MTSA-PRO

MPEG Transport Stream Analyzer

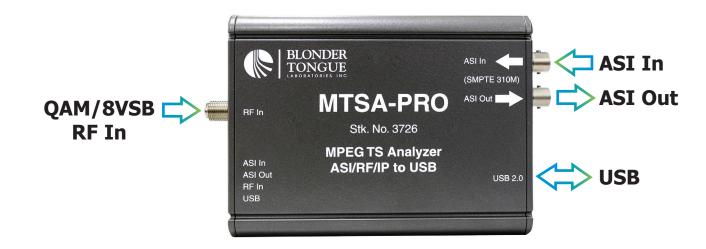**Blonder Tongue**

The **MTSA-PRO** is a versatile compact portable device used to capture, analyze and/or generate MPEG ASI transport streams.

The **MTSA-PRO** features a DVB-ASI input/output, an RF input and a USB interface to connect to a PC. Powerful, feature rich PC software is included to provide professionals the must-have tools necessary for analyzing MPEG equipment and related networks.

New software release includes support of HEVC (H.265), in addition to existing MPEG-2 and H.264.

Features

- Real time analysis via RF/ASI/IP input & TS file
- Single DVB-ASI input and single DVB-ASI output adapter for USB (half duplex)
- MPEG TS analysis and capture with HEVC support
- 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 4 stage error monitoring reporting and error logging.
- Diagnostic and verification of MPEG designs
- PCR & PTS analysis, arrive time graphing, measurement display and jitter analysis
- HEVC Codec support (selectable decoding options based on operating system)
- Subtitle support

- Closed Caption Decoding (CEA 608/ CEA 708)
- 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
- Modulation Error Rate (MER)
- Received Signal Strength Indicator (RSSI)
- SCTE-35 marker detection
- File loopback feature for continuous replays
- RF input scan feature identifies active channels

Ordering Information

Model	Stock #	Description
MTSA-PRO	3726	MPEG Transport Stream Analyzer; ASI/RF/IP to USB

Specifications

Input

ASI/SMPTE-310M
Connectors:	1x BNC; 75Ω
Standard:	DVB-ASI
Bitrate:	0~108Mbps (in 1bps step)
Mode:	188/192/204/208 bytes packet mode

RF Demod
	8VSB, QAM64B, QAM256B
Connector:	1xF 75Ω
Freq Range:	57-1000 MHz
Level Min:	-15 dBmV QAM256B
	-20 dBmV QAM64B
	-30 dBmV 8VSB

Output

ASI/SMPTE-310M
Connectors:	1x BNC; 75Ω
Standard:	DVB-ASI SMPTE-310M
Bitrate:	0~108Mbps (in 1bps step)
Mode:	188/192/204/208 bytes packet mode

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

Software

TS Input:	ASI, SMPTE-310M, File, IP (UDP/TS or UDP/RTP/TS), RF
TS Out:	0~108Mbps (in 1bps step)
Analysis Mode:	188/192/204/208 bytes packet mode
7 analysis Window Tab:	Service, PID, Table, Service View, Bit-rate, TR 101 290, Table History
Closed Caption Real-time Decoder	

Recommended System Requirements: CPU better than Intel Core i3; more than 2 GB RAM; Windows 7

Related Products

Model	Description
BTPRO-1000	QAM/8VSB/Analog Signal Analyzer; also offering Pro:Idiom™ Key Recovery Option
BTPRO-7000	HD Tablet/Touch Signal Analyzer; Cable Modem (CM) and Fiber Optic Options
BTPRO-7000S	HD Tablet/Touch Signal Analyzer; HD/SD QPSK/8PSK Satellite, 8VSB, QAM, Analog