

MTSA-PRO

MPEG Transport Stream Analyzer ASI/RF/IP to USB

MTSA-PRO (MPEG Transport Stream Analyzer – ASI/RF/IP to USB) is a compact device used to capture, analyze and/or generate MPEG ASI transport streams. The MTSA-PRO features a single DVB-ASI input and output with USB (half duplex), and RF input.

The MTSA-PRO with its included software combined with a user's PC creates an MPEG ASI Transport Stream Analyzer for real-time analyzing, monitoring, and decoding. The MTSA-PRO can also serve as a PSI/PSIP generator and advertisement inserter.



Features

- Real time analysis via RF/ASI/IP input and TS file
- Single DVB-ASI input and single DVB-ASI output adapter for USB (half duplex)
- MPEG TS analysis and capture
- USB 2.0, bus powered, no power supply required
- ATSC, DVB-C, DVB-T and OpenCable DTV standards compliant
- ETSI TR 101 290 Priority with real-time 3-stage error monitoring reporting and error logging.
- Diagnostic and verification of MPEG designs
- PCR & PTS analysis, arrive time graphing, measurement display and jitter analysis
- Triggered recording
- Data rate analysis
- Table and packet views
- SI/PSI & PSIP view and interval analysis
- CAS view: ECM and EMM repetition rate and update time
- PES header analysis
- Real-time A/V decoding

Ordering Information

Model	Stock #	Description
MTSA-PRO	3726	

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Specifications

Input

ASI/SMPTE-310M	Connectors: 1x BNC; 75Ω Standard: DVB-ASI Bitrate: 0~108Mbps (in 1bps step) Mode: 188/204 bytes packet mode
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RF Demod	Connector: 8VSB, QAM64B, QAM256B Connector: 1x F 75Ω Freq Range: 57-1000 G Level Min: -15 dBmV QAM256B -20 dBmV QAM64B -30 dBmV 8VSB
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General

Dimensions (W x D x H):	6.06" x 3.89" x 1.12" (154mm x 100mm x 29mm)
Weight:	0.5 lbs. (227g)
Power:	USB 2.0 powered; no power supply required
OS Supported:	Windows 7

Output

ASI/SMPTE-310M	Connectors: 1x BNC; 75Ω Standard: DVB-ASI SMPTE-310M Bitrate: 0~108Mbps (in 1bps step) Mode: 188/204 bytes packet mode
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Software

TS Input: ASI, SMPTE-310M, File, IP (UDP/TS or UDP/RTP/TS), RF TS Out: 0~108Mbps (in 1bps step) Analysis Mode: 188/204 bytes packet mode 7 analysis Window Tab: Service, PID, Table, Service View, Bit-rate, TR 101 290, Table History Closed Caption Real-time Decoder	TS Input: ASI, SMPTE-310M, File, IP (UDP/TS or UDP/RTP/TS), RF TS Out: 0~108Mbps (in 1bps step) Analysis Mode: 188/204 bytes packet mode 7 analysis Window Tab: Service, PID, Table, Service View, Bit-rate, TR 101 290, Table History Closed Caption Real-time Decoder
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Recommended System Requirements: CPU better than Intel Core i3; more than 2 GB RAM; Windows 7

