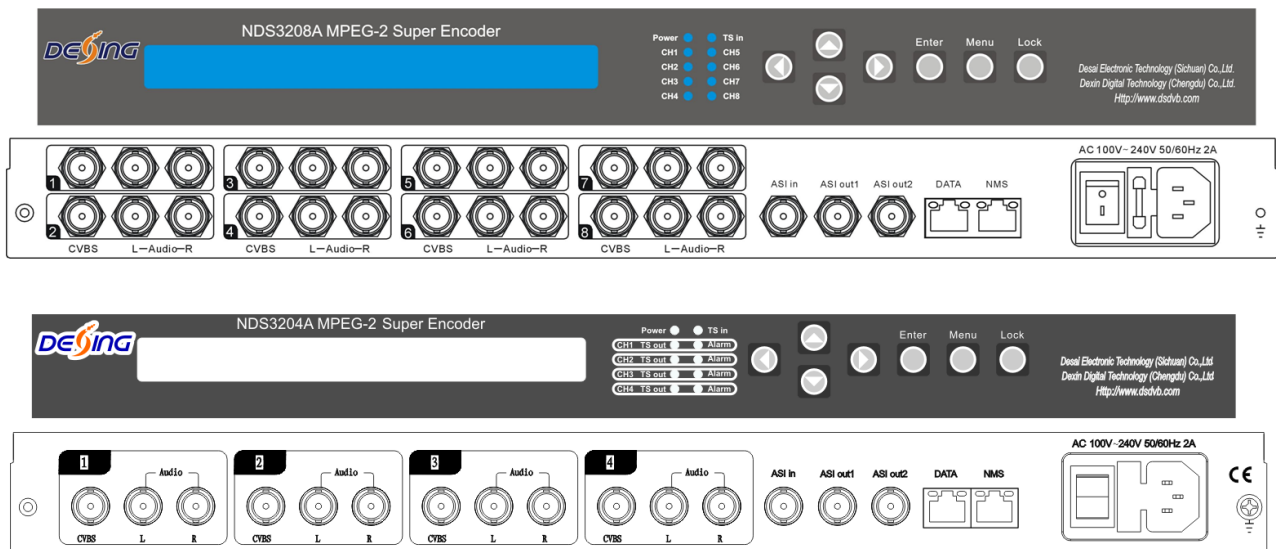


# Encoder Series

## NDS3208A/NDS3204A MPEG-2 4/8 in 1 Encoder



## Outline

The Dexin NDS3208A 8 in1 (NDS3204A 4 in1) MPEG-2 Super Encoder (with IP output) is a professional audio&video encoding and multiplexing device. This device has 8(4) CVBS input interfaces and 8(4) pairs of unbalanced analogue stereo audio input interfaces, and two ASI output interfaces which can output the multiplexing and condensed data. Moreover, this device can simultaneously encode 8(4) channel audio& video signal and can multiplexer one ASI input stream to MPTS. Besides, it supports the criterion MPEG-2 encoding format, and the audio encoding formats supports MPEG1 Layer2 , LC-AAC and AC3. Furthermore, this super encoder has the IP output function; users can manage the device according to the SNMP/Web. In conclusion, its high compatibility and integrate design make this device widely used in a variety of digital TV broadcasting systems.

## Features

- Supports MPEG-2 video encoding, and advanced video pre-treatment

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# Encoder Series

## NDS3208A/NDS3204AMPEG-2 4/8 in 1 Encoder

- The audio formats are MPEG-1 Layer2, LC-AAC and AC3.
- 8(4) CVBS video input
- 8(4) pairs of unbalance stereo audio input
- Multiplexes one ASI input
- Supports PAL , NTSC SD signal
- Supports IP output
- Supports MPTS or 8(4)xSPTS output over UDP
- Keyboard and LCD operation
- Support SNMP or web management

## Specifications

<b>Input</b>	8 CVBS inputs , BNC interface		<b>NDS3208A</b>
	8 pairs unbalanced stereo audio input, BNC interface		
	4 CVBS inputs , BNC interface		<b>NDS3204A</b>
	4pairs unbalanced stereo audio input, BNC interface		
	1 ASI stream input, BNC interface		
<b>Video</b>	Resolution	720×480_59.94i, 544×480_59.94i,352×240_59.94i 320×240_59.94i ,176×240_59.94i,160×120_59.94i	
		720×576_50i ,640×576_50i,352×288_50i 320×288_50i, 176×288_50i, ,176×144_50i	
	Encoding	MPEG-2	
	Bit-rate	0.8Mbps~19Mbps each channel	
	Rate Control	CBR/VBR	
	GOP Structure	IPPPP, IBPBP, IBBPB, IBBBP	
	Advanced Pretreatment	De-interlacing, noise reduction, sharpening	
<b>Audio</b>	Encoding	MPEG-1 Layer 2,LC-AAC and AC3	
	Sampling rate	48KHz	

# Encoder Series

## NDS3208A/NDS3204AMPEG-2 4/8 in 1 Encoder

	Resolution	24-bit
	Bit-rate	32Kbps~384Kbps each channel
<b>Multiplexing</b>	1 ASI input multiplexed with local 8(4) channels TS	
<b>Stream output</b>	2-way ASI output, BNC interface	
	MPTS or 8xSPTS over UDP,10/100Base-T Ethernet interface	<b>NDS3208A</b>
	MPTS or 4xSPTS over UDP,10/100Base-T Ethernet interface	<b>NDS3204A</b>
<b>System function</b>	LCD/keyboard, network management(SNMP/WEB)	
	Chinese and English language	
	Ethernet software upgrade	
<b>Miscellaneous</b>	Dimension(W×L×H)	482mm×410mm×44mm
	Approx weight	2.8kg
	Environment	0~45°C(work); -20~80°C (Storage)
	Power	AC 100~240V±10% , 50/60Hz

### order information:

	<b>NDS3204A</b>	<b>NDS3208A</b>
4 CVBS input	●	
8 CVBS input		●