

Helio Quad II



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

Product Description

Helio Quad II is a MPEG2/H.264 HD Encoder is DVEO'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) pass through. It is also embedded with 4 CVBS port for CC (Closed Caption) only.

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

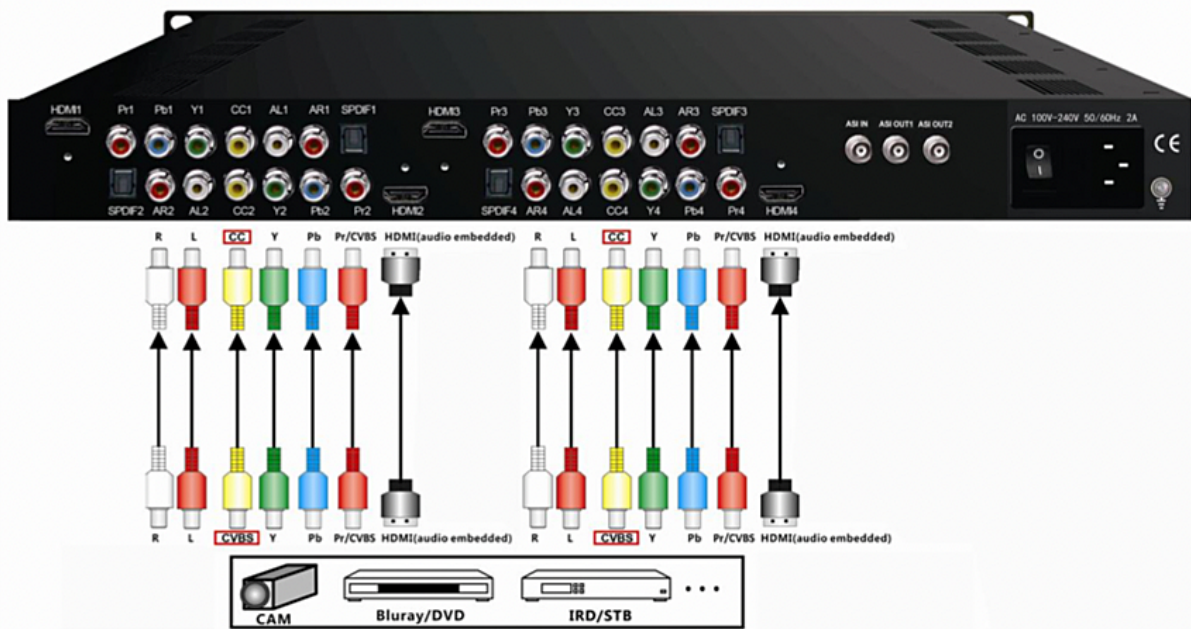
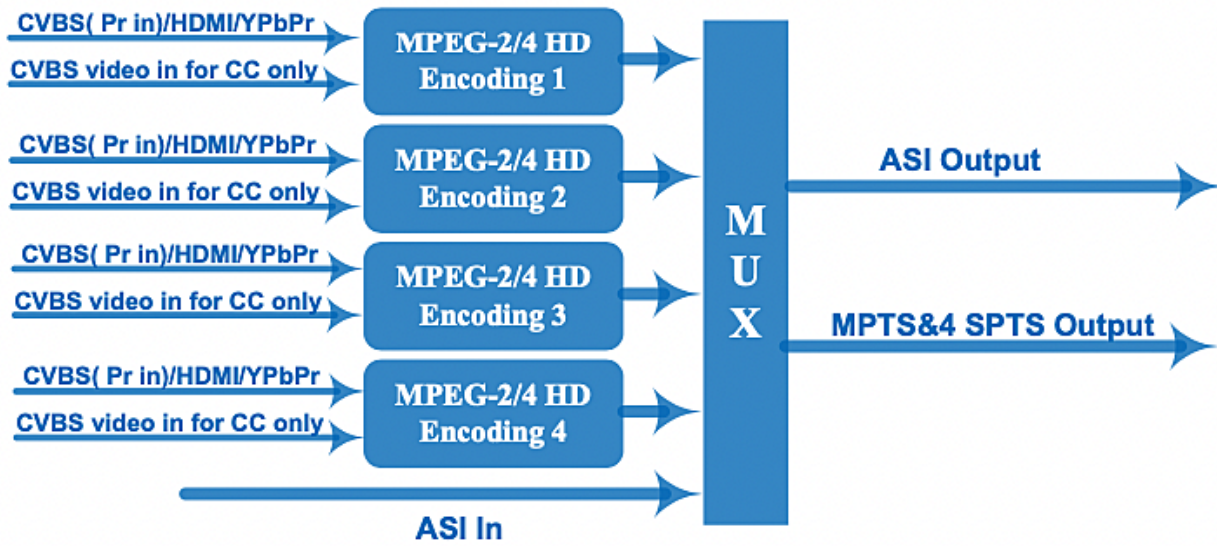
Key Features

- 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) pass through (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



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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) pass through
- 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* (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*SPDI
- Sample Rate: 48 KHz
- 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: 0~45°C



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