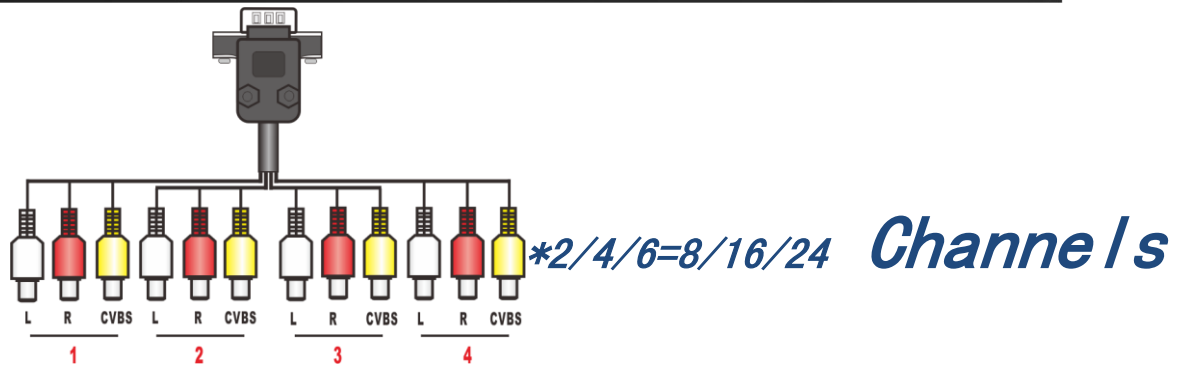




**DX3218S**

# Multi-Channel Encoder



## Logo/Caption/QR Code Insertion



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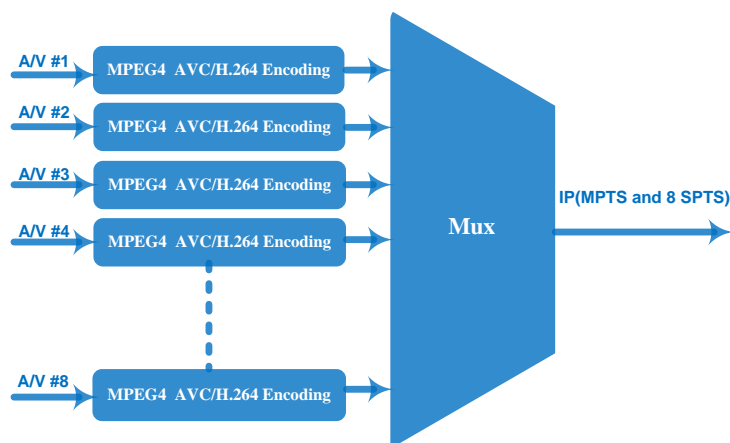
## Product Overview

DEXIN DX3218S 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. It adopts the slot structure with one device supporting maximum 3 DX218S 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 and NTSC SD video formats
- Support MPEG1 Layer II Audio encoding and **support audio gain adjustment**
- 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**
- 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

<b>Input</b>	8/16/24 CVBS inputs , DB15-To-RCA interface	
<b>Video</b>	Resolution	720×576i, 720×480i
	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
<b>Audio</b>	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
<b>Stream output</b>	IP (1*MPTS and 8*SPTS) output over UDP and RTP, 1000 Base-T Ethernet interface (Multicast and Unicast)	
<b>System function</b>	Network management (WEB)	
	Chinese and English language	
	Ethernet software upgrade	
<b>Miscellaneous</b>	Dimension(W×L×H)	482mm×328mm×44mm
	Environment	0~45°C(work); -20~80°C (Storage)
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz

## Order Information

	Version I	VersionII	VersionIII
<b>8 CVBS Input</b>	○		
<b>16 CVBS Input</b>		○	
<b>24 CVBS Input</b>			○