

# StreamScope® MT-60

## MPEG Analyzers

### Comprehensive MPEG Analysis

Award-winning StreamScope®MT-60 analyzers are powerful, user-friendly tools for analyzing and troubleshooting MPEG2/4 transport streams. Performing real-time detailed analysis on multiple signals over commonly encountered physical layers, StreamScope MT-60s help ensure DTV networks meet all current industry standards.

### Real-time drill-down details

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, continuous transport stream recordings, and more. With StreamScope MT-60, 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 network connectivity

StreamScope MT-60 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 remote monitors to provide a complete QoS picture across DTV networks.

### For all your troubleshooting needs

Available in portable and rackmount units for on-the-go and centralized troubleshooting, StreamScope MT-60 analyzers provide cost-effective, field-proven quality assurance for broadcast, cable, telcos, satellite, mobile DTV, and IPTV.



### BENEFITS

- Analyze QAM, RF, ASI, GigE, and 8-VSB
- ATSC 1.0 proven and ATSC 3.0 ready
- 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
- Record transport streams continuously for postmortem troubleshooting
- Integrate with StreamScope Enterprise for network-wide QoS assurance
- Migrate to ATSC 3.0 analysis with StreamScope XM Combo option



609.716.3535 | t  
609.716.3503 | f  
info@trivenidigital.com  
trivenidigital.com

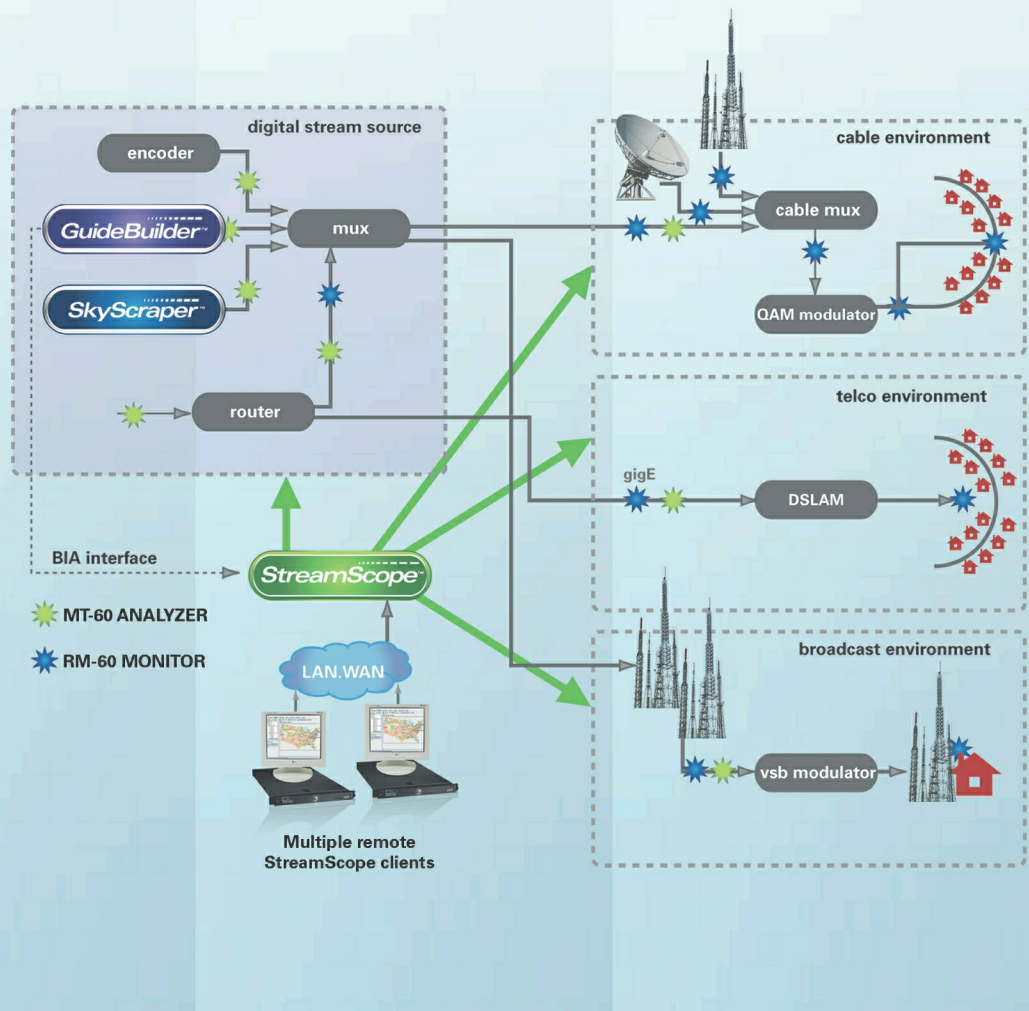
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DIGITAL  
Better TV

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### FEATURES

- 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 message logging
- Optional SCTE 35 digital cue tone
- Optional ASI playout application



### SPECIFICATIONS

#### Rackmount MT-60R

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-60P

Rugged portable MPEG analyzer  
 17" 1280 x 1024 pixel LCD anti-glare screen  
 17" 1920 x 1080 pixel 16:9 HD touch 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

Ask for  
 a free demo  
 or price quote



Triveni Digital, Inc.  
 777 Alexander Road, Suite 101  
 Princeton, NJ 08540  
 609.716.3535 | t 609.716.3503  
 f info@trivenidigital.com  
 trivenidigital.com

**triveni**  
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