

8IN1 MPEG-2 SD Encoder



Overview

8IN1 MPEG-2 SD Encoder supports SD MPEG-2 video and MPEG-1 audio encoding. It has 8x CVBS video, 8 pairs of unbalanced audio input interfaces, and 1x ASI output port. The encoder suits 1U rack and can be configured by front panel LCD and NMS (network management software). 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

- ◆ MPEG-2 video and MPEG-1 audio encoding
- ◆ 8x CVBS video and 8 pairs of unbalanced audio (high-fidelity mono/stereo) input
- ◆ Support PAL and NTSC video formats
- ◆ Support ASI output
- ◆ LCD/Keyboard control by front panel and network management by Ethernet

Technical Specification

Input	Video Signal	8xCVBS, BNC interface, level 1.0 Vp-p
	Audio Signal	8 pairs of unbalanced audio, BNC interface, level 2.0 Vp-p
Video Coding		comply with ISO11172 (MPEG-1) & ISO13818 (MPEG-2)
		MPEG-2 coding adopt MP@ML (4:2:0)
		MPEG-2 Adaptive Field Frame (AFF)
		MPEG-2 Field-Based (FB)
Resolution	Standard	support 1/2D1, 2/3D1, 3/4D1,9/16D1
	Format	PAL/NTSC
Audio Coding	Sampling	32KHz, 44.1KHz, 48KHz
	Code Rate	32, 48, 56, 64, 128, 192, 256, 384, 448Kbps
	Property	MPEG-1 Layer2, 1xstereo or dual-channel
Output	2xASI	1 as mirror, DVB standard, BNC interface
Output BitRate		1.0~15Mbps continuously adjustable per channel
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