

MTS4EA & MTS4CC Video Elementary Stream Analyzer Fact Sheet

Comprehensive compressed video and audio analysis software for your PC



Features

Benefits

Compliance verification with the encoding standard	Confirm the stream will be correctly decoded by all compliant receivers in the market place
Multiple displays and overlays of codec information	Diagnose errors introduced by the encoder algorithms
Buffer analysis	Confirm the stream will cause receiver under or overflow errors without needing to test all receivers in market place
Synchronized video, audio and data views	Instant cross referencing reduces time to insight and increases efficiency
Video differencing and fidelity analysis	Identify video errors introduced by encoding process
Bitstream editor	Quickly confirm the effects of changed settings on your deign or system
Comprehensive batch mode	Validate new designs with automated regression testing
Trace view	Comprehensive analysis of all CODEC decisions for in-depth diagnosis of problems

Unmatched performance for greater insight into your design



A flexible, high-performance, easy-to-use ES Analyzer

Try before you buy

Demo versions of the MTS4EA & MTS4CC available to download on our website.

System requirements

Ram	512 MB
Hard disk	400MB
CPU	1.5Ghz
OS	Microsoft Windows 2000 or XP Pro

Supported standards

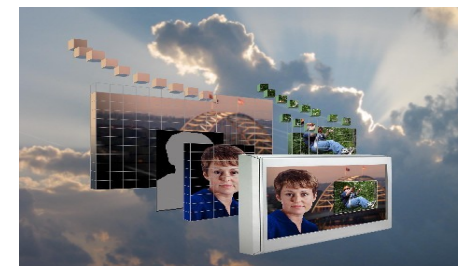
MPEG-2	MPEG-4	H.264/AVC
VC-1	H.263	AC-3
3GPP	AAC	

MTS4EA & MTS4CC Video Elementary Stream Analyzer Fact Sheet

Key specifications and ordering information

MTS4CC Descriptions	
No video CODECS are supplied as standard with the MTS4CC; only audio. See MTS4EA AUD option for supported audio CODECs.	
Key Options	
MPG4	MPEG-4 Simple Profile (Levels 0 – 3), Advanced Simple Profile (Levels 0 - 5) and H.263
MPG2	MPEG-2 Main Profile Main Level, 4:2:2 profile at Main Level, MPEG-2 Main Profile High Level, High Level 1440 and 4:2:2 profile at High Level
AVC	H.264/AVC Baseline, Extended and Main Profiles (Levels 1-5) and High Profile with FReXT (10 bit, 4:2:2, 4:4:4)
VC1	VC-1 (all Profiles, all Levels) and ASF extraction
FID	Fidelity (PSNR) analysis and visual differencing
MTS4EA Descriptions	
The base product includes MPEG-2 Main Profile (Main, High, and High 1440 Levels) and 4:2:2 Profile at High Level, MPEG-4 Simple Profile and H.263.	
Key Options	
M4SP	MPEG-4 Advanced Simple Profile (Levels 0-5)
AVC	H.264/AVC Baseline, Extended and Main Profiles (Levels 1-5) and High Profile with FReXT (10 bit, 4:2:2, 4:4:4)
VC1	All Profiles, all Levels and ASF extraction
AUD	Audio decode and analysis (including MPEG-2 Layer 1 and 2, AAC, HE AAC), also includes AC-3 decode
AVDM	AV Delay Measurement
Customer orders either MTS4EAB for single user or MTS4EAF for floating license.	

Service Option Description	
SWS	Software Subscription Service – 12 months software updates and support (MTS4EA only)



Key Applications	Benefits
Equipment manufacturers - research & development	Fast CODEC problem diagnosis CODEC performance optimization Full standards compliance verification to minimize inter-operability problems
Manufacturing test	Automated testing and comparison of CODEC builds
Broadcasters and network operators troubleshooting	Standards compliance aids equipment inter-operability problem resolution Diagnosing AV delay, lip sync problems