

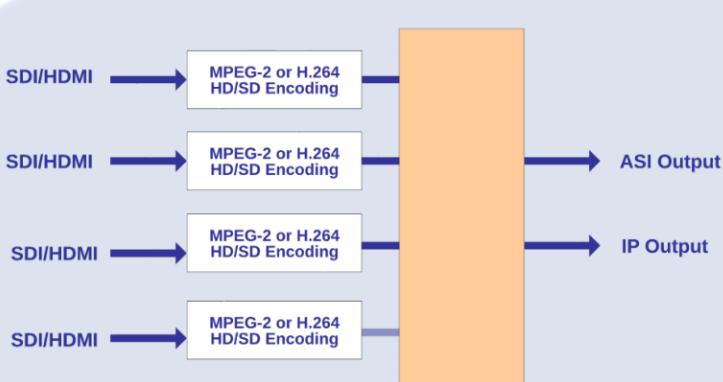
TL-9242A 4-Channel H.264/MPEG-2 HD ENCODER

TL-9242A 4-in-1 MPEG2/H.264 HD Encoder are professional HD audio & video encoding device with powerful functionality. It is equipped with 4 HD-SDI or 4 HDMI channels input supporting MPEG-2 and MPEG-4 AVC/H.264 video encoding and MPEG-1 Audio layer 2, LC-AAC, HE-AAC and DD AC3 audio encoding. The output would be 4 encoded programs through ASI and IP ports in MPTS or SPTS.

It adopts inner drawer-type structural design which greatly facilitates the change of encoding modules if needed.



KEY FEATURES



- 🔥 MPEG2 HD/SD & MPEG4 AVC/H.264 HD/SD video encoding
- 🔥 MPEG1 Audio Layer 2, LC-AAC, HE-AAC and DD AC3 audio encoding
- 🔥 Supports dialog normalization (applicable for DD AC3)
- 🔥 4*HD-SDI input or 4*HDMI input
- 🔥 Supports resolution downscale conversion
- 🔥 Supports VBR/CBR rate control mode
- 🔥 Supports CC (closed caption) EIA 608 & EIA 708 (for SDI input version)
- 🔥 Supports dual power supply with low Latency function
- 🔥 Supports PSI/SI editing & inserting, IP null packet filtering
- 🔥 ASI output, IP (MPTS & 4 SPTS) output over UDP, RTP
- 🔥 Web-based NMS management; Updates via web



SPECIFICATIONS

Video	
Encoding	MPEG2 & MPEG4 AVC/H.264
Input	HD-SDI*4 or HDMI*4 1920*1080_60P, 1920*1080_50P, (-for MPEG4 AVC/H.264 only) 1920*1080_60i, 1920*1080_50i, 1280*720_60p, 1280*720_50P 720*480_60i, 720*576_50i
Resolution	1920*1080_60P, 1920*1080_50P, (-for MPEG4 AVC/H.264 only) 1440*1080_60i, 1440*1080_50i, 1280*720_60p, 1280*720_50P 720*480_60i, 720*576_50i 720*480_60p, 720*480_30p, 720*480_25p 720*576_50p, 720*576_30p, 720*576_25p,
Support object	
resolution	
Bit Rate	0.5 ~ 19.5Mbps
Rate Control Mode	CBR/VBR
Chroma Sample	4:2:0
Aspect Ratio	16:9, 4:3
Audio	
Encoding	MPEG1 Layer II, MPEG2-AAC, MPEG4-AAC, Dolby Digital AC3 (2.0)
Dialog Normalization (Applicable for DD AC3 encoding only)	-31 ~ -1 dB
Sample rate	48KHz
Bit rate	64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps
System	
Local interface	LCD + control buttons
Remote management	Web NMS
Low Latency Mode	Normal, mode 1, mode 2
Output	2*ASI out (BNC type); IP (1 MPTS & 4 SPTS) over UDP, RTP (RJ45, 100M)
NMS interface	RJ45, 100M
General	
Power	AC 100V ~ 240V, 45W
Dimensions	482 * 400 * 44mm
Weight	4.5 kgs
Operation temperature	0 ~ 45°C



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