

StreamScope® Combo

ATSC 1.0 and ATSC 3.0 Analyzer

The award-winning StreamScope Combo is the only analyzer that bridges the transition to NextGen TV broadcasting. This portable or rackmount dual-architecture analyzer enables technical personnel to simultaneously monitor both ATSC 1.0 and ATSC 3.0 video, audio, data, and encrypted broadcast streams at multiple distribution points.

Two Analyzers, One Platform

Created by the company that helped develop ATSC 3.0, StreamScope Combo combines all the features of StreamScope MT and XM analyzers, making it easy to test, launch, and broadcast NextGen TV, while maintaining the quality of ATSC 1.0 services. It's the complete analyzer for today's changing DTV networks.

StreamScope MT-60



Field-proven ATSC 1.0 MPEG transport stream analysis for Ethernet, RF, ASI, remote monitor, and TP file inputs.

StreamScope XM



State-of-the-art ATSC 3.0 ROUTE, MMT, and STLTP broadcast stream analysis for Ethernet, RF, and PCAP file inputs.



Benefits

- Analyzes ATSC 1.0 and ATSC 3.0 broadcast streams
- Eases the transition to NextGen TV broadcasting
- Ensures Quality of Service (QoS) for hybrid DTV networks
- Reduces fault isolation and repair times
- Lowers overall Capex costs
- Includes industry-leading customer support

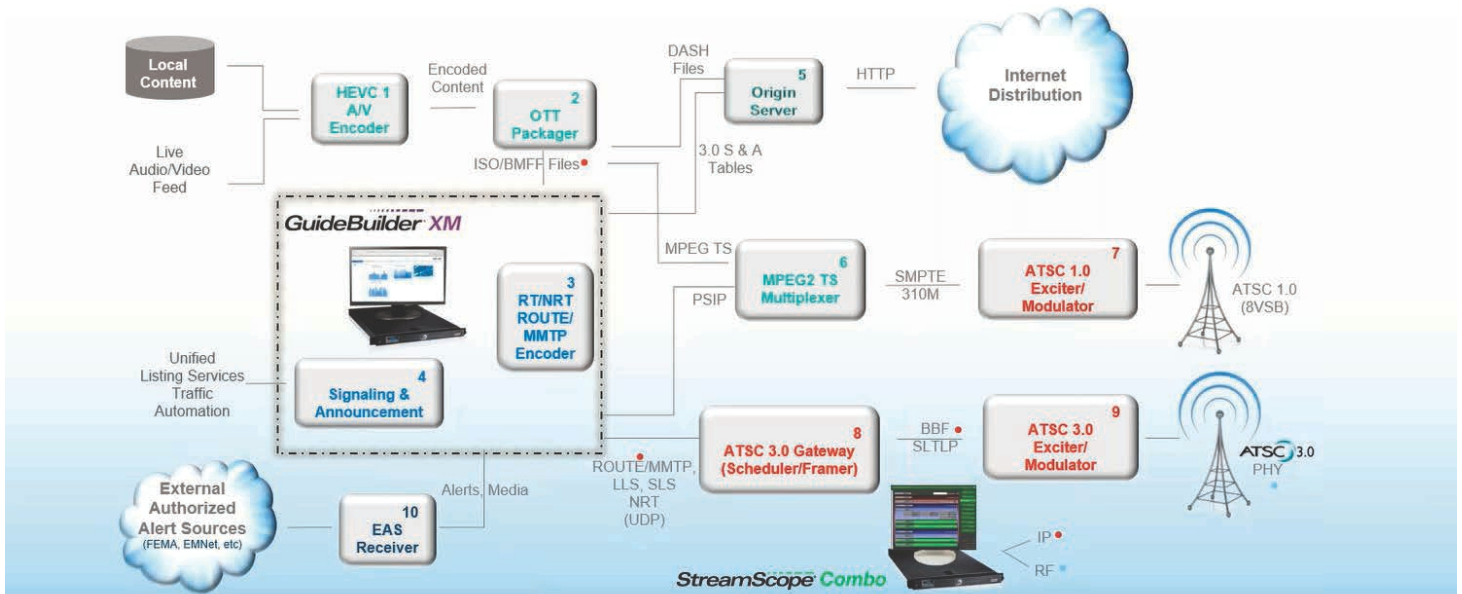
Customers

- Sinclair Broadcast Group
- Pearl TV
- Hearst Television
- Fox Broadcasting Company
- E.W. Scripps Company
- Meredith Corporation
- And many more



StreamScope® Combo

The Analyzer for ATSC 1.0 and ATSC 3.0 Broadcast Chains



The StreamScope Combo analyzer validates, monitors, and troubleshoots transport streams throughout ATSC 1.0 and ATSC 3.0 broadcast chains.

StreamScope MT-60 Features

- 64/256 QAM, ASI, Quad ASI, GigE/10GigE, 8-VSB, and DVB inputs
- 10 GigE handles up to 10 inputs (20 MDI IP routes)
- RF, DVB, SCTE-35, SCTE-142, ISDB, MDI IP analysis
- MPEG-2/4 SD/HD video rendering
- HEVC analysis for HD and 4K video quality
- PCR jitter analysis for synchronization
- Transport stream and log file recordings
- PSIP/SI cross-table consistency analysis
- Audio loudness, buffers, and dial norms
- RF signal and spectrum analysis
- EPG schedules and program data
- PID and IP details and analysis
- 608/708 CC verification and recording
- ASI playout application
- GOP analysis of I/B/P frames
- IGMP, VLAN tagging, and multicast support
- SCTE-18 EAS message analysis
- SCTE-35 digital cue tone analysis (optional)
- Network with StreamScope RM monitors

StreamScope XM Features

- ROUTE, MMTP, and STLTP stream analysis
- Ethernet, RF, and PCAP file inputs
- Video thumbnails, audio levels, bitrates
- SSMT, SLT, SLS, EFDT, and other table validation
- Real-time video and audio rendering
- Configurable analysis rules and rule sets
- Stream object buffering and frequency
- Protocol stack and data structure diagrams
- System table locations, intervals, and details
- Advanced RF analysis with constellations, spectrum, and many other graphs
- Multicast route mapping and analysis
- ESG schedules and program data
- Import and export configuration files
- Records and manages PCAP files
- Color mapping for at-a-glance tracking
- User management for remote access

Server Specifications

- 4U rackmount server (ARC-RM422AB2)
- Aluminum compact 4U 42200 chassis (3 x 5.25", 2 x 3.5")
- 650W active PFC 80 PLUS ultra quiet power supply
- Supermicro® X10SRA motherboard
- Intel® Xeon® E5-1620 3.5GHz 10MB cache quad core
- Total 16GB DDR4 RAM
- 2U Low profile heatsink and fan
- EVGA NVIDIA® GT 710 1GB video card
- Two on-board Intel Gigabit Ethernet LAN ports
- On-board 7.1 HD port
- 1TB Enterprise 3.5" SATA hard disk drive
- DVD-RW drive
- 20" sliding rackmount rail kit (RACK-RAIL20)
- Dimensions: 19.00" W x 700" H x 20.80" D
- Weight: 43.5 lbs.

Get your free demo
or price quote today

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