SD 4IN1 H.264 IP Encoder

Overview

SD 4IN1 H.264/MPEG-4 AVC Encoder (with IP out) supports SD H.264/MPEG-4 AVC video and MPEG-1 audio encoding. It has 4 analog composite video and 4 pairs of unbalanced audio (mono or analog stereo) input interfaces and DVB transport stream (TS/ASI) and IP/MPTS (TS over IP) output interfaces. This encoder suits 1U rack and can be operated by front panel LCD and remotely controlled by 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

◆ H.264/MPEG-4 AVC video and MPEG-1 audio encoding

◆ 4×CVBS video and 4 pairs of unbalanced audio (high-fidelity mono/stereo) input

◆ PID, program name and program number edit

◆ Support NTSC and PAL video formats

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

Technical Specification

Input	**Video**	4×CVBS, BNC interface
	Audio	4 pairs of unbalanced audio, BNC interface
Video Coding		H.264/MPEG-4 AVC, full D1 real-time encoding
		H.264 Adaptive Field Frame (AFF)
		H.264 Field-Based (FB)
Resolution	**PAL**	720×576
	NTSC	720×480
Standard		ISO/IEC14496-10 (H.264/ MPEG-4 AVC)
Audio Coding	**Sampling**	32KHz, 44.1KHz, 48KHz
	Code Rate	64, 128, 192, 256, 384Kbps
	Property	MPEG-1 Layer2
Output	**2×ASI**	DVB standard, BNC interface
	TS over IP	IP/UDP (MPTS/Unicast/Multicast), network RJ-45 10/100 M base-Tx
Channel Bit Rate		1.0~15Mbps per channel
Control		NMS (Ethernet port, RJ-45), Keyboard + LCD
General Features	**Size**	482mm×410mm×44mm
	Temperature Range	0~45°C (Operation); -20~80°C (Storage)
	Power	100-240VAC, 50Hz, 25W