



**NDS3228B**  
**NDS3224B**

**8-in-1**  
**4-in-1** **MPEG-2/H.264 SD Encoder**



**NDS3228B**



**NDS3224B**

## Product Overview

The DEXIN NDS3228B 8 in 1 (NDS3224B 4 in 1) MPEG-2/H.264 SD Encoder is our professional SD audio & video encoding and multiplexing device with powerful functionality. It has 8/4 independent channels of unbalanced audio & CVBS video input interfaces or SD-SDI input interfaces. The device supports MPEG-2 and H.264 video encoding



All the specifications are subject to change without any further notice. All rights reserved.

Add: No. 10 & No. 12, Wuxing Fourth Road, Wuhou District, Chengdu 610045, Sichuan, PR China  
www.dsdtvb.com/English Tel: +86-028-85558928 Fax: +86-028-85585255 Email: sunyu@dsdtvb.com

and MPEG-1 Audio layer 2, LC-AAC, HE-AAC and DD AC3 (optional) audio encoding. In addition, it has an ASI input and can multiplex the input TS with the 8/4 encoded SPTS to generate a MPTS output.

## Key Features

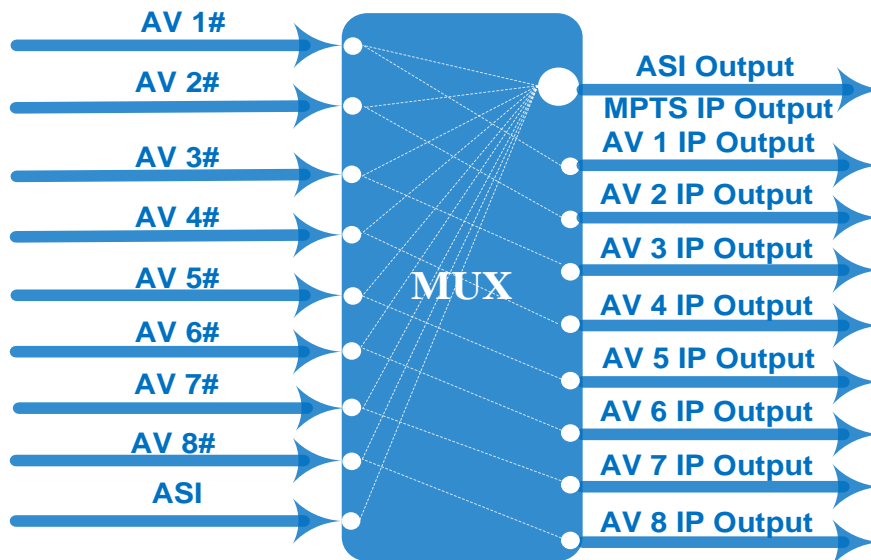
- Support 8/4 CVBS/SD-SDI inputs and 1 ASI Input for re-mux
- Support H.264 & Mpeg2 video encoding
- MPEG1 Audio Layer 2, LC-AAC, HE-AAC and AC3 2.0 (Optional) audio encoding
- Support CC (closed caption ) for CVBS interface
- Support Dialog Normalization(Optional)
- Support VBR/CBR video encoding
- Support Low Latency function
- Support PSI/SI editing and inserting
- Supports MPTS & 8/4 SPTS IP (UDP, RTP/RTSP) Output
- Supports IP null packet filter
- LCD / keyboard and web NMS operation
- Update device through NMS port

## Technical Specification

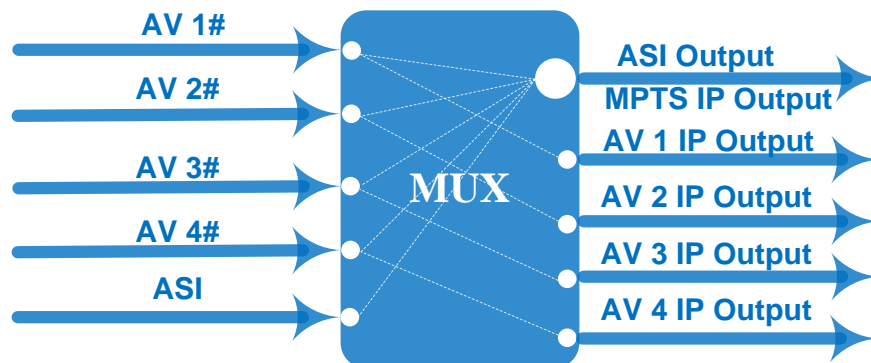
<b>Input</b>	NDS3224B 4 CVBS/SDI inputs, BNC interface	
	NDS3228B 8 CVBS/SDI in inputs, BNC interface	
	8/4 pairs unbalanced stereo audio inputs (for composite input only), BNC interface	
	1 ASI input, BNC interface	
<b>Video</b>	Resolution	720*576i; 720*480i
	Encoding	MPEG-2; H.264
	Bit-rate	0.5~15Mbps for H.264 encoding 1~15Mbps for MPEG-2 encoding
	Rate Control	CBR/VBR
	Aspect Ratio	4:3, 16:9
	Advanced Pretreatment	De-interlacing, Noise Reduction, Sharpening
<b>Audio</b>	Encoding	MPEG1 Audio Layer 2; LC-AAC; HE-AAC; AC3 2.0 (Optional)
	Sampling rate	48KHz
	Bit-rate	32Kb/s~384Kb/s (LC-AAC or HE-AAC) 64Kb/s~384Kb/s (MPEG1 Audio Layer 2)

<b>Multiplexing</b>	1 ASI input multiplexed with local 8 channels of TS	
<b>Stream output</b>	2*ASI output, BNC interface	
	MPTS/8*SPTS (4*SPTS) over UDP or RTP/RTSP, 100Base-T Ethernet interface (UDP/RTP/RTSP unicast / multicast)	
<b>System function</b>	Low Latency achieved (Normal, mode 1 and mode 2 optional)	
	LCD/keyboard and Web-based NMS operating	
	Chinese-English control interface	
	Ethernet software & hardware upgrade	
<b>Miscellaneous</b>	Dimension (W× L× H)	482mm×455mm×44mm
	Approx weight	4kg
	Temperature	0~45℃(work), -20~80℃ (Storage)
	Power	AC 100V-220V±10%, 50/60Hz
	Consumption	25W

## Principle Chart



**NDS3228B**



**NDS3224B**