

UMH252 H.264 SD/HD Encoder



UMH 252 is WellAV's single channel H.264 SD/HD encoder. It supports HDMI, SD/HD SDI, YPbPr, CVBS input and output H.264 SD/HD programs via ASI or TS/IP. It can encode a TS stream from 1.0 Mbps to 20 Mbps based on customer requirements and supports a broadcast level video quality up to 1080P resolution. UMH 252 helps deliver high quality H.264 signals for a HD service offering, an IPTV network or transmitting signals via traditional or IP-based network.

Features ↘

- Compliant with MPEG-4/ H.264 AVC standard
- MPEG-1 Layer I & II ,AAC,AC-3(Optional)audio encoding
- SD video input format: PAL/NTSC
- HD video input format: SMPTE-296/SMPTE-274
- Support HDMI, SD/HD SDI, YPbPr and CVBS input
- Support video/audio multiplexing of DVB MPEG TS
- Support PSI/SI related table editing
- Two identical ASI outputs
- Unicast/multicast IP output with UDP/RTP protocol

Specifications ↘

Input		Management	
Video:	CVBS, SD/HD SDI(BNC), YPbPr, HDMI	Full front panel control	
Audio:	RCA, SDI (audio embedded)	LCD display and control keys	
		Remote access via TCP/IP	
		Network management Software	
Output		Physical characteristics	
	Two identical ASI output (188 Bytes)	Power:	AC90~250V, 50/60Hz
Encoding Bitrate:	SD (1.0 ~ 20 Mbps) HD (6.0~20Mbps)	Size:	1RU
		Net Weight:	3.5Kg
	Unicast/Multicast TS/IP output via UDP or RTP	Gross Weight:	5Kg
		Dimension:	44mmx484mmx274mm (HxWxD)
Video encoding		Order Information	
Encoding Standard:	MPEG-4/H.264 AVC HP@L4	H.264 SD/HD Encoder	
Encoding Resolution:	1920 x 1080 x 59.94i/50i; 1440 x 1080 x 59.94i/50i; 1280 x 720 x 59.94p/50p; 720 x 480 x 59.94i; 720 x 576 x 50i		
GOP configurable			
Bit rate control:	CBR, VBR		
Audio encoding			
Standard:	MPEG-1 Layer I & II, AAC, AC-3 (optional)		
Sampling frequency:	48KHz		
Audio Mode:	mono, stereo		



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