



TBS8502

TBS8502 mini Transcoder

Customers are increasingly watching video content in mobile or other portable devices. To enable this “any video to any device” environment, TBS provides a cost-effective and scalable solution – TBS8502 Mini real-time transcoder that is able to mesh with exist system infrastructure, seamlessly adapt to codec changes, and repurpose contents from different source and formats.

Featuring multiplexing, scrambling and transcoding capabilities, TBS8502 is an ideal server for small-scale IPTV/OTT system to transcode SD and HD MPEG-2 and MPEG-4 AVC (H.264)/HEVC (H.265) video and audio.



Features:

- Multiple recourse inputs: DVBS/S2, DVBT/T2, DVBC, ATSC, ISDBT, DTMB, HDMI, ASI and IP streams.
- Enable to transcode up to 40 SD or 15 HD channels simultaneously.
- HD to SD down conversion.
- Supports SD/HD MPEG-2, MPEG-4 AVC, MPEG-4 HEVC re-encoding and transcoding.
- Multiple inputs and output for multiscreen transcoding.
- Audio transcoding and automatic audio leveling adjustment.

Application:

- IPTV/OTT
- Digital Signage
- Video Conference
- Replace HD Video Capture Card
- Hotel TV system
- Live Broadcast;
- Teaching/Campus Broadcast
- Recording System



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Specification:

General:			
Connector Type:	DVBS/S2,DVBT/T2,DVBC,ATSC,ISDBT,DTMB,HDMI,ASI, and RJ45		
DVB Tuner Transponders:	Up to 8 transponders		
MPEG Transport Streams:	MPTS and SPTS		
IP protocol:	UDP, RTP, HTTP, HLS, Media Files		
Addressing:	Unicast and Multicast		
Re-Encoding/Transcoding Scalability:			
SD/HD Re-encoding /Transcoding:	Up to 40 SD channels Up to 15 HD channels		
HD to SD Down Conversion:	Up to 15 HD to SD Conversion		
Pre-processing			
Logo Insertion:	Yes		
Subtitle Display:	Yes		
Deinterlace:	Default, Close, Linear, Blend, Yadif		
PID Configuration:	PMT/Video/Audio PIN; PCR delay/disp interval		
Video Processing			
Video Input Bitrate:	SD MPEG-2: 0.5-12Mbps HD MPEG-2: 0.5-50Mbps SD MPEG-4 AVC: 0.5-12Mbps HD MPEG-4 AVC: 0.5-30Mbps HD HEVC/H.265 : 0.5-30Mbps		
Bitrate Control:	VBR, CBR		
Frame Rate:	2-30fps		
B-Frame:	2 (default)		
Key Frame Rate:	1-18		
Scale:	Ordinary, Auto Padding intelligent Scale		
Fast Mode:	Quality Priority, Balanced, Speed Priority		
Audio Processing			
Numbers of Encoding:	1 Audio channel for 1 Video source		
Audio Encoding:	AAC, MP3		
Sample Rate:	8khz to 48khz		
Bitrate Rate:	8kbps to 384kbps		
Management		Environment	
Configuration:	Web User Interface	Power Supply:	110 – 240 VAC
Port:	RJ45, 100/1000m Base-T	Power Consumption:	250W
Language:	English (Default)	Dimensions/Weight:	44*39*5cm/14kg