



TBS2616 8 Channels 4K /16 Channels 1080P HDMI Video Encoder

----- Professional HDMI video encoder for IPTV Live Stream Broadcast

TBS2616 HDMI video encoder is a professional high-definition video encoder, which not only supports 8 channels 4K or 16 channels H.265 encoding, but also supports multiprotocol output, each channel supports simultaneous output of HTTP/HLS/RTSP/UDP/RTP/SRT/RTMP(RTMP) protocols, which is ideal for customers who need to use different protocols output.

The product can be applied to education, health care, IPTV, conference, distance education, news interview, banking, transportation, and other industries.



Application:

- Digital TV Broadcasting System
- IPTV & OTT system
- Digital Signage Project
- Remote Video Conference
- Live Streaming
- Head-end system of Digital TV branch network



Key Features:

- ✧ 3840x2160/1920x1080p/1920x1080i/1280x720p/720*576i/720*576p/640*480i resolutions
- ✧ Support H265 main profile; /H.264 baseline profile / main profile/ high profile
- ✧ Support multiple devices display on a computer at the same time
 - Supports dual ethernet ports 1000M/100M
- ✧ Support HTTP/HLS/RTSP/SRT/RTMP(RTMPs)/RTP&UDP unicast and multicast protocol.
Support DHCP/, ONVIF protocol, support HD Blue-ray
- ✧ Support Main TS stream and the sub-TS stream use in different network protocols for transmission (multi-rate multi-protocol support)
- ✧ Rate Control CBR / VBR 16KBIT / S ~ 12MBIT / S
- ✧ Transmission: TCP, UDP, 1000M (RJ45 Ethernet port duplex)
- ✧ Support streaming add watermark (OSD), XY axis, the font can be set;
- ✧ Image settings: contrast ratio, brightness, tones, saturation, noise detection, sharpness, filtering
- ✧ Support build-in or external methods, support left and right sound channel, Support audio gain, be able to turn volume individually
- ✧ Support coding without video signal;
- ✧ Complete the setting effect immediately, don't need to restart
- ✧ Support one-key recovery of the default configuration
- ✧ Support set-top box decoder
- ✧ Low power consumption design

Specifications:

Model	TBS2616	
Input	16 xHDMI input, 16 Channel line in audio	
Output	4xRJ45 100M (management port) , 4xRJ45 1Gbps (data port)	
Video	Input resolution	3840x2160p_30hz,1920x1080p_60hz,1920x1080p_50hz,1920x1080i_60hz, 1920x1080i_50hz, 720p, 720x576i, 720x576p, 640x480i, and ect.



	Codec	H.265 / H.264	
	Profile	H.265 Main profile H.264 Baseline profile H.264 Main profile H.264 High profile	
	Encoded size	3840x2160,1920x1080,1680x1056,1280x720,1024x576,960x540, 850x480, 720x576, 720x540, 720x480, 640x480, 640x320, and ect.	
	aspect ratio	16:9, 4:3	
	Color setting	Brightness, Contrast, Saturation	
	Bitrate control	CBR, VBR	
	Bite rate	16Kbps~12Mbps	
	Video frame rate	5- 60 fps (1080p and low: 5~60fps; 4k: maximum is 30fps)	
	OSD	Text, Image	
	Audio	Input selection	HDMI embedded: 4 channel HDMI embedded audio Line in: 4 channel 3.5mm Jack independent audio support audio gain
		Audio coding	AAC(LC/HE), MP3, G.711
Audio bit rate		24Kb/s~320Kb/s	
System	Protocols	HTTP, HLS, RTSP, RTMP/RTMPS, RTP/UDP unicast & multicast, SRT (Caller mode, Listener mode), Onvif	
	Configuration management	Web User interface, remote upgrade, multi-one management platform	
	power consumption	50w	
	Size	1U	
	Operating temperature	-20°C+ 60°C	
	Working humidity	<90%, Non-condensing	
	Weight	8KG	



Our company reserves the right to adjust the product parameters, if you have any questions, please contact us to check