

# HPS1328A 8IN1 Magnum MPEG2/H.264 SD Encoder



## Overview

HPS1328A 8IN1 MPEG-2/H.264 SD encoder has 8 channels analog composite video and 8 pairs of unbalanced audio (mono or stereo) input, supporting MPEG-2/H.264 video and MPEG-1 audio encoding, to generate DVB transport stream (TS/ASI) and IP (TS over IP, MPTS/SPTS) output. It uses Magnum chipset, supporting low bitrate. This encoder suits 1U rack and provides front panel LCD operation and NMS (Network Management Software) controlling. Its high-integrated and cost-effective design makes it widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting and terrestrial digital TV, etc.

## Features

- ◆ Magnum chipset, supporting low bitrate
- ◆ H.264/MPEG-2 video and MPEG-1/HE-AAC audio encoding
- ◆ 8×CVBS and 8 pairs of unbalanced audio (8×AV) input

- ◆ PID, program name and program number edit
- ◆ LCD/Keyboard control by front panel and network management by Ethernet

## Technical Specification

<b>Input</b>	<b>Video</b>	8×CVBS, BNC interface
	<b>Audio</b>	8 pairs of unbalanced audio, BNC interface
<b>Video Coding</b>	<b>Encoding</b>	MPEG2/H.264 full D1
	<b>Pixel</b>	PAL: 720×576, NTSC: 720×480
	<b>Frame Rate</b>	25, 29, 97, 30fps
	<b>Aspect Ration</b>	4X3,16X9,1X1
	<b>Bit Rate</b>	0.5~7.5Mbps per channel
<b>Resolution</b>		352×240, 320×240, 320×180, 192×192, 160×120
<b>Audio Coding</b>	<b>Sampling</b>	32KHz, 44.1KHz, 48KHz
	<b>Bit Rate</b>	32, 48, 56, 64, 128, 192, 256, 384, 640 Kbps
	<b>Property</b>	MPEG-1 Layer2/HE-AAC/LC-AAC
<b>Output</b>	<b>2×ASI</b>	DVB standard, BNC interface
	<b>IP Out</b>	IP/UDP/MPTS/SPTS (Unicast/Multicast), network RJ-45 10/100 M base-Tx
<b>Control</b>		NMS (Ethernet port, RJ-45), Keyboard + LCD
<b>General Features</b>	<b>Size</b>	482mm×410mm×44mm
	<b>Temperature Range</b>	0~45°C (Operation); -20~80°C (Storage)
	<b>Power</b>	100-240VAC, 50Hz, 25W