

# StreamScope<sup>®</sup> MT-70

## MPEG Analyzers

### The Latest MPEG Analysis Technology

New StreamScope<sup>®</sup> MT-70 analyzers are state-of-the-art, full-featured tools for analyzing and troubleshooting MPEG2/4 transport streams. Performing real-time detailed analysis on multiple signals over commonly encountered physical layers, StreamScope MT-70s help ensure DTV networks meet all current industry standards.

#### Remote Web Access and Continuous Stream Recording

Using a patented web-based user interface, you can view error alerts, video thumbnails, audio graphs, analysis rules, cross-table analyses, electronic program guides, system logs, advanced RF analysis, and more. With StreamScope MT-70, it's easy to isolate, diagnose, and correct errors caused by delayed table intervals, packet loss, synchronization issues, buffer over and under flows, and other faults.

#### High-Capacity, Enterprise-Wide Connectivity and Control

StreamScope MT-70 analyzers can monitor up to ten simultaneous inputs: 1Gigabit, 10Gigabit Ethernet, QAM, ASI, 8-VSB, RF, ATSC-M/H, HEVC and DVB (DVB-T/T2, DVB-S/S2 and DVB-C) inputs. Multiple users can log on on-site or remotely. These fully networking analyzers can communicate with other StreamScope analyzers and TS monitors to provide a complete QoS picture across DTV networks.

#### Ideal for Today's Diverse and Hybrid TV Networks

Available in portable and rackmount units for on-the-go and centralized analysis, StreamScope MT-70 analyzers provide cost-effective, field-proven quality assurance for broadcast, cable, telcos, satellite, mobile DTV, and IPTV.



#### What's New?

- Advanced Web Analyzer client application for remote access and control
- Continuous Transport Stream Recorder for postmortem analysis
- SCTE-35 logging for CATV ad splicing
- StreamScope Enterprise integration for across networks QoS assurance
- Custom dashboards for different personnel
- Linux Ubuntu 24.04 with quarterly OS updates for security
- Optional HD-SDI input
- Optional ATSC 3.0 RF and IP inputs

#### Plus You Can...

- Analyze QAM, RF, ASI, GigE, and 8-VSB
- Analyze GigE and 10GigE Ethernet inputs simultaneously
- Analyze 12 RF inputs simultaneously
- View video thumbnails and audio levels
- Check PSIP/ PSI cross table consistency
- Convenient web-based QoS monitoring
- Analyze MDI and RTP for IP routes
- Reduce synchronization jitters with PCR analysis
- Check EPG schedules and program details
- Verify CALM and captioning compliance

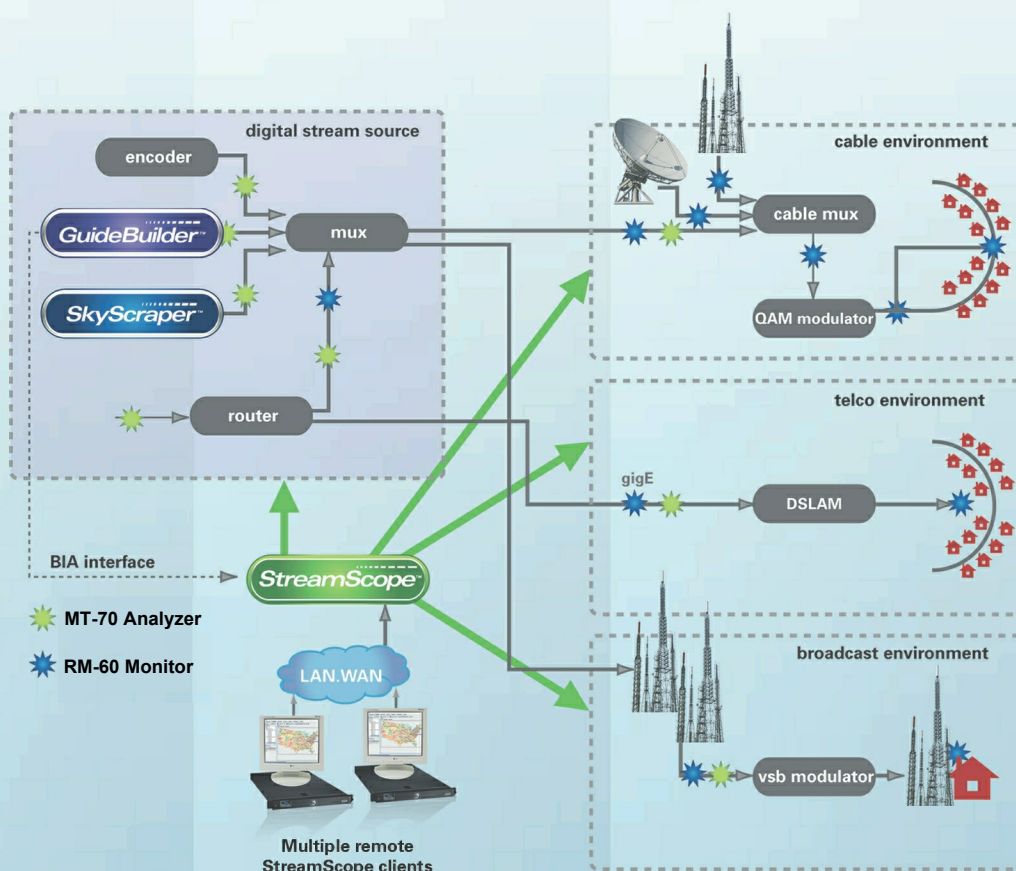


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### FEATURING...

- Analysis modes: MPEG, ATSC A/78, DVB SI, SCTE-35, ISDB
- Available inputs: 64/256 QAM, ASI, 8-VSB, advanced RF, 1GigE, 10GigE
- 12-tuner RF input card option
- LKFS measurement for A/85 CALM Act compliance
- User-configurable analysis rules
- RF power levels, SNR, MER, constellations, eye diagrams, spectrum analysis, more
- Dynamic charts and graphs for bitrates, S/N, PID usage, more
- PCR jitter, bitrates, and buffers
- Cross table analysis (terrestrial): SST, MGT, TVCGT, ETT, EIT, PAT, PMT, VCT, RRT
- Cross table analysis (mobile): SMT, SLT, GAT, CIT, CAT, NIT, SDT, TDT, TOT, EIT, RRT, FIC, TPC
- MPEG-2/4 video thumbnails
- H.264, AVC, and HEVC support
- Continuous Transport Recorder (CTR)
- Web Analyzer for QoS monitoring
- EPG data sets and errors
- Profile, level, and chroma video data
- GOP analysis for I, B, and P frames
- MDI and RPT analysis of IP routes
- IGMPv3 for IP multicast
- SCTE-18 EAS and SCTE-35 logging
- Customized web-based dashboards
- Ubuntu 24.04 with quarterly updates



### SPECIFICATIONS

#### Rackmount MT-70R

4U rackmount server with 20" sliding rail kit  
Intel quad-core 3.5 GHz CPU with 10 Mb cache  
2 x 8 DDR3 RAM (16GB total)  
1TB SATA hard drive  
EVGA nVidia GT 710 1GB video card  
DVD-RW optical drive  
650W Active PFC 80 Plus power supply  
Linux-based OS  
70" H x 19.0" W x 20.8" D  
43.5 lbs (19.7 kg)

#### Portable MT-70P

Rugged portable MPEG analyzer  
17" 1280 x 1024 pixel LCD anti-glare screen  
17" 1920 x 1080 pixel 16:9 HD screen (optional)  
Intel quad-core 3.5 GHz CPU with 10 Mb cache  
2 x 8 DDR3 RAM (16GB total)  
1TB SATA hard drive  
EVGA nVidia GT 710 1GB video card  
Slim DVD-RW optical drive  
650W Active PFC 80 Plus power supply  
104-key keyboard with touchpad  
Linux-based OS  
Padded carrying case with wheels  
17.05" H x 13.62" W x 8.9" D  
26.5 lbs (12 kg)

#### Data Communications

2 BaseT RJ-45 Gigabit Ethernet LAN ports  
8 USB 3.0 ports (6 rear, 2 via header)  
Two USB 2.0 ports  
4 PCI-E 3.0 x16 slots (running at 16/16/NA/8 or 16/8/8/8)  
2 PCI-E 2.0 x1 (in x4 slot)  
10 SATA3 (6Gbps) port  
1 TPM connector  
1 VGA port  
One 7.1 HD audio port  
1 HDMI port  
1 DVI port  
1 D-type parallel port  
Optional PCIe card with 12 RF receivers

#### Environmental

Operating temperature: 0° to 45° C  
Non-operating temperature: -20° to 50° C  
Operating humidity: 10% to 90% RHNC  
Specifications subject to change

**Get a free demo and price quote**

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