

## HP814B MPEG2/MPEG4 HD 4-in-1 Encoder



### Product Overview

HP814B MPEG2/H.264 HD Encoder is HIPRO's new professional HD audio & video encoding device with powerful functionality.

It has equipped with 4 HDMI/YPbPr/AV 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.

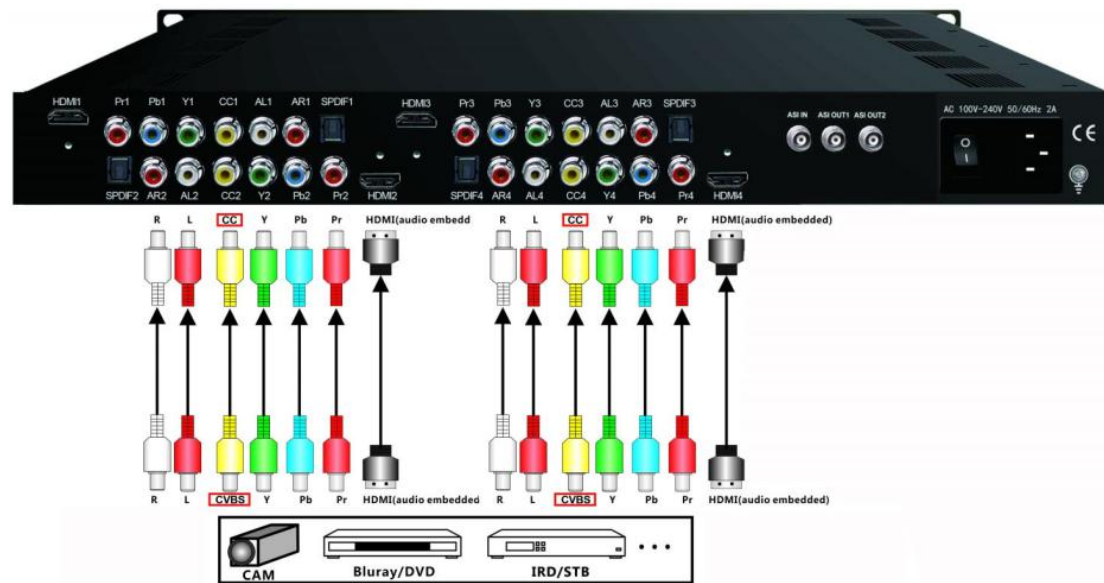
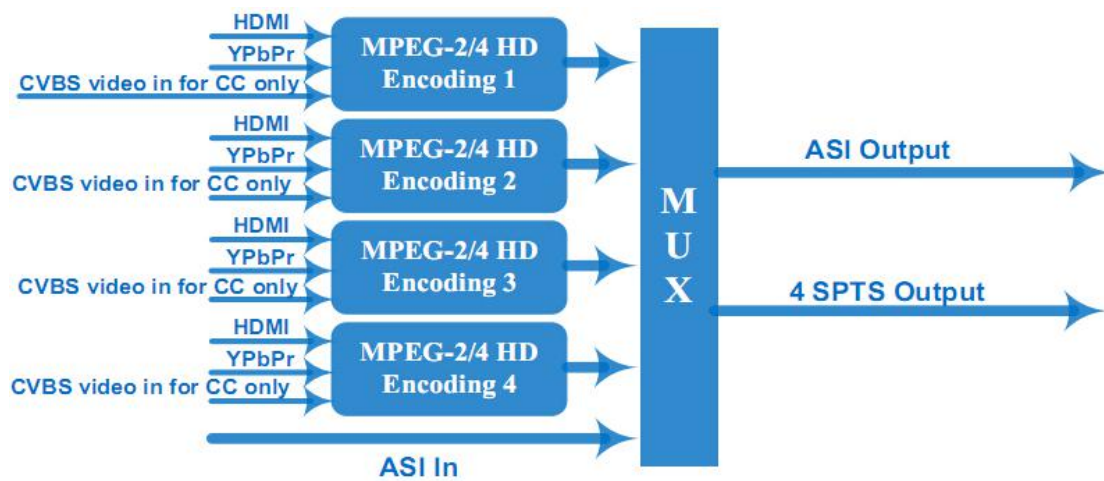
To meet customers' various requirements, HP814B is also equipped with 1 ASI input, and output with 2 ASI ports and 1 IP port.

### Key Features

- \* **MPEG2 HD & MPEG4 AVC H.264 HD video encoding**
- \* **AC3 (2.0), MPEG4-AAC, MPEG2-AAC, MPEG1 Layer II audio encoding**
- \* **Support DD AC3 (2.0/5.1/7.1) passthrough**
- \* **4\* HDMI/YPbPr/AV 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



## Specification

Encoding Section	
Video (HDMI)	
Encoding	MPEG2; MPEG4 AVC/H.264
Interface	HDMI*4
Resolution	1920*1080_60i, 1920*1080_50i, 1280*720_60p, 1280*720_50P
Low Delay	Normal, Mode 1, Mode 2
Aspect Ratio	4:3; 16:9
Audio (HDMI)	
Encoding	MPEG1 Layer II; MPEG2-AAC; MPEG4-AAC; DD AC3(2.0); DD AC3 (2.0/5.1/7.1) passthrough
Interface	HDMI*4 (SPDIF Not Applicable)
Sample rate	48KHz
Bit rate	64/96/128/ 192/256/320kbps
Video (YPbPr)	
Encoding	MPEG2; MPEG4 AVC/H.264
Interface	YPbPr*4 (RCA)
Resolution	1920*1080_60i, 1920*1080_50i; 1280*720_60p, 1280*720_50P
Audio (L/R)	
Encoding	MPEG1 Layer II; MPEG2-AAC; MPEG4-AAC; DDAC3(2.0); DD AC3 (2.0/5.1/7.1) passthrough
Interface	4*Stereo/8*mono
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 (4 SPTS) over UDP, RTP/RTSP out (RJ45, 100M)
NMS interface	RJ45, 100M
Language	English
General	
Power supply	AC 100V~240V
Dimensions	482*400*44mm
Weight	4.5 kg
Operation temperature	0~45°C