



**DX3224S**

## Multi-Channel Encoder



### Product Overview

DEXIN DX3224S multi-channel encoder is our newest professional HD video encoding and multiplexing device with powerful functionality. It is equipped with 4/8/12 HDMI channels input supporting MPEG-4 AVC/H.264 video encoding and MPEG1 Layer II audio encoding. It can multiplex the 4/8/12 encoded TS to generate MPTS output through DATA port. It adopts the slot structure with one device supporting maximum 3 DX224S 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

- **4/8/12×HDMI video inputs with MPEG-4 AVC/H.264 Video encoding**
- **Support MPEG1 Layer II, support audio gain adjustment**

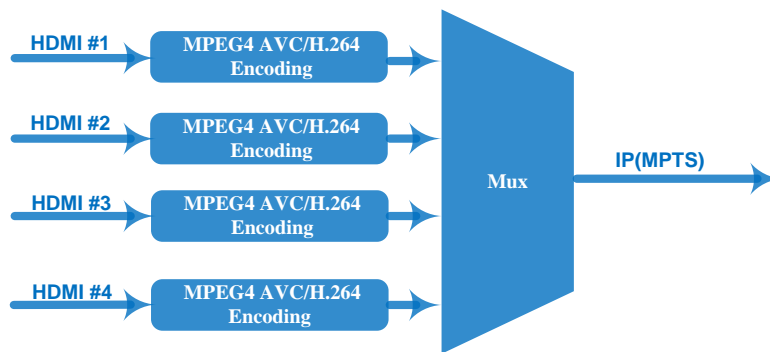


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- Support IP (MPTS) output over UDP and RTP protocol
- Support Null PKT Filter
- **Support Logo, Caption, QR Code insertion**
- Real-time effective encoding output bit-rate monitoring
- Control via web management, and easy updates via web
- Modular design,1U chassis support up to 3 modules
- **Lowest cost per channel, breakthrough price**

### Principle Chart (per daughter module)



### Technical specification

<b>Input</b>	4/8/12 HDMI inputs		
<b>Video</b>	Resolution	Input	1920×1080_60P,1920×1080_60i,1920×1080_50P,1920×1080_50i,1280×720_60P,1280×720_50P,720×576_50i,720×480_60i
		Output	1920×1080_30P,1920×1080_25P,1280×720_30P,1280×720_25P,720×576_25P,720×480_30P
	Encoding	MPEG-4 AVC/H.264	
	Bit-rate	1~13Mbps each channel	
	Rate Control	CBR/VBR	
	GOP Structure	IP...P (P Frame adjustment, without B Frame)	
	<b>Audio</b>	Encoding	MPEG1 Layer II
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 (MPTS) output over UDP and RTP, 1000 Base-T Ethernet interface (Multicast/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℃(work); -20~80℃ (Storage)	

	Power requirements	AC 110V $\pm$ 10%, 50/60Hz, AC 220 $\pm$ 10%, 50/60Hz
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### Order Information

	Version I	VersionII	VersionIII
4 HDMI Input	○		
8 HDMI Input		○	
12 HDMI Input			○