



INOTECH

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



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 video input interfaces supporting MPEG-2 and H.264 encoding, and 8 (4) pairs of unbalanced stereo audio inputs with MPEG-1 Audio layer 2, LC-AAC and HE-AAC 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.

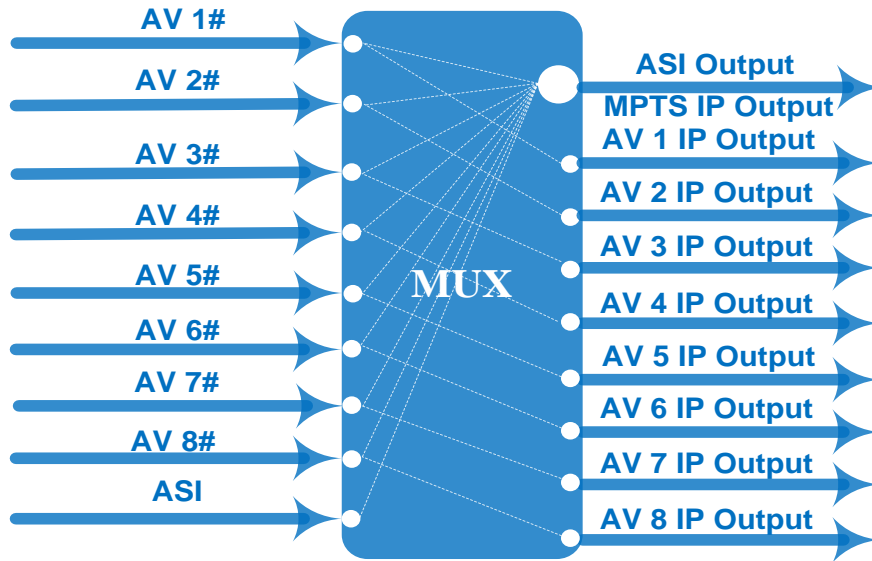
Key Features

- Support 8 (4) CVBS input and 1 ASI Input for re-mux
- Support H.264 & Mpeg2 video encoding
- MPEG1 Audio Layer 2, LC-AAC and HE-AAC audio encoding
- Support VBR/CBR video encoding
- Support Low Latency function
- Support PSI/SI editing and inserting
- Supports MPTS or 8 (4) SPTS IP (UDP, RTP/RTSP) Output
- Supports IP null packet filter
- Real-time output bit-rate monitoring
- LCD / keyboard and web NMS operation
- Update device through NMS port

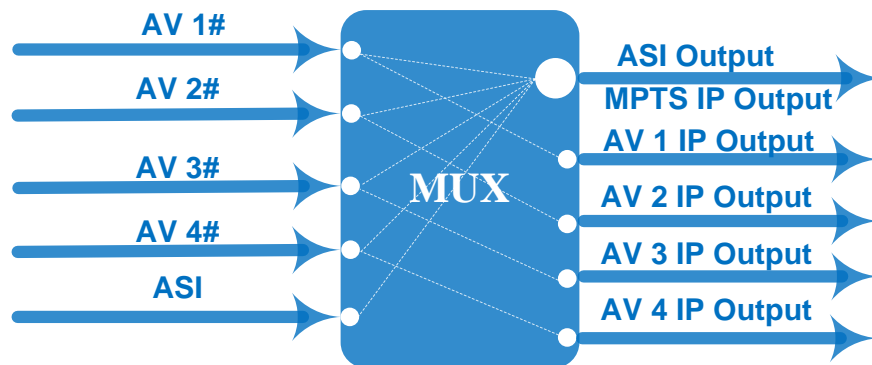
Technical Specification

Input	8 (4) CVBS inputs , BNC interface	
	8 (4) pairs unbalanced stereo audio input, BNC interface	
	1 ASI input, BNC interface	
Video	Resolution	PAL:720*576; NTSC: 720*480
	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
Audio	Encoding	MPEG1 Audio Layer 2; LC-AAC; HE-AAC
	Sampling rate	48KHz
	Bit-rate	32Kb/s~384Kb/s
Multiplexing		1 ASI input multiplexed with local 8 channels of TS
Stream output		2*ASI output, BNC interface
		MPTS/8*SPTS (4*SPTS) over UDP or RTP/RTSP, 100Base-T Ethernet interface (UDP/RTP/RTSP unicast / multicast)
System function		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
Miscellaneous	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