



HP824LX 24 in 1 HD Encoder



Product Overview

HP824LX is a professional high integration device which includes encoding, multiplexing. It supports 4/8/12/16/20/24 HDMI input, 1000M IP output (MPTS and SPTS output). In conclusion, its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, digital TV broadcasting etc.

Key Features

- 4/8/12/16/20/24 HDMI input, MPEG-4 AVC/H.264 Video encoding
- 4/8/12/16/20/24× HDMI inputs with 4/8/12/16/20/24 SPTS and 4 MPTS output, IP output over UDP and RTP protocol

- 2 ASI inputs
- 2 ASI **Independent output** (optional) as copy of 4MPTS
- Support “Null PKT Filter” function
- Support PID Remapping/ PCR accurate adjusting
- LCD、key function
- Control via web management, and easy updates via web

Specification

input	HDMI(4/8/12/16/20/24 HDMI)	
	2 ASI inputs	
output	2 ASI output	
	IP output:4/8/12/16/20/24× HDMI inputs with 4/8/12/16/20/24 SPTS and 4 MPTS output, IP output over UDP and RTP protocol	
video	Encoding	MPEG-4 AVC/H.264
	Resolution	Input:1920×1080_60P, 1920×1080_60i, 1920×1080_50P, 1920×1080_50i, 1280×720_60P, 1280×720_50P, 720×576_50i,720×480_60i, Output:1920×1080_30P,1920×1080_25P,1280×720_30P,1280×720_25P,720x576_25P,720x480_30P
	Bit-rate	1Mbps~13Mbps (each channel)
	Rate Control	CBR
Audio	Encoding	MPEG1 Layer2
	Sampling rate	44.1KHz and 48Khz
	Bit-rate	64kbps ,128Kbps,192kbps,224kbps,256kbps,320kbps, 384kbps
	Resolution	24-bit
	Audio Gain	0-255 Adjustable
Multiplexing	Maximum PID Remapping	180 output pids per channel
	Function	PID remapping (automatically or manually)
		Accurate PCR adjusting
System function	Network management(WEB)	
	Chinese and English language	
	Ethernet software upgrade	
Miscellaneous	Dimension(W×L×H)	482mm×410mm×44mm

	weight	8kg
	Environment	0~45°C(work); -20~80°C(storage)
	Power requirements	AC100~240V, 50/60Hz