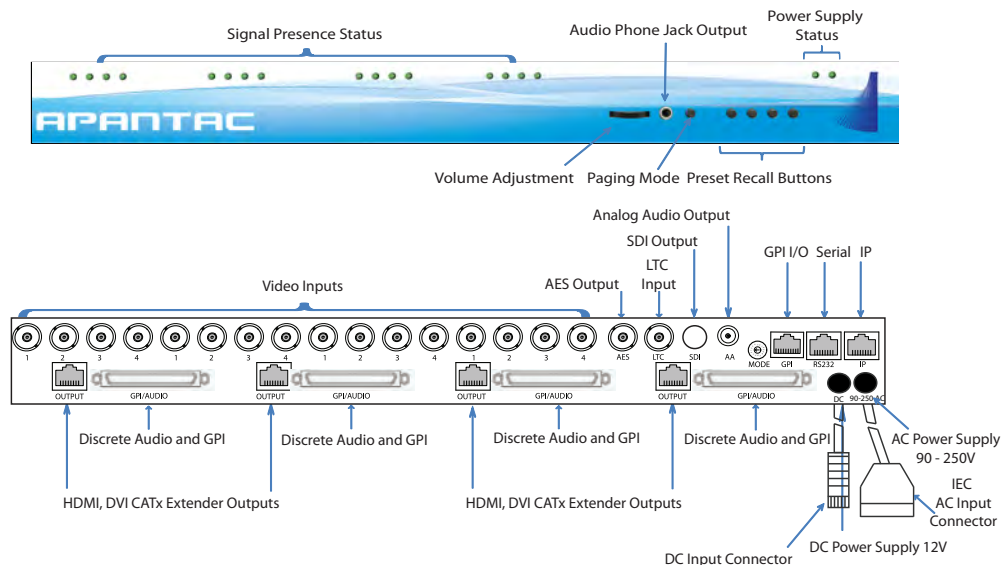
Standard

- 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)

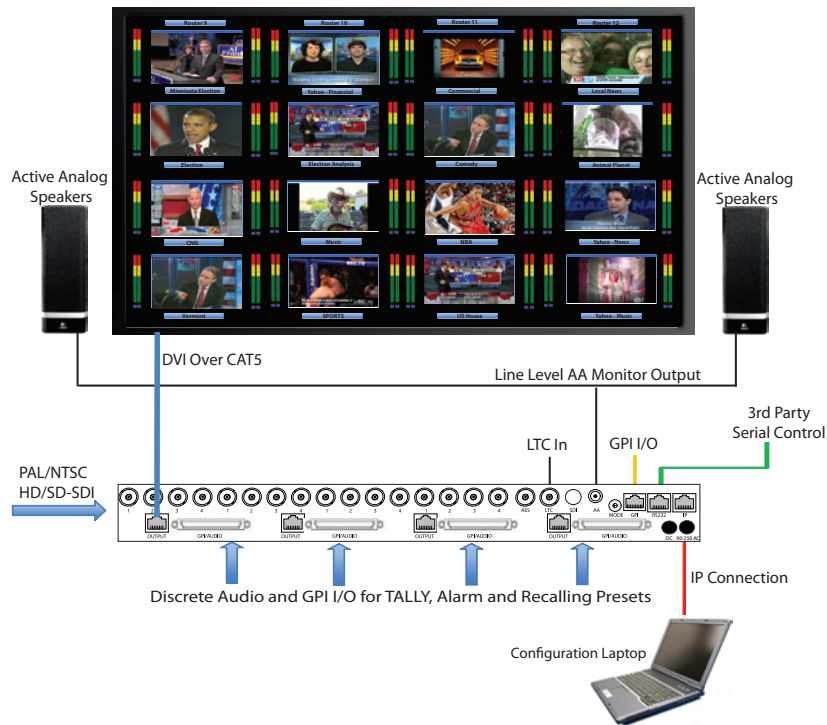
Options

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

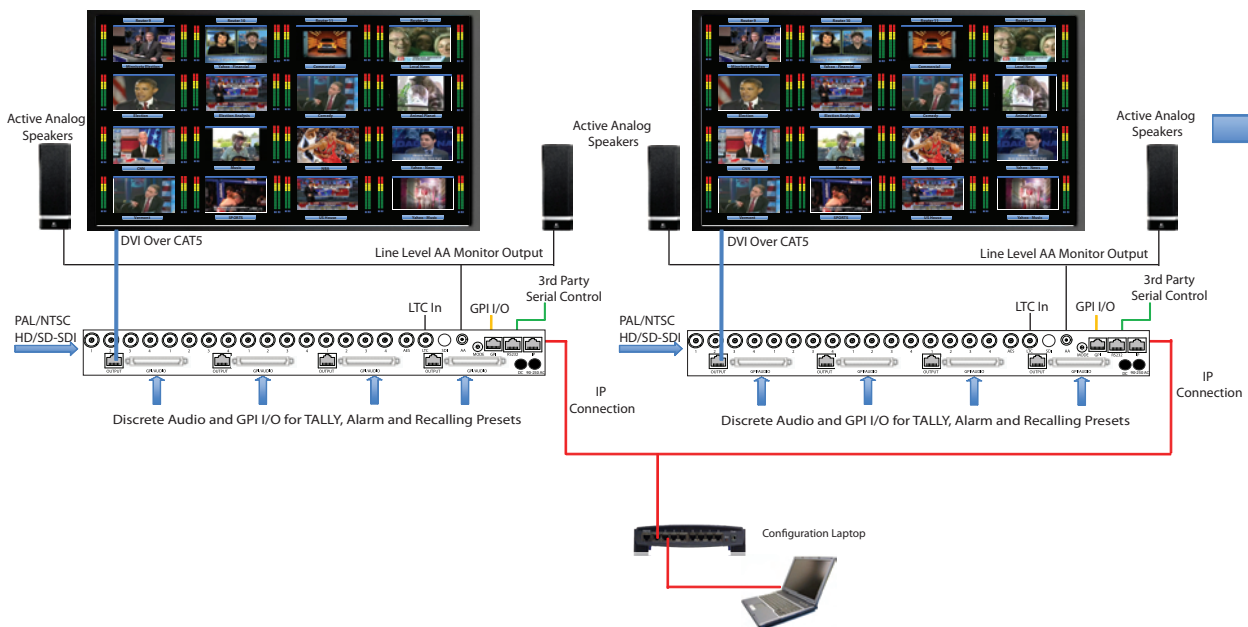
TAHOMA-LE-8 / 12 / 16 Front / Rear Panel



TAHOMA-LE-16 with 1 Output



Multiple TAHOMA-LE-16 Modules Controlled on a LAN



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FLEXIBLE 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

| OUTPUT | 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

SPECIFICATIONS

| | | | |
|-----------------|---|------------------------|---|
| Video Inputs | Up to 16 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, or 16 | Embedded Audio | SMPTE-272M-A |
| Serial Digital | HD-SDI (SMPTE-292M) and / or SD-SDI (SMPTE-259M-C) | Outputs | 1-4 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 | 40 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 | 100W , 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 | Optional redundant power supply |
| Control | Front panel buttons for quick preset recalls, GPls, Apantac ASCII Protocol (AXP), Director (config & control app) | Size | 1RU, 44.5cm (17.5")W x 50cm (19.7") D |