

SD 8IN1 Magnum MPEG2/H.264 Encoder



Overview

SD 8IN1 MPEG-2/H.264 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
- ◆ 8xCVBS and 8 pairs of unbalanced audio (8xAV) input

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

Technical Specification

Input	Video	8xCVBS, BNC interface
	Audio	8 pairs of unbalanced audio, BNC interface
Video Coding	Encoding	MPEG2/H.264 full D1
	Pixel	PAL: 720x576, NTSC: 720x480
	Frame Rate	25, 29, 97, 30fps
	Aspect Ration	4X3,16X9,1X1
	Bit Rate	0.5~7.5Mbps per channel
Resolution		352x240, 320x240, 320x180, 192x192, 160x120
Audio Coding	Sampling	32KHz, 44.1KHz, 48KHz
	Bit Rate	32, 48, 56, 64, 128, 192, 256, 384, 640 Kbps
	Property	MPEG-1 Layer2/HE-AAC/LC-AAC
Output	2xASI	DVB standard, BNC interface
	IP Out	IP/UDP/MPTS/SPTS (Unicast/Multicast), network RJ-45 10/100 M base-Tx
Control		NMS (Ethernet port, RJ-45), Keyboard + LCD
General Features	Size	482mmx410mmx44mm
	Temperature Range	0~45°C (Operation); -20~80°C (Storage)
	Power	100-240VAC, 50Hz, 25W