

COL-8108H 8 channel HDMI IPTV encoder



Outline

COL-8108H 8channel HDMI IPTV encoder is most competitive cost and easy-to-use video streaming appliance designed for professional video producers . The product support 8 channel HDMI & 8 audio input, Encoding out dual stream of h.264 with MP3/AAC audio format. From any HDMI input source such as a camera or switcher, it generates an H.264-encoded stream compliant with RTSP, RTP, HTTP, UDP and RTMP protocols. The product can be applied to education, health care, IPTV, conference, remote education, news interview, banking, transportation and other industries.

Features

- 8 channel HDMI & 8 audio input,
- Support HLS & SDK
- Support APP on Mobile phone
- Support non-signal encoding

- Support TS with Audio Alone
- Low power consumption design
- Up to 720P, 1080P HD video input
- System supports WINDOWS XP/VISTA/SERVER2003/SERVER2008/WIN7 32 and WIN764, LINUX
- Supports MP3 and AAC audio format selection
- Encoding specification: BASELINE PROFILE / MAIN PROFILE/ HIGH PROFILE
- Support a click to restore the default configuration
- Support STB decoding
- Support Main TS stream and the sub TS stream can use different network protocols for transmission (Multi-rate multi-protocol support)
- Support multiple equipments display at the same time on a computer
- Support network directly connected, don't need match HD collection card.
- Providing RTSP/RTP/HTTP/RTMP/UDP protocol
- Support H.264 Main Profile/H.264 High Profile and AAC audio.
- Web control interface
- Comply with CBR/VBR 16KBIT/S~12MBIT/S standard

Technical Specification

Video	Input	8 channel HDMI input,
	Resolution	1920x1080p/1920x1080i/1280x720p/720*576i/ 720*576p/640*480i
	Encoding	H.264/AVC

	Video Bitrate	0.8Mbps~12Mbps
	Bitrate mode	CBR/VBR
	GOP type	Adjustable
	Video	De-interlacing, noise reduction, sharpening
	OSD	Image, word
Audio	Encoding	AAC、MP3
	Resample Rate	Adaptive output sample rate (option)
	Sampling	32000,44100,48000
	Bitrate	64Kb/s~384Kb/s
System	RJ45	1000M Ethernet port
	Protocol	HTTP、UDP、RTSP、RTMP、ONVIF
	Configuration	WEB interface
	Upgrade	Software upgrades remoted
Environment	Dimensions	(W×D×H): 300mm x440mm x43 mm
	Net Weight	6KG
	Work Temperature	-20°C+ 60°C
	Power	110V/220V
	Power consumption	<40W

Application

IPTV digital headend

Encoding programs to YouTube

Internet conferencing system video capture

Remote education video system

Hotel TV System

Hospital, Bank, transport agency system