

• CONTENT DETECTION • LOGO DETECTION • RATING ANALYSIS • MEDIA MONITORING • COMPLIANCE RECORDING

### ABOUT

Equinox Media Monitoring is a full featured media recording and retrieval system for TV, Radio and OTT content. It can take multiple kinds of input and record it in internal or external storage. Having many powerful add-on modules like Content Detection, Multi-viewer and Ratings Analyser, Equinox is being used in almost every department of a media company, as listed in the Use-cases below.

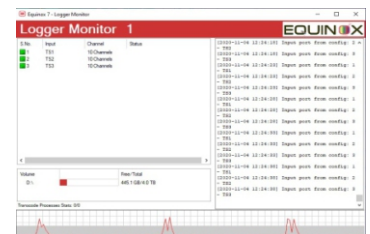
- COMPLIANCE RECORDING
- CONTENT DETECTION
- INGESTING
- MEDIA MONITORING

- RATINGS ANALYSIS
- VIDEO CAPTURE
- VIDEO STREAMING
- MEDIA ARCHIVING

### USAGE

### COMPLIANCE

- 24 x 7 x 365 days continuous recording or time scheduling
- Auto Detection and logging of Service Changes in MPTS
- Fault detection with SNMP Traps, & Email reporting
- Unique Cloning backup feature
- Supports recording of TS in its raw format for monitoring and review
- Auto-recovers from fault conditions, like stream loss, PID loss etc.
- Date and Time stamping on clips
- Auto purge clips on FIFO basis
- Simultaneous recording in different rates/format/resolutions



- Create and Share custom Markers
- Search on Channel, Date Time & Metadata
- Allows browsing with fast / slow , forward / rewind
- Allows navigation on user selectable period thumbnails
- Export content to any format
- Flag ranges to prevent auto-deletion of important content
- Simultaneous browsing of multiple live/recorded channels

### MEDIA MONITORING

### RATINGS ANALYZER

- Supports unlimited number of demographic groups
- Facility to add new demographics on the fly
- Support comparison of multiple channels
- Allows Zoom in/out on for a more detailed view
- Option to save a snapshot of the Ratings graph
- Automatic collection and analysis of Live YouTube Streams Ratings



- Allows search on all content
- Facility to mark portions of captured video, or import external clips to be searched
- User selectable criteria allows flexible searches
- Extremely fast search engine, gives results within seconds
- Customizable report with facility to export
- Search Video on Channel / Brand Logo, Graphics popup or OTT content

### CONTENT DETECTION



[www.astechnsys.in](http://www.astechnsys.in)

© Astech Systems Pvt. Ltd.

Head Office: 16, First Floor, Community Centre, East of Kailash, New Delhi -110065 (India). Tel: +91-11-41323997, +91-11-41604634, Email: [sales@broadcastauto.com](mailto:sales@broadcastauto.com)

Branch Office: SAIF OFFICE Q1-07-143/A, P.O. BOX - 122588, Sharjah, UAE.

[/company/astechnsys](http://company/astechnsys)

[/astechnsys](http://astechnsys)

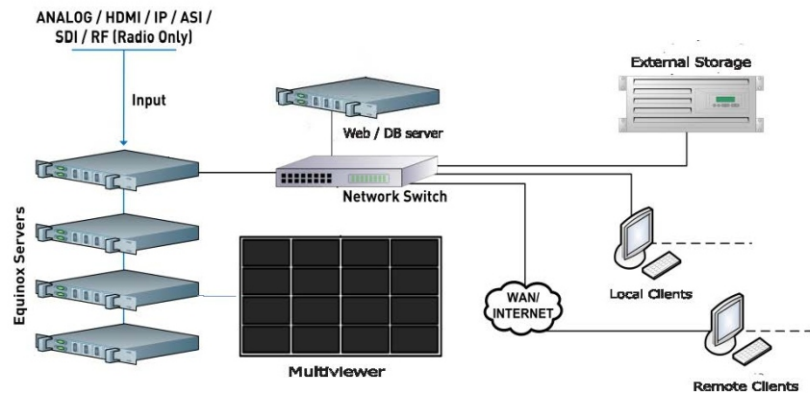


- Multi-viewer to monitor Live channels
- Live alerts with each channel with visual indications
- Real-time audio level indicators
- Supports custom layouts
- Monitors CPU load and free Disk space

### MULTIVIEWER

### FEATURES

- Live Cloning for seamless backup
- Ratings Analyzer - Compare Multiple Channels visually
- YouTube Ratings Analysis
- Loudness monitoring as per ITU/EBU standards
- Remote configuration.
- System Health Management with email alerts
- Audio/Video Loss, Video Freeze/Black detection and alert
- Single Point Web based Configuration of the entire system
- Supports DVB-Subtitle, Close Caption, DPI SCTE-35
- Supports BISS-1, BISS-E Encryption
- Archive to external SAN/NAS
- Flexible video and audio bit rates
- Multi-Viewer to monitor live channels
- Content Search on Audio & Video
- Logo Detection using AI content analysis
- Generates SNMP Traps for all alerts
- Client interface works on all major browsers
- Integrated with various third-party services
- User Selectable Service No, PIDs for TS
- Support Multiple Audio up to 16 Tracks



### WORKFLOW

### TECHNICAL SPECS.

	Analog	SDI / HDMI	IP / ASI	RF
Video	SD - PAL, NTSC	HD/SD - SMPTE (292M, 259M, 296M, 372M, 425M level A, 425M level B, 435)	MPEG2, MPEG4, H.264, HEVC, H.265, HLS Recording	NA
Audio	8-bit and 16-bit mono or stereo 8KHz to 48KHz, Dual Mono	Embedded Up-to 16 Tracks	MPEG1 Layer II, HE/LC, AAC Ac3 (Dolby E, Dolby Digital PLUS 5.1) Up-to 16 tracks	FM: 87.5 - 108.5 MHz DAB(+): 174 - 240MHz
Configuration	1, 4, 8, 16, 32 Channels per server	SD-1,4,8,16,32 channels per server HD-1,4,8,16 Channels per server	Up-to 50 Channels per server	Up-to 32 Channels per server

**Recording Rates**  
Video - 128kbps to 10mbps/Audio - 8kbps to 640kbps

**Form Factor**  
1U Server class system

**Media Storage**  
90 Days or as per requirement in RAID 0, 1, 3, 5, 6

**Power Supply**  
570W AC power supply (Single or Dual Redundant)

**Mounting Rails**  
Extendable 25" to 33.25"

**AC Voltage**  
100 - 240V, 50-60 Hz, 7 - 3Amp

**Temperature**  
Operating 5 - 35° C  
Non-operating -40 - +70° C

**Dimensions**  
W x H x D: 17.2" x 1.7" x 19.8"

**Gross Weight**  
16.3 Kg (32 lbs)

**Humidity**  
Operating 8 - 90% non-condensing  
Non-operating 5 - 95% non-condensing



[www.astechnsys.in](http://www.astechnsys.in)

© Astech Systems Pvt. Ltd.

Head Office: 16, First Floor, Community Centre, East of Kailash, New Delhi -110065 (India). Tel: +91-11-41323997, +91-11-41604634, Email: [sales@broadcastauto.com](mailto:sales@broadcastauto.com)

Branch Office: SAIF OFFICE Q1-07-143/A, P.O. BOX - 122588, Sharjah, UAE.

[/company/astechnsys](https://www.linkedin.com/company/astechnsys)

[/astechnsys](https://www.facebook.com/astechnsys)