



Product Overview:

IT-260-M multi-channel encoder is our newest professional SD audio & video encoding and multiplexing device with powerful functionality. It is equipped with 4/8/12 CVBS channels input supporting MPEG-2, MPEG4 AVC/H.264 High Profile code format & main Profile code format. It can multiplex the 4/8/12 encoded TS to generate a MPTS output through GE output port. It adopts the slot structure with one device supporting maximum 3 encoder modules. Each module can work standalone. In conclusion, its high integration and cost-effective design make this device widely used in variety of digital distribution systems such as CATV digital head-end and terrestrial digital TV, etc.

Key Features

- Modular design, 1U chassis support up to 3 modules**
- 4/8/12×CVBS video inputs with MPEG-2 and MPEG4 AVC/H.264 Video encoding**
- Support PAL and NTSC SD video formats**

- Support MPEG1 Audio Layer 2, LC-AAC, HE-AAC V2 and support audio gain adjustment
- Support IP output over UDP and RTP
- Support Null PKT Filter
- Real-time effective encoding output bit-rate monitoring
- Support Logo, Caption, QR Code insertion (Language Supported: 中文, English, اردو, for more languages please consult us...)
- Control via web management, and easy updates via web

Technical Specification

Input	4/8/12 CVBS inputs , DB15-To-RCA interface		
Video	Resolution	Input	Output
		720*576	720*576/352*288/320*240/320*180/176*144/160*120/160*90@50Hz
		720*480	720*480/352*288/320*240/320*180/176*144/160*120/160*90@60Hz
	Encoding	MPEG-2, MPEG4 AVC/H.264	
	Bit-rate	0.5~5Mbps	
	Rate Control	CBR/VBR	
	GOP Structure	IPPP, IBPBP, IBBPB, IBBBBP	
	Aspect Ratio	4:3, 16:9	
Audio	Encoding	MPEG1 Audio Layer 2, LC-AAC, HE-AAC	
	Sampling rate	48KHz	
	Resolution	24-bit	
	Audio Gain	-20~+12 adjustable	
	Bit-rate	48Kb/s~384Kb/s (each channel)	
Stream output	IP (1*MPTS and 4*SPTS) output over UDP and RTP(unicast/multicast), 100M/1000M self-adaption		
System function	Network management (WEB)		
	Chinese and English language		
	Ethernet software upgrade		
Miscellaneous	Dimension(W×L×H)	482mm×328mm×44mm	
	Environment	0~45℃(work) ; -20~80℃ (Storage)	
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz	

Order Information

	Version I	Version II	Version III
4 CVBS Input	○		
8 CVBS Input		○	
12 CVBS Input			○