

# StreamScope® RM-60

## Transport Stream Monitors

### Comprehensive Video Quality Assurance

Award-winning StreamScope® RM-60s provide comprehensive quality of service and compliance monitoring for broadcast, cable, telco, satellite, and IPTV video networks. With up to six gigabits of throughput capacity, StreamScope RM-60s monitor all your DTV services in real time, save rack space, reduce power consumption, and minimize operating expenses.

### Customized for your DTV networks

StreamScope RM-60 servers can be installed at central and remote nodes. Their web-based applications can be accessed from PCs and mobile devices. To fit your monitoring needs, you can configure network interfaces, trigger events, rule clusters, service groups, report subscriptions, and log notifications. The color-coded user interface makes it easy to identify and resolve video and audio quality issues at all levels of your network.

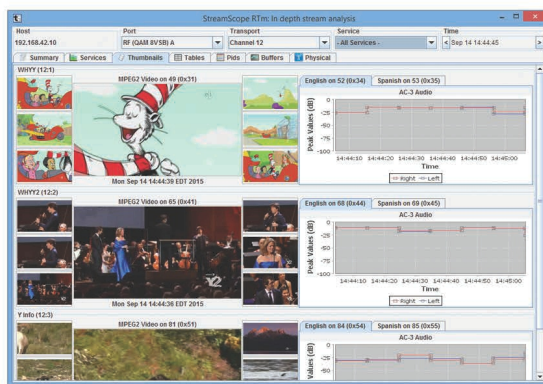
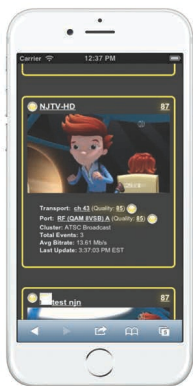
### With closed caption and audio loudness compliance

StreamScope RM-60s also ensure compliance with current closed captioning and audio loudness regulations. You can view on-demand and automatic spot checks, as well as state-of-the-art CC verification and CALM Act reports. With StreamScope RM-60s, you get all the tools you need to deliver high quality digital TV services, with mobile access for on-the-go monitoring.



### BENEFITS

- Monitor transport streams for signal errors, rule violations, and QoS levels.
- Monitor up to six gigabits of throughput with 10GigE inputs.
- Record streams and generate reports.
- Perform detailed troubleshooting and postmortem analyses.
- Ensure regulatory compliance.
- Reduce monitoring costs with round robin channel sweeps.
- Avoid false alarms with customized error levels.
- Send automatic notices and reports to key personnel.
- Connect to StreamScope stream analyzers and Enterprise managers.
- Save rack space, and reduce power consumption and operating expenses.



With live monitoring, remote troubleshooting, and mobile access, StreamScope RM-60s ensure complete video quality.



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**PRODUCT**  
**INNOVATION**  
**Awards 2015**



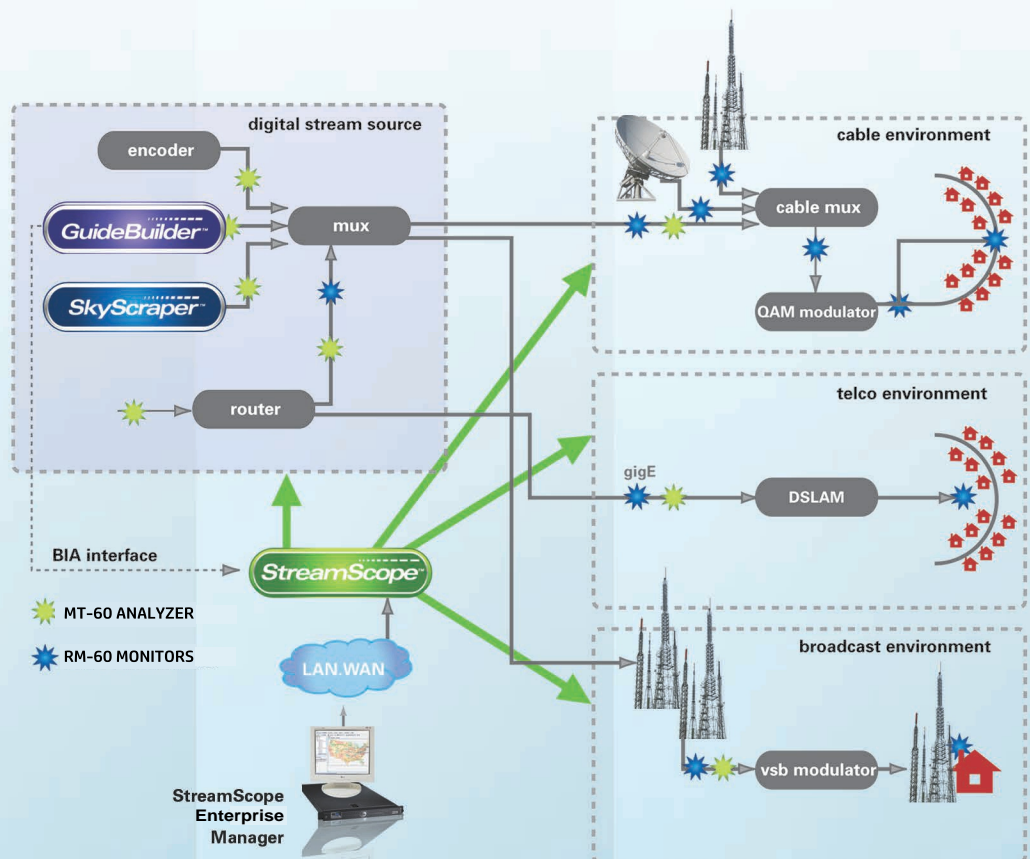
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# StreamScope<sup>®</sup> RM-60

## Transport Stream Monitors

### FEATURES

- ATSC, A/78, MPEG, SCTE-142, and DVB compliance
- QAM or 8-VSB, ASI, GigE, 10GigE inputs
- Color-coded web-based user interface
- Configurable error rules and rule sets for custom alerts
- Monitors EIA-608, EIA-708-E, SCTE 20, and SCTE 21 closed captions encoded in MPEG-2 and AVC (H.264)
- 24-hour CALM spot checks up to five AC3 or non-AC3 audio streams
- Error notification via email, SMS, and SNMP v3 traps
- Round-robin monitoring pools for RF and Ethernet device ports
- On-demand and triggered stream recordings
- Closed captioning verification for language, accuracy, and synchronization
- Live video and audio thumbnails and buffer analysis
- Optional Remote Troubleshooting module (RTm) with up to six months of detailed analytical data
- The RTm includes a Live Service monitor (LSm) with real-time QoS graphs, video and audio thumbnails
- Current, historical, top-level, timeline, video wall, CC, CALM, and custom reports
- Manages email report subscriptions
- Custom service groups on dashboards
- Synchronizes services with GuideBuilder program metadata
- Remote administration of user accounts, downloads, and logs
- Optional connections to StreamScope analyzers and Enterprise managers



### SPECIFICATIONS

#### RM-60 Standard Model

1RU rackmount server  
Linux-based OS  
1.7"(H) x 17.2"(W) x 25.6"(D)  
Approximately 38 lbs.  
100-240V AC @ 50-60 Hz, 5-10A AC  
Up to three interface cards for ASI, RF and GigE inputs

#### RM-60 HBE (High Bandwidth Edition)

1RU rackmount server  
Linux-based OS  
1.68"(H) x 17.08"(W) x 28.13 "(D)  
38.9 lbs.  
100-240 V AC @ 50-60 Hz, 5-10A AC  
Six inputs with two GigE SFP interface cards  
Redundant power supply (1+1)

#### RM-60 10GigE (Highest Bandwidth)

2RU rackmount server  
Linux-based OS  
3.44" (H) x 17.49"(W) x 26.92" (D)  
45.0 lbs.  
100-240 V AC @ 56-60 Hz, 5-10 A AC  
10GigE interface card  
Four 500GB hard drives  
Two 120GB solid state drives

#### Data Communications

One 10/100/1000 BaseT RJ-45 gigabit port  
Two 4-pin USB 2.0 ports  
Two 9-pin D-type Ethernet serial COM ports

#### Environmental

Operating temperature: 0° to 45° C  
Non-operating temperature: -40° to 45° C  
Operating humidity: 10% to 90% RHNC

Contact us  
for a free demo  
or price quote.



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