



DX3214

Multi-Channel Encoder



Product Overview

DEXIN DX3214 multi-channel encoder is our newest professional SD audio & video encoding and multiplexing device with powerful functionality. It is equipped with 4 CVBS channels input supporting MPEG-2 encoding format and MPEG-1 Layer 2, DD AC3 (2.0) Audio encoding. It can multiplex 4 encoded TS to generate a MPTS and 4 SPTS output through GE output port. With its high integration and cost-effective design, this device widely used in variety of digital distribution systems such as CATV digital head-end, satellite and terrestrial digital TV, etc.



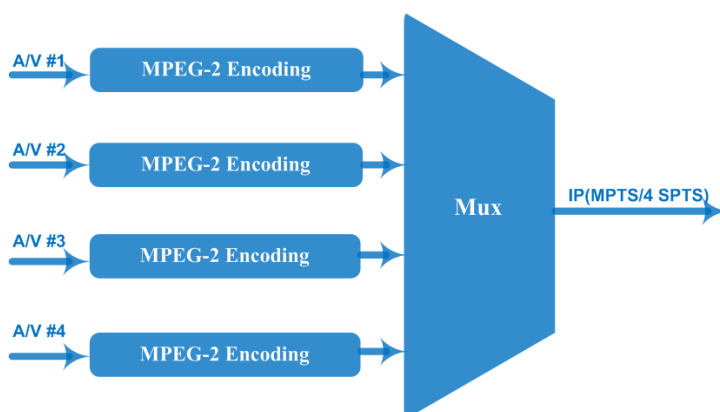
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Key features

- 4×CVBS video inputs with MPEG-2 Video encoding
- Supports PAL and NTSC SD video formats
- Support MPEG-1 Layer 2, DD AC3 (2.0) Audio encoding
- Support IP output over UDP and RTP
- Support Null PKT Filter
- Support CC (closed caption)
- Real-time effective encoding output bit-rate monitoring
- Control via web management, and easy updates via web

Principle Chart



Technical specification

Input	4 CVBS inputs , RCA interface		
Video	Resolution	Input	Output
		720*576	720×576_50i, 704×576_50i, 640×576_50i, 352×288_50i, 320×288_50i, 176×288_50i,176×144_50i
	720*480	720×480_60i, 544×480_60i, 352×480_60i, 352×240_60i, 320×240_60i, 176×240_60i, 176×120_60i,	
	Encoding	MPEG-2	
	Bit-rate	0.5Mbps~8Mbps per channel	
	Rate Control	CBR/VBR	
	GOP Structure	GOP_0_B, 1B, 2B,3B	
Audio	Encoding	MPEG-1 Layer 2, DD AC3 (2.0)	
	Sampling rate	48KHz	
	Resolution	24-bit	
	Audio Gain	-12~+40 adjustable	

	Bit-rate	64Kbps, 128Kbps,192kbps,256kbps,320kbps,384kbps each channel
Stream output	IP (1*MPTS and 4*SPTS) output over UDP and RTP, 1000 Base-T Ethernet interface (multicast)	
System function	Network management (WEB)	
	Chinese and English language	
	Ethernet software upgrade	
Miscellaneous	Dimension(W×L×H)	482mm×328mm×44.5mm
	Approx weight	5kg
	Environment	0~45℃(work); -20~80℃ (Storage)
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz