

ED42A

4 in 1 MPEG-2/H.264 HD Encoder



Product Overview

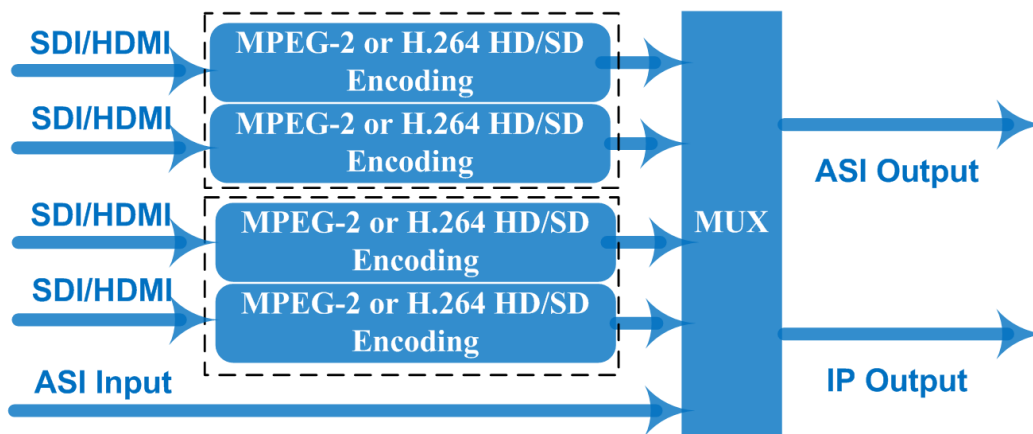
ED42A 4-in-1 MPEG2/H.264 HD Encoder is a VIDEOPTION new professional HD/SD audio & video encoding device with a powerful functionality. It is equipped with 4 SDI or 4 HDMI inputs supporting MPEG-2 and MPEG-4 AVC/H.264 video encoding. The 4 encoded programs will output through ASI and IP ports in MPTS or SPTS, and there is also one ASI in port for re-multiplexing.

The inner drawer-type structural design has greatly facilitates the change of encoding modules if needed.

Key Features

- Dual power supply
- MPEG2 HD/SD & MPEG4 AVC/H.264 HD/SD video encoding
- Support dialog normalization (applicable for DD AC3)
- 4*SDI inputs or 4*HDMI inputs or 2* SDI + 2* HDMI inputs
- 1*ASI in for re-multiplexing
- Support resolution downscale conversion
- Support CC (closed caption) EIA 608 & EIA 708 & Line 21 (for SDI input version only)
- Support Low Delay function
- Support PSI/SI editing and inserting
- Supports IP null packet filter
- ASI output as mirror of MPTS or SPTS 1-4, IP (MPTS & 4 SPTS) output over UDP, RTP/RTSP
- LCD display, Remote control
- Web-based NMS management; Updates via web

Principle Chart:



Specifications

Encoding	Video	Encoding	MPEG2 & MPEG4 AVC/H.264
		Input	SDI*4 or HDMI*4 + 1 ASI in
		Resolution	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

		Support object resolution (for downscale conversion)	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
		Bit Rate	1~19.5Mbps
		Chroma Sample	4:2:0
		Aspect Ratio	16:9, 4:3
	Audio	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 Delay Mode	Normal, mode 1, mode 2, Manual	
	Output	2*ASI out (BNC type, mirror ports/the same one TS) IP (1 MPTS & 4 SPTS) over UDP, RTP/RTSP (RJ45, 1000M)	
	NMS interface	RJ45, 100M	
	Language	English	
General	Power	AC 100V~240V	
	Dimensions	482*400*44mm	
	Operation temperature	0~45°C	