



NDS3242B

4 in 1 MPEG-2/H.264 HD Encoder



Product Overview

NDS3242B MPEG2/H.264 HD Encoder is DEXIN's new professional HD audio & video encoding device with powerful functionality.

It has equipped with 4 YPbPr/HDMI/CVBS(Pr in) channels input supporting MPEG-2 & MPEG-4 AVC/H.264 video encoding and DD AC3 (2.0), MPEG4-AAC, MPEG2-AAC, MPEG1 Layer II audio encoding and AC3 (2.0/5.1/7.1) passthrough. It is also embedded with 4 CVBS port for CC (Closed Caption) only.

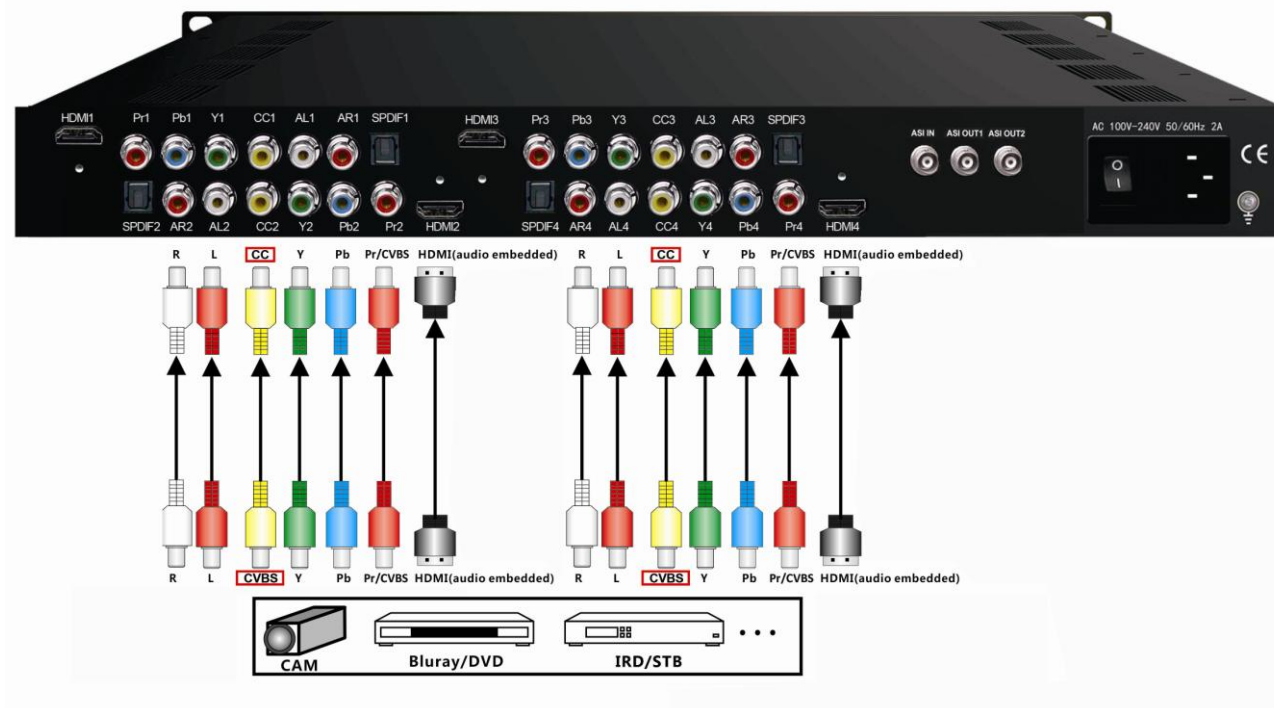
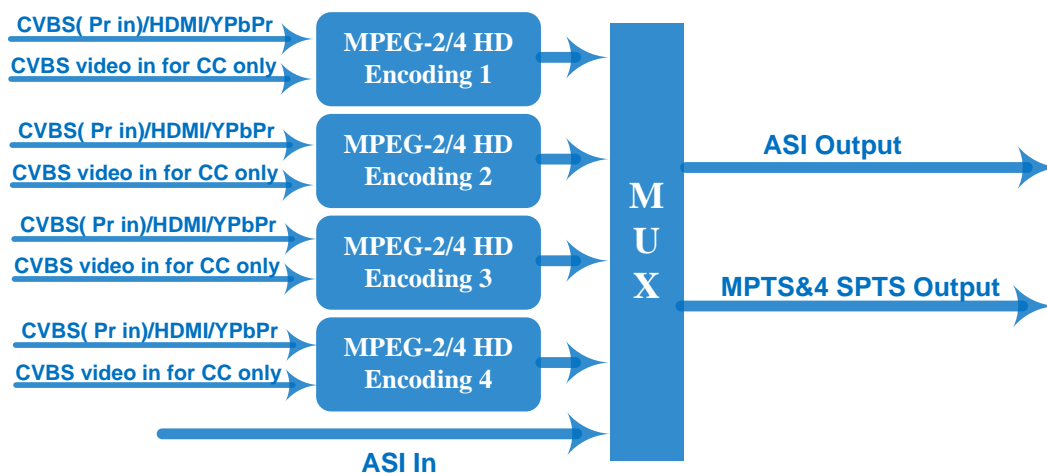
To meet customers' various requirements, NDS3242B is also equipped with 1 ASI input, and output with 2 ASI ports and 1 IP port.

Key Features

- **MPEG2 HD & MPEG4 AVC H.264 HD video encoding**
- **DD AC3 (2.0), MPEG4-AAC, MPEG2-AAC, MPEG1 Layer II audio encoding**
- **Support DD AC3 (2.0/5.1/7.1) passthrough (for HDMI interface only)**
- **4* HDMI/YPbPr/CVBS(Pr in) channels in**

- 1*ASI in for re-mux;
- Support CC (Closed Caption) EIA608, (from CVBS source only)
- Support Low Delay
- LCN (Logical Channel Number) support
- LCD display, Remote control and firmware
- Web-based NMS management; Updates via web

Principle Chart



Specifications

Encoding Section	
Video (HDMI)	
Encoding	MPEG2; MPEG4 AVC/H.264
Interface	HDMI*4
Resolution	1920*1080_60P, 1920*1080_50P (For MPEG 4 AVC/H.264 only), 1920*1080_60i, 1920*1080_50i, 1280*720_60p, 1280*720_50P
Low Delay	Normal, Mode 1, Mode 2
Audio (HDMI)	
Encoding	MPEG1 Layer II; MPEG2-AAC; MPEG4-AAC; DD AC3 (2.0) Optional; DD AC3 (2.0/5.1/7.1) passthrough
Interface	HDMI*4 /SPDIF*4
Sample rate	48KHz
Bit rate	64/96/128/ 192/256/320kbps
Video (CVBS/YPbPr)	
Encoding	MPEG2; MPEG4 AVC/H.264
Interface	CVBS/YPbPr*4 (RCA)
Resolution	CVBS: 720*576_50i, 720*480_60i YPbPr:1920*1080_60i, 1920*1080_50i; 1280*720_60p, 1280*720_50P
Low Delay	Normal, Mode 1, Mode 2

Audio (L/R)	
Encoding	MPEG1 Layer II; MPEG2-AAC; MPEG4-AAC; DD AC3 (2.0) Optional
Interface	4*Stereo/8*mono/4*SPDIF
Sample rate	48KHz
Bit rate	64/96/128/ 192/256/320kbps
System	
Local interface	LCD + control buttons
Remote management	Web NMS
Stream Out	2 ASI mirrored out (BNC type, 100M); IP (MPTS&4 SPTS) over UDP, RTP/RTSP out (RJ45, 100M)
NMS interface	RJ45, 100M
Aspect Ratio	4:3; 16:9
Language	English
General	
Power supply	AC 100V~240V
Dimensions	482*400*44mm
Weight	4.5 kg
Operation temperature	0~45℃