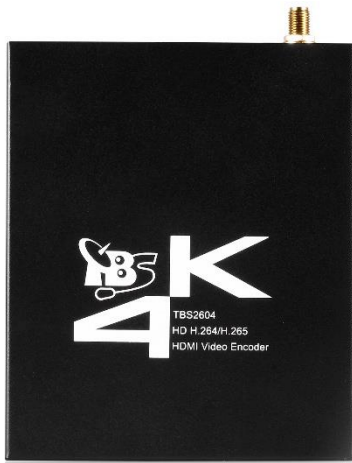## TBS2604 4K UHD HD H.265 & H.264 HDMI Video Encoder

TBS2604 is a 4K UHD H.265 & H.264 HDMI Video Encoder, capable of up to max 3840 x 2160P@30fps. It supports to encode with dual stream streaming (Primary 1 x H.265 or H. 264 / Secondary 1 x H.264) via an IP LAN Ethernet connection.

TBS2604 HDIM Video encoder supports H.265 encoding, which is ideal choice for customers who need lower bit rate video transfer over LAN or WAN networks – often due to internal network limitations, whilst maintaining high quality video.

TBS2604 is coupled with Web UI managing system and Telnet remote access, which provide users flexible choices to control the encoder at anytime and anywhere.

TBS2604 supports Wi-Fi 802.11n 2.4G for Web UI control as well as video streaming out. Due to the Wi-Fi network limitation, low bitrate video will be suggested to be streamed out over wireless.

Features:

- 3840 x 2160P@30fps. Max Resolution (4K/UHD)
- H.265 and H.264 Encoder
- HDMI 1.4a Inputs
- Support Wi-Fi 802.11n 2.4G
- HTTP/RTSP/RTP/RTMP/UDP protocols supported
- ONVIF discovery
- Support logo inserted

Application:

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

TBS2604

Specification:

Connection :	
Video Input	1 x HDMI 1.4a
Audio input	Line in , HDMI Audio
Ethernet/RJ45 output	1000 Base-T Ethernet interface
Encoding performance :	
HDMI Resolution:	3840x2160/1920x1080/1680x1050/1280x720/1600x1200/960x540/720*576/ 704*576 etc.
Encoding Profiles	Main Profile (for H.264 and H.265) Baseline Profile (for H.264 only) High Profile (for H.264 only)
Encoding streaming	Main stream x 1 (H.264 MJPEG-4 / H.265 HEVC) Second stream x 1 (H.264 MJPEG-4)
Data Rate Range	0.8Mbps~30Mbps;
Rate Control	CBR/VBR, FIXQP
GOP Structure	IBBP
Advanced Pretreatment	De-interlacing, Noise Reduction, Sharpening
Audio Encoding	AAC, MP3
Audio Bit-rate	48K/64K/96K/128K/160K/192K/256k
Sampling precision	16 bit
Network	
Ethernet/RJ45	1000 Base-T Ethernet interface
Network Standard	100/1,000 base-T Ethernet Auto speed Unicast, multicast
Streaming Protocols	HTTP/RTSP/RTP/RTMP/UDP
Control	Web UI control/Telnet
Physical	
DC output	12V/2A
Dimension	11.4cm*9.6cm*2.7cm
Net weight	0.6kg
Temperature	Operating Temperature Range: 0 ~ 45 degrees Celsius