

DTV analyzer

HIGH-LEVEL TS ANALYZER/ RECORDER/ PLAYER

Realtime and offline analysis with
versatile interface IP, ASI, SMPTE, RF, Offline



ANALYZER

Broadcasting

LUMANTEK

System Specification

H/W Specifications (ATSC type)

Demodulation	8VSB, OpenCable(64QAM, 256QAM)
Size	154mm x 77mm x 29mm
Power	USB 2.0 bus powered, no power supply required
RF input connector	75Ω F-Type 1ea
ASI/SMPTE310M input connector	75Ω BNC 1ea
ASI/SMPTE310M output connector	75Ω BNC 1ea
ASI input bit-rate	0-108Mbps
ASI output bit-rate	0-108Mbps
SMPTE310M input bit-rate	19.392Mbps
SMPTE310M output bit-rate	19.392Mbps
RF Input Frequency Range	40 ~ 1002 MHz
RF Input Level	+7 ~ -84 dBm

S/W Specifications (ATSC type)

TS Input	ASI, SMPTE310M
TS Out	ASI or SMPTE310M (Allow when input is ASI, SMPTE310M)
Analysis Mode	MPEG-2, ATSC, DVB
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 3.1GHz (Sandy Bridge) RAM : better than 2GB OS : Window 7 Resolution : bigger than 1680x1050

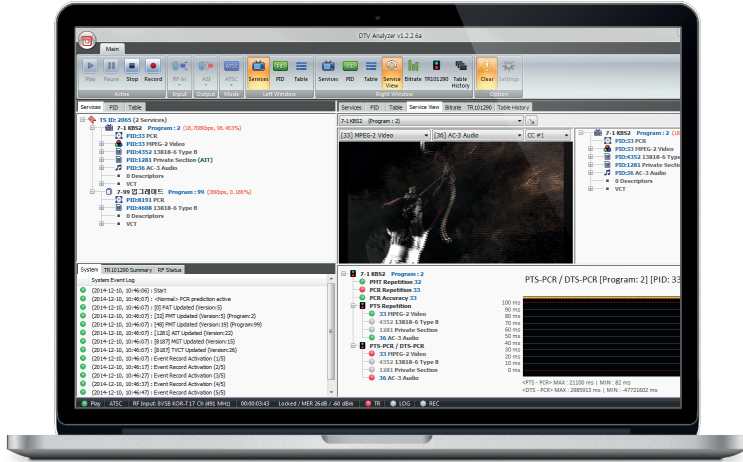
H/W Specifications (DVB type)

Demodulation	DVB-T2, DVB-T, DVB-C
Size	154mm x 76.8mm x 28.4mm
Power	USB 2.0 bus powered, no power supply required
RF input connector	75Ω F-Type 1ea
ASI input connector	75Ω BNC 1ea
ASI output connector	75Ω BNC 1ea
ASI input bit-rate	0-108Mbps
RF Input Frequency Range	40 ~ 1002 MHz
RF Input Level	DVB-T2:+5~-78 dBm DVB-T:+7~-83 dBm DVB-C:+2~-67 dBm

S/W Specifications (DVB type)

TS Input	ASI,SMPTE310M,File, IP (UDP/Ts or UDP/RTP/TS),RF
TS Out	ASI or SMPTE310M (Allow when input is ASI, SMPTE310M)
Analysis Mode	MPEG-2,ATSC,DVB
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 3.1GHz (Sandy Bridge) RAM : better than 2GB OS : Window 7 Resolution : bigger than 1680x1050

DVB/ATSC/ QAM-B DTV Analyzer UI



IP/ ASI/ SMPTE/ RF/ Off-line



MPEG Analyzer
Real-time /
Offline Analyzing



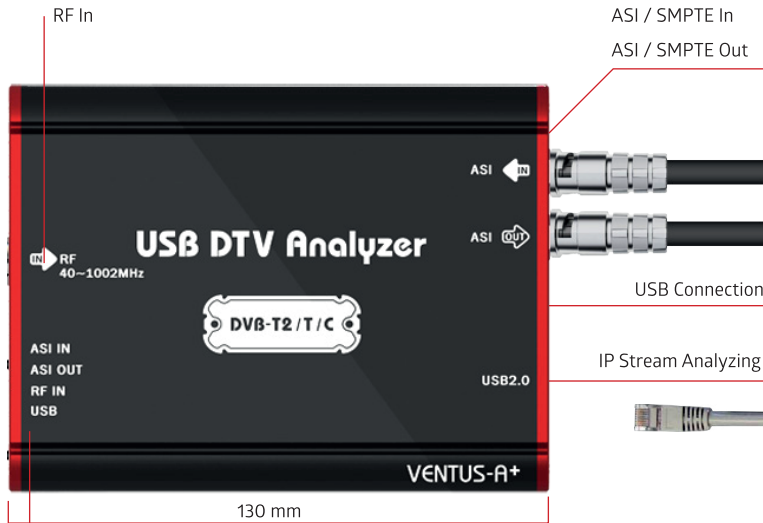
MPEG Recorder
Real-time Recorder
for SMPTE / SDI



MPEG Player
Pre-recorded TS Playback

ANALYZER

USB type DTV Analyzer (DVB type)



Interface Alarm

USB type DTV Analyzer (ATSC type)



Broadcasting

LUMANTEK