

Name : SDI HD Encoder

Model : MV-M4S01



Technical Description

MV-M4S01 HD SDI encoder is a professional high-definition audio and video encoding products, which support 1 channel or 1-SD SDI HD audio and video. 1 channel audio interface 3.5MM independent capture capabilities with SDI loop output. Dual streaming H.264 encoded output format, an audio MP3 / AAC /G.711 format. Adjustable rate coding, the picture quality can be controlled. Support HTTP / RTSP / RTP / RTMP / UDP/ONVIF/ HLS transport protocols. It is easy to install and there is no computer hardware compatibility issues.

Key features

- Support H.264 BASELINE PROFILE / MAIN PROFILE / HIGH PROFILE
- Support multiple devices display on a computer at the same time
- 1 channel SDI input, 1 channel audio interface 3.5MM independent input, support SDI / VGA / CVBS to HDMI input, Support audio gain ,be able to turn volume individually
- Support the SD SDI input and up to 1080p, 720P HD SDI input
- Support RTSP/RTP/RTMP/HTTP/UDP/ONVIF/ HLS unicast and multicast protocol (RTMP support adding users and changing passwords), Support DHCP/,ONVIF protocol, support HD Blue ray
- Compatible with Wowza /FMS/RED5 streaming media server, work in with streaming media server to push the streaming , to achieve a live streaming
- Support Main TS stream and the sub TS stream use in different network protocols for transmission (Multi-rate multi-protocol support)
- Rate Control CBR / VBR
- Video packaging: A mode: FFMPEG, B mode: VLC
- Supports streaming resolution custom output settings
- Transmission: TCP, UDP, 1000M (RJ45 Ethernet port duplex)
- Support streaming add watermark (OSD), XY axis, the font can be set.
- Transmission: TCP, UDP, 1000M (RJ45 Duplex network port)
- Support WEB access in Chinese/English, passwords changing, WAN remote management (WEB)
- Support DHCP gaining IP automatic ,support One-key recovery, upgrade and remote maintenance
- Image settings: contrast ratio, brightness, tones, saturation, noise detection, sharpness, filtering
- Support build-in or external methods , support left and right sound channel , Support audio gain ,be able to turn volume individually
- Support coding without video signal;
- Complete the setting effect immediately, don't need to restart
- Support set-top box decoder
- The low power consumption design
- Default ip:** 192.168.1.168, **login id :** admin, login **password:-** admin
- device show green light when RTMP enable

Specification

Product model	MV-M4S01 SDI HD encoder	
Input	1 channel SDI input, 1 channel 3.5 audio input	
Output	1 channel IP signal output	
Video	Input resolution	1920x1080p/1920x1080i/1280x720p/720*576i/640*480i And other conventional resolution
	Coding standard	H.264
	Coding level	H.264 BASELINE PROFILE H.264 MAIN PROFILE H.264 HIGH PROFILE
	Encoded size	640*360~1920*1080 (Can customize)
	Video bit rate	Rate control: CBR/VBR 16KBIT/S~12MBIT/S
	Video frame rate	30/60
	OSD	Character , images
Audio	Input selection	1 channel embedded audio SDI, 1 channel 3.5MM independent audio Support audio gain
	Audio coding	AAC/MP3/G.711
	Audio bit rate	64Kb/s~384Kb/s
	Sampling rate	32000、44100 ,48000etc
IP output	1 RJ 100M / 1000M adaptive Ethernet port, TS stream standard, dual-stream, ONVIF protocol	
System	Network protocol	Supports HTTP, RTSP, RTMP, HLS, UDP multicast, unicast
	Configuration management	Support IE configuration, remote upgrade
The common use	Power supply	12V~2A
	power consumption	5W
	Size	150mm * 100mm * 40mm(length*width*height)
	Operating temperature	-20°C+ 60°C
	Working humidity	<90%, Non-condensing
	Weight	0.25KG
Our company reserves the right to adjust the product parameters, if you have any questions please contact us to check		