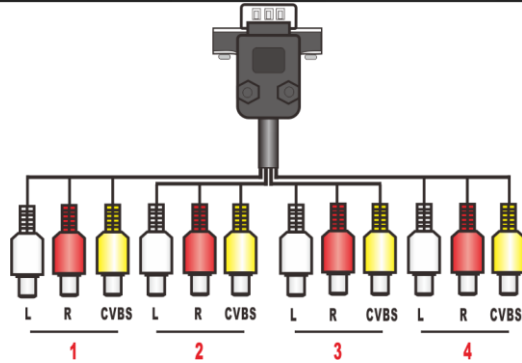




DX3218SA

Multi-Channel Encoder



**2/4/6=8/16/24 Channels*

OSD (Logo/Caption/QR Code) Insertion



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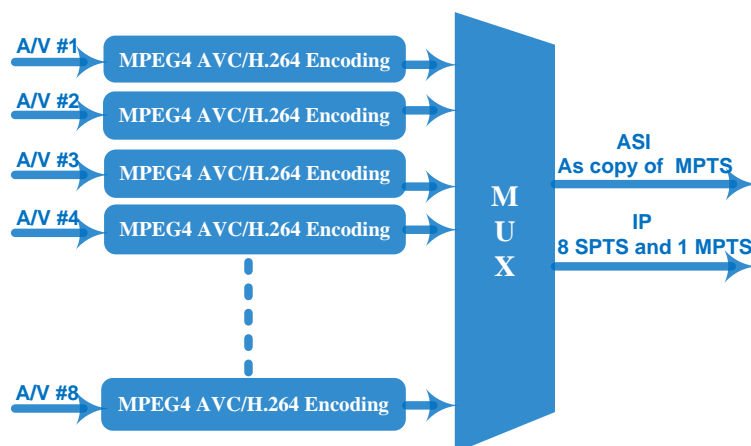
Product Overview

DEXIN DX3218SA multi-channel encoder is our newest professional SD audio & video encoding and multiplexing device with powerful functionality. It is equipped with 8/16/24 CVBS channels input supporting MPEG-4 AVC/H.264 High Profile code format & main Profile code format. It can multiplex the 8 encoded TS to generate a MPTS and 8 SPTS output through GE output port and one MPTS output through 2 ASI output ports. It adopts the slot structure with one device supporting maximum 3 DX218SA 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, terrestrial digital TV, etc.

Key features

- 8/16/24×CVBS video inputs with MPEG4 AVC/H.264 Video encoding
- Supports PAL(PAL-B,D,G,H,I) and NTSC (NTSC-M,J)SD video formats
- Support MPEG1 Layer II Audio encoding and **support audio gain adjustment**
- Support 1 MPTS out through 2 ASI output ports
- Support IP output over UDP and RTP
- Support Null PKT Filter(only for MPTS, SPTS output without Null PKT)
- **Support LOGO, Caption, QR code insertion(Language Supported: 中文, English, العربية, ไทย, हिन्दी, for more languages please consult us...)**
- Real-time effective encoding output bit-rate monitoring
- Control via web management, and easy updates via web
- Modular design,1U chassis support up to 3 modules

Principle Chart (per daughter module)



Technical specification

Input	8/16/24 CVBS inputs , DB15-To-RCA interface	
Video	Resolution	720×576i (PAL-B,D,G,H,I), 720×480i (NTSC-M,J)
	Encoding	MPEG4 AVC/H.264
	Bit-rate	1~7 Mbps each channel
	Rate Control	CBR/VBR
	GOP Structure	IPP (P Frame is adjustable, without B Frame)
	Aspect Ratio	4:3; 16:9
Audio	Encoding	MPEG-1 Layer 2
	Sampling rate	48KHz
	Resolution	24-bit
	Audio Gain	0-255 adjustable
	Bit-rate	64/128/192/224/256/320/384Kbps each channel
Stream output	IP (1*MPTS and 8*SPTS) output over UDP and RTP, 1000 Base-T Ethernet interface (Multicast and Unicast)	
	1 MPTS output through 2 ASI output ports (one for back up), BNC interface	
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	VersionII	VersionIII
8 CVBS Input	○		
16 CVBS Input		○	
24 CVBS Input			○