

StreamScope® MT-50

HDT MPEG Analyzer



Transport Stream Troubleshooting at Your Fingertips

Broadcast, cable, and broadband TV engineers use the award-winning StreamScope MT-50 HDT analyzers from Triveni Digital because no diagnostic tool brings more efficiency and ease-of-use to DTV quality control.

High-definition touchscreen

The StreamScope MT-50 HDT is a state-of-the-art multiport professional MPEG analyzer with a high-definition touchscreen. At the touch of a finger or stylus, you can use its user-friendly interface to view real-time graphs and charts, create custom views, drill down to metadata details, configure analysis rules, check table errors, and more.

Complete MPEG analysis

The StreamScope MT-50 HDT provides comprehensive MPEG troubleshooting, including video rendering, closed captioning, PCR timing, LKFS graphs, PID data, EPGs, and IP, RF, and GOP analysis. The MT-50 HDT analyzes the major transport stream input types, including 10GigE, Quad ASI, and SMPTE-310. And it automatically applies the latest DTV industry transport stream standards, including SCTE-142 and ISDB.



See how fast and easy MPEG analysis can be. Request a free demonstration or price quote today.

Key Features and Benefits

- 17-inch, 1920 x 1080 pixel, 16:9 HD touch screen
- 10GigE/GigE, QAM, ASI, DVB, RF, SMPTE-310, and file inputs
- ATSC 608/708, SCTE 20/21, and DTH closed captioning
- Triggered recordings of CALM Act audio loudness violations
- Analyzes up to 10 transport streams (20 IP routes) simultaneously
- MPEG-2/4 SD/HD and HEVC video rendering, thumbnails, and bitrates
- Real-time MER/BER SNR, peak meters, and audio LKFS graphs
- PCR jitter, video buffer, and audio buffer analysis
- Configurable analysis rules, data thresholds, and recording triggers
- Live MDI and RTP analysis of IP transport streams
- Current and past EPG/ESG content and metadata
- Frame-by-frame Group of Pictures (GOP) playback
- Link to StreamScope remote TS monitors for network QoS assurance
- Linux-based OS, rugged construction, and padded case with wheels



"The StreamScope MT-50 enables broadcast, cable, satellite and IPTV operators to observe and evaluate DTV transport streams, plugging directly into the backbone switch to ensure performance and reliability." – *Multichannel News*

StreamScope[®] MT-50

HDT MPEG Analyzer

Helps Solve MPEG Problems

Transport Stream Errors

Provides at-a-glance overviews of recent rule violations, log events, and PID usage, with a rotating Program Wall.

Audio Loudness Violations

Displays real-time LKFS graphs with dialnorms, and triggers recordings of loudness events, to help ensure CALM Act compliance.

Closed Captioning Issues

Decodes, displays, and records terrestrial, cable, and DTH closed captioning for live verification and detailed analysis.

Metadata Problems

Pinpoints data thresholds, program data, and metadata table errors with a dynamic color-coded, drill-down status tree.

...and many more



Transport Summary view



Service Details view



Status Tree view



Electronic Program Guide (EPG) view



Packet Identifier (PID) view



IP Analysis view

Specifications

Hardware and Software

Screen: 17-inch, 1920 x 1080 pixel LCD touch screen
Size: 17.05" H x 13.62" W x 8.9" D
Weight: 26.5 lbs. (12 kg)
Expansion slots: Seven full-length
Hard Drive: One 250 GB SATA RAID
Optical Drive: One slim 5.25" DVD-RW
Speakers: Two built-in 3-watt
Keyboard: 104-key full-size with touchpad
Housing: Aluminum with rubber corners
Power Supply: 650W Active PFC 80 Plus
Carrying case: Padded with wheels

Data Communications

USB ports: Six USB 3.0, two USB 2.0 Ethernet ports: Two GigE RJ-45 LAN

Environmental

Operating temperature: 0° to 50° C
Operating humidity: 10% to 90%
Non-operating temperature: -20° to 60° C

Specifications subject to change



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