

8IN1 HD H.264 IP Encoder



Overview

8IN1 MPEG-4 AVC/H.264 HD (High Definition) Encoder (with IP output) supports 8xHDMI and ASI input, and generates DVB transport stream (TS/ASI) and IP (TS over IP) output. It suits 1U rack and supports 1080i/p, 720p and HDCP. Besides, SC-1815 can be operated by both LCD/Keyboard 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

- ◆ H.264/MPEG-4 AVC High Profile Level 4.0 video encoding, advanced video pretreatment algorithm, MPEG-1 audio encoding
- ◆ 8xHDMI+ASI input
- ◆ Support HDCP
- ◆ Support multiple HD formats including 1080i/p and 720p
- ◆ LCD/Keyboard control by front panel and network management by Ethernet

Technical Specification

Input	8×HDMI	High Definition Multimedia Interface
	ASI	DVB standard, BNC interface
Video Coding		4:2:0 encoding H.264 HP@L4 MP@L3
		H.264 Adaptive Field Frame (AFF)
		H.264 Field-Based (FB)
		full HD: 1920×1080×60/50i/p, 1280×720×60p/50p
Standard		ISO/IEC14496-10 (H.264/MPEG-4 AVC)
Audio	Bit rate	128, 160, 192, 224, 256, 320, 384Kbps
	Property	MPEG-1 Layer2
	Sample Bit rate	32KHz, 44.1KHz, 48KHz
Output	2×ASI	DVB standard, BNC interface
	IP	IP/UDP (TS over IP), SPTS/MPTS/Unicast/Multicast
Output Bit rate		1 to 20Mbps (4:2:0) 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