

SD 4IN1 Magnum MPEG2/H.264 Encoder



Overview

SD 4IN1 MPEG-2/H.264 Encoder has 4 channels analog composite video and 4 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 MPTS (TS over IP) output. It uses Magnum chipset and can support low bitrate. Besides, it 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
- ◆ MPEG-2/H.264 video and MPEG-1 /HE-AAC audio encoding
- ◆ 4xCVBS and 4 pairs of unbalanced audio (4xAV) input
- ◆ PID, program name and program number edit

- ◆ LCD/Keyboard control by front panel and network management by Ethernet

Technical Specification

Input	Video	4xCVBS, BNC interface
	Audio	4 pairs of unbalanced audio, BNC interface
Video Coding	Encoding	MPEG-2/H.264 full D1
	Pixel	PAL: 720×576, NTSC: 720×480
	Frame Rate	25, 29, 97, 30fps
	Aspect Ration	4X3, 16X9, 1X1
	Bit Rate	0.5~7.5Mbps per channel
Resolution		352×240, 320×240, 320×180, 192×192, 160×120
Audio Coding	Sampling	32KHz, 44.1KHz, 48KHz
	Bit Rate	32, 48 , 56, 64, 128, 192, 256, 384Kbps
	Property	MPEG-1 Layer 2/HE-AAC/LC-AAC
Output	2×ASI	DVB standard, BNC interface
	IP Out	IP/UDP (Unicast/Multicast), network RJ-45 10/100 M base-Tx
Control		NMS (Ethernet Port), Keypad + LCD
General Features	Size	482mm×280mm×44mm
	Temperature Range	0~45°C (Operation); -20~80°C (Storage)
	Power	100-240VAC, 50Hz, 25W