

NDS3228B 8 IN 1 MPEG-2/MPEG-4 H.264 SD Encoder Low bit rate (Vircs Chip set)



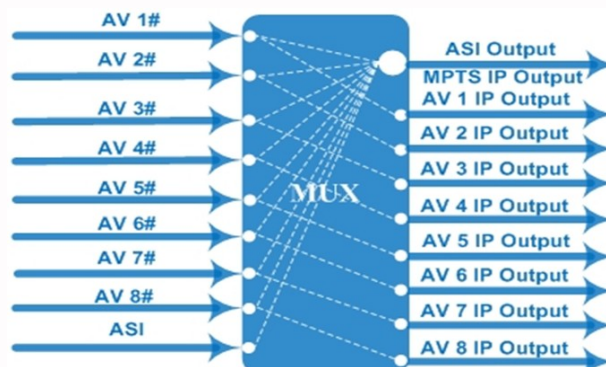
Product Overview

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 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.

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 or 8/4 SPTS IP (UDP, RTP/RTSP) Output
- Supports IP null packet filter
- LCD / keyboard and web NMS operation
- Update device through NMS port

Principle Chart (NDS3228B)



Technical Specifications

Input	NDS3224B 4 CVBS inputs, BNC interface	
	NDS3228B 8 CVBS/SDI in inputs, BNC interface	
	8/4 pairs unbalanced stereo audio input, BNC interface	
	1 ASI input, BNC interface	
Video	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
Audio	Encoding	MPEG1 Audio Layer 2; LC-AAC; HE-AAC AC3 2.0 (Optional)
	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°C(work), -20~80°C (Storage)
	Power	AC 100V-220V±10%, 50/60Hz
	Consumption	25W