

MTS400 Series MPEG Test System Fact Sheet

The most comprehensive MPEG test solution available

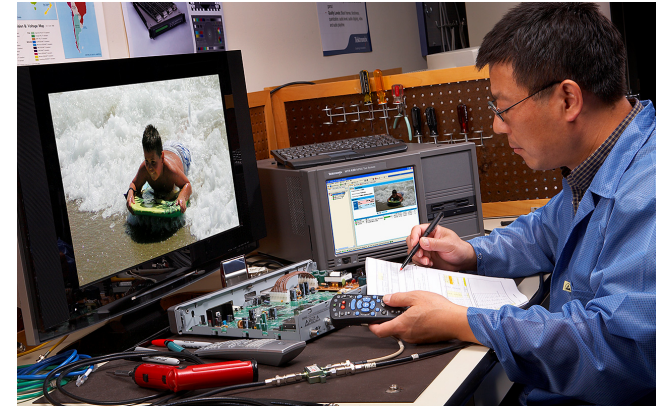


Features

Benefits

Cross layer error correlation and diagnostic capability	Diagnose problems anywhere in the network environment, whether that be transmission links (RF or IP layer) or content processing (TS layer).
High performance line rate Gigabit Ethernet (GbE) IP connectivity and integrated cross layer analysis	Diagnose of complex timing problems in video over IP and IPTV network equipment.
Wide range of DTV standards are supported	Analyze any Terrestrial, Cable, Satellite or Telco transport stream
CaptureVu™ technology	Analyze system events in real time or deferred time to debug intermittent or complex problems that other analyzers miss
Innovative program-centric user interface	Brings expert power to the novice user
Integrated cross layer fault analysis and logging	Reduces time to insight when troubleshooting and diagnosing problems
Tclips test streams, multiplexing, H.264 buffer analysis and ES compliance checking	Suite of tools for creation and analysis of transport streams containing next generation video content

Comprehensive test solution for Terrestrial, Cable, Satellite and Telco systems



A complete suite of MPEG analysis and generation tools

Product Characteristics

144 GB storage

10.4 inch LCD display (1024 x 768)

Microsoft Windows XP® Pro OS

250 kb/s to 214 Mb/s bitrate transfer speeds (interface dependent)

Standard Software

MTS415 **MTS430**

Real and deferred time TS Analyzer

X X

Buffer and PES Analyzers

X X

Tclips test streams

X X

Multiplexer

X

MTS4CC Compliance Checker

X

Add. license for ES or TS software

X

MTS400 Series MPEG Test System

Key Specs and Ordering Information

Interface Options	
IPTVD	IP Video GbE interface (requires SFP for optical connection)
VS	ASTC 8VSB interface
QB2	DVB-C QAM B interface
CF	DVB-T COFDM interface
EP	DVB-S QPSK/8PSK interface
SX	Multimode 850NM short wavelength optical port SFP
LX	Single mode 1310NM long wavelength optical port SFP
ZX	Single mode 1150NM long wavelength optical port SFP
Software Options	
MX	Multiplexer (including H.264 support)
ES	Elementary stream analysis
DB	Data broadcast carousel analyzer
CG	Data broadcast carousel generator
4EAB	Next generation MTS4EA ES analyzer (MTS430 only)
MTS4US B	Additional license. Specify either ES or TS package software using P415TS, P415ES, P430TS or P430ES options

Service Option Description	
C3	Calibration service 3 Years
C5	Calibration service 5 Years
R3	Repair service 3 Years
R5	Repair service 5 Years



Key Applications	Benefits
Equipment Manufacturers - Research & Development	Rapid and in depth analysis of selected elements of transport streams Integrated RF/IP, TS, PES and ES cross layer analysis
Manufacturing Test	Custom test stream creation for fast and flexible equipment stress testing Repeatable test source with seamless looping and continuous time-stamping for test and alignment of STBs, IRDs, and Modulators
Broadcasters and Network Operators troubleshooting	RF and IP connectivity and analysis provide single box solution for broadcast system troubleshooting Analysis of transport streams to confirm correct system operation and isolate faults during installation and commissioning