

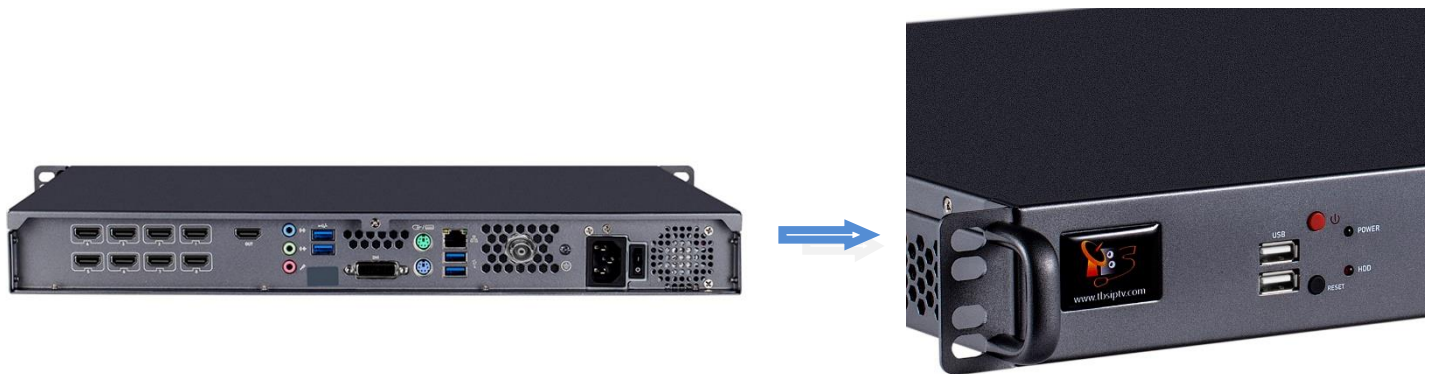


TBS8500ASI

## TBS8500ASI 8 Input H.265/H.264 HDMI Encoder to DVB-ASI Converter

TBS8500ASI is a professional HDMI H.265/H.264 encoder to DVB-ASI converter, also a highly integration device which includes encoding, multiplexing, and modulating, supports 8 HDMI H.265/H.264 inputs and external IP inputs, with multiplexing function, 1 DVB-ASI output. TBS8500ASI also supports to add/remove water-mark dynamically, suitable for dealing the video quality of high speed operation, and it's easy to convert HDMI video input signals into digital DVB-ASI TS stream, makes it is ideal for digital TV Broadcasting System, IPTV System, Head-end system of Digital TV branch network

The chassis is constructed from metal and is rack mountable with an optional 1U rack mount kit, it's easy to use in sports bars, corporate offices, commercial spaces, etc.



### Main Features:

- Support 8 HDMI channels and external IP stream input
- Equipped with 1 ASI output as mirror of one of RF output carriers
- 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
- support 720P, 1080I, 1080P HD video format
- Real-time output bit-rate monitoring
- Update device through web based NMS port
- Reasonable Web interface based management system



## TBS8500ASI

### Applications:

- Digital TV Broadcasting System
- Digital TV Programs Transmission
- IPTV System
- Head-end system of Digital TV branch network
- CATV Broadcasting system
- Edge side of Digital TV backbone network

### Specifications:

Model:	TBS8500ASI	
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	
Output		
Interface	DVB-ASI	
Output	1x MPTS	
Bitrate	Maximal bitrate to 150Mbps	
Others		
Power consumption	Less than 120W	
Temperature	0~60°C	
Weight	11.5kg	