



TBS8500C

TBS8500C 8 Input H.265/H.264 HDMI Encoder to DVB-C QAM Modulator

TBS8500C is a professional HDMI encoder to DVB-C QAM modulator, also a highly integration device which includes encoding, multiplexing, and modulating, supports 8 HDMI H.265/H.264 inputs and 1 DVB-C RF out in the frequency range of 30~960MHz, easily to convert HDMI video input signals into digital cable channels and distribute them to an unlimited number of HDTVs over your existing coaxial cabling.

The chassis is constructed from metal and is rack mountable with an optional 1U rack mount kit, makes is ideal for use in sports bars, corporate offices, commercial spaces, or other venues with existing coaxial cabling.



Main Features:

- Support 8 HDMI channels input & 1 DVB-C QAM output;
- Support H.264/H.265 High Profile video encoding
- Support VBR/CBR video encoding
- Support Add/Remove water-mark dynamically
- Supports maximum 4-way Adaptive Bitrate Streaming in HLS output
- Supports IP whitelist-based security mechanism for HLS output
- Real-time encoding status monitoring
- Output Interface: RF、 RJ45 100/1000Mbps
- Compatible with HLS/HTTP/RTMP/RTP/UDP/TCP Protocols
- support 720P, 1080I, 1080P HD video format
- 1*DVB-C/RF output
- Real-time output bit-rate monitoring
- Update device through web based NMS port
- Reasonable Web interface based management system



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Applications:

- IPTV
- Video Conference & Live Broadcast
- Teaching/Campus Broadcast

Specifications:

Model:	TBS8500C	
Input	8* HDMI	
Input Resolution	4* 1920x1080P 50/60 Hz	
	1280x720P 50/60 Hz	
	720x576 50 Hz	
Video		
Codec	H.264	H.265(High Efficiency Video Coding)
Profile	Baseline, Main, High, High444p	Main, Main10, Rext
Bitrate Control	ABR, CBR, VBR	
Frame Rate	0 – 60	
Keyframe Interval	0 – 250	
Output Resolution	HD1080P, HD720P, HD480P, PAL576P, NTSC480P....	
Watermark / Logo	Supports jpg, jpeg, png format logo image. Supports specify overlay watermark/logo location.	
Hashcode Compare	Supports maximum 4 channels hashcode compare. Supports maximum 1080p@60 fps compare output.	
Audio		
Codec	AAC, MP3	
Channels	1 – 2	
Sample Rate	8000, 11025, 22050, 44100, 48000, 96000 Hz	
QAM modulate (DVB-C)		
Standard	EN300429/ITU-T J.83A	
QAM Channel	1 TS, 8non-adjacent carriers output	
Frequency	100Mhz-1000Mhz	
Symbol rate	2~7.2M	
Constellation	16/32/64/128/256 QAM	
Level	0~ -35dBm	
Output	RF out, F type interface	
Others		
Power consumption	Less than 120W	
Temperature	0~60°C	
Weight	11.5kg	