

TBS2603 V2 HDMI Video Encoder Datasheet	
Model Number	TBS2603 V2
Video Input	1x HDMI 1.4 (HDCP 1.4 supported)
Audio Input	HDMI Embedded, Line in
Video	
Input Resolution	1920x1080P_50/60HZ; 1920x1080I_50/60HZ; 1280x720P_50/60HZ; 720x576; 640x480, and etc.
Output Resolution	1920x1080; 1280x720; 1024x768; 960x540; 850x480; 720x576; 720x480; 640x480; 640x320; 320x180.
Codec	H264 Baseline/H264 Main/H264 High Level 4.2; H265 Main Level 4.1
Frame Rate	5~60 fps
Key Frame	5~200fps
BitRate	0.5Mbps~20Mbps
BitRate Control	CBR, VBR
Protocol	HTTP, HLS(M3U8, H.264 only), RTSP, RTP/UDP Unicast & Multicast, RTMP/RTMPS, SRT,NDI HX
Audio	
Codec	AAC(AAC-LC, bitrate supports to 320kbps maximum; AAC-HE, bitrate to 128kbps Maximum), MP3, G.711
Sampling precision	16 bit
BitRate	24Kb/s ~ 320Kb/s
System	
Ethernet / RJ45	1000 Base-T Ethernet interface
Supported System	Windows XP/VISTA/SERVER/WIN7/WIN10 , Linux, MAC OS and ect.
Control	Web UI. Recommended Browser: Google Chrome, Firefox, Microsoft Edge and ect.
General Spec.	
Dimension	114mm*96mm*27mm
Power Consumption	Less than 5W
Features	
<ol style="list-style-type: none"> 1. Friendly webpage control 2. H.264/H.265 Encode 3. AAC-HE, AAC-LC, MP3, G.711 audio encoding 4. Bitrate of output video stream is adjustable from 500kbps to 20Mbps 5. Support HTTP, HLS(m3u8), RTSP, RTP/UDP Unitcast & Multicast, RTMP/RTMPS, SRT, NDI HX, ONVIF 6. Support insert "Logo, Text/Scrolling, Time Code" to the video 7. Support Input Preview 8. Support Video Rotate, Vieo Crop 9. ROI (Regin of Interest) 10. Support HDCP and HD blue-ray 11. Stable and Effective, support 7 x 24h working time 	
Application	

1. IPTV system
2. Live Broadcast: Wowza, Red 5, Flussonic, FMS etc
3. Social Media Broadcast: Youtube, Facebook, Twitch, Ustream, Vimeo, etc.
4. Video Conference
5. Monitoring