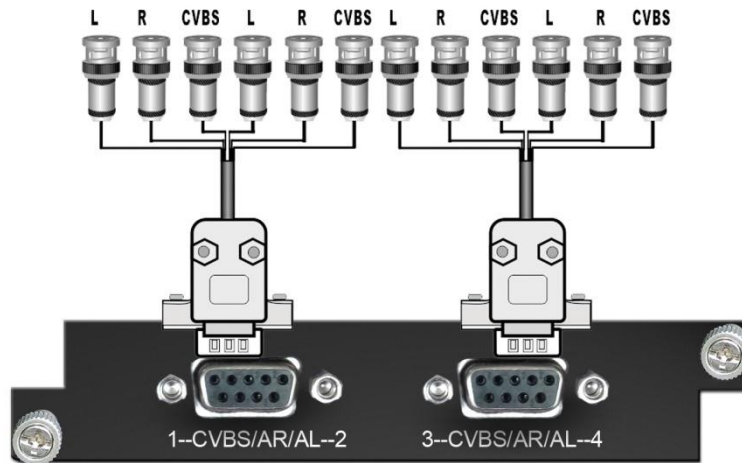# DESING

DHP400

24 in 1 SD Encoder

Adapt cable illustration per module (Q9 to BNC)

Product Overview

The Dexin DHP400 24 in 1 MPEG-2 Encoder (with IP output) is a professional audio&video encoding and multiplexing device. This device has 24 CVBS input interfaces and 24 pairs of unbalanced analogue stereo audio input interfaces, and 1 ASI output interfaces which can output

the multiplexing and condensed data. Moreover, this device can simultaneously encode 24 channel audio& video signal and can multiplex stream through ASI and IP port. Besides, it supports the criterion MPEG-2 encoding format, and the audio encoding formats supports MPEG1 Layer2, MPEG2-AAC and MPEG4-AAC. Furthermore, this encoder has the IP output function; users can manage the device according to the Web. In conclusion, its high compatibility and integrate design make this device widely used in a variety of digital TV broadcasting systems.

Key Features

- **Supports MPEG-2 video encoding**
- **Support MPEG-1 Layer2, MPEG2-AAC and MPEG4-AAC audio encoding.**
- **24 CVBS video input**
- **24 pairs of unbalance stereo audio input**
- **Supports PAL, NTSC SD signal**
- **Supports IP output; 1 ASI output for re-mux (unconfirmed)**
- **Supports 2 MPTS output over UDP**
- **Support web management**

Principle chart
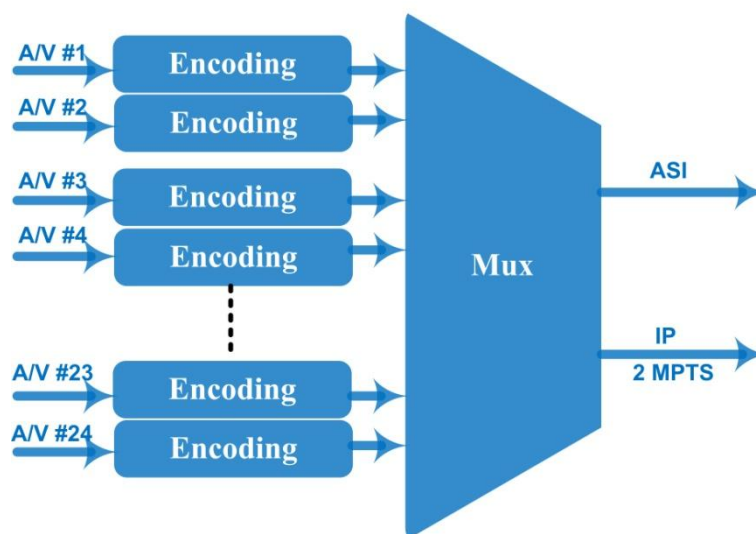
Specification

Input	24 CVBS inputs , BNC interface	
	24 pairs unbalanced stereo audio input, BNC interface	
	1 ASI input (under development)	
Video	Resolution	720×480_60i, 544×480_60i, 352×480_60i
		352×240_60i, 320×240_60i, 176×240_60i, 176×120_60i
		720×576_50i, 704×576_50i, 640×576_50i, 352×288_50i
		320×288_50i, 176×288_50i, 176×144_50i,
	Encoding	MPEG-2
	Bit-rate	0.1Mbps~8Mbps each channel
	Rate Control	CBR/VBR
	GOP Structure	IBBPB
	Advanced Pretreatment	De-interlacing, noise reduction
Audio	Encoding	MPEG-1 Layer 2, AC3
	Sampling rate	48KHz
	Resolution	24-bit
	Bit-rate	128Kbps,192kbps,256kbps,320kbps,384kbps each channel
Multiplexing	Multiplex with local 24 channels TS	
Stream output	1-way ASI output, BNC interface	
	2 MPTS over UDP, 1000Base-T Ethernet interface	
System function	LCD/keyboard, network management(WEB)	
	Chinese and English language	
	Ethernet software upgrade	
Miscellaneous	Dimension(W×L×H)	482mm×410mm×44mm
	Approx weight	8kg
	Environment	0~45℃(work)；-20~80℃（Storage）
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz
	Power consumption	20W