

2E04I-4 4 in 1 MPEG-2 IP Encoder



Outline :

The 2E04I-4 4 in 1 MPEG-2 Encoder (with IP output) is a professional audio & video encoding device with powerful functionality. It adds the function of IP output SPTS on the base of common 4 in 1 SD encoder .It also has 4 channel CVBS video input interfaces, 4 pairs of unbalanced audio input interfaces and an ASI input interface, supporting MPEG-2 encoding format. This device can simultaneously encode 4 channel SD audio & video; and generate four SPTS through different IP address or IP ports; moreover, this device can decide to output one channel SPTS through the ASI port. All designs are totally comply with the MPEG-2 standard. In conclusion, its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting and terrestrial digital TV, etc.



Features:

- MPEG-2 MP@ML(4:2:0) video encoding, Advanced video pretreatment algorithm
- MPEG-1 Audio Layer 2
- 4×CVBS video inputs, 4 pairs of unbalanced audio inputs.
- 4 pairs unbalanced stereo audio input
- 1 ASI input supports multiplexing
- Supports PAL, NTSC SD video formats
- Supports D1, HD1, 2/3D1, 3/4D1 Resolutions
- Selected one SPTS from ASI output
- 4 SPTS over UDP unicast/multicast output
- LCD / keyboard,
- Supports NMS monitoring
- LCD display



Specifications:

Input	4 CVBS inputs , BNC interface	
	4 pairs of unbalanced stereo audio input, BNC interface	
Video	Resolution	720×480_60i, 720×576_50i(D1)
		544×480_60i, 544×576_50i(3/4D1)
		352×480_60i, 352×576_50i(HD1)
		480×480_60i, 480×576_50i(2/3D1)
	Encoding	MPEG-2 MP@ML
	Chroma Format	4:2:0
	Bitrate	0.8Mbps~20Mbps each channel

	Rate Control	CBR/VBR
	GOP Structure	IBBP
	Advanced Pretreatment	De-interlacing, noise reduction, sharpening
Audio	Encoding	MPEG-1 Audio Layer 2
	Sampling rate	48KHz,44.1KHz,32KHz
	Resolution	24-bit
	Bit-rate	32Kb/s—384Kb/s each channel
		2-way ASI output, BNC interface

Stream output		4 SPTS over UDP,10/100Base-T Ethernet interface (UDP unicast / multicast)
System function		LCD/keyboard, network management, Chinese and English language
Miscellaneous		Environment
		0~45°C(work); -20~80°C (Store)
		Power
		AC 220V±10% 50Hz,25W