1 HD Encoder to IP Output

ACE 01HDE

SKU : AD0221IAA1001

The **ACE 01HDE** 1 HD Encoder to IP Output is a Professional High-Definition Audio and Video Encoding product, which supports 1 channel HDMI high-definition audio and video, 1 channel audio interface 3.5MM independent collection function. Dual streaming H.264 encoded output format, an audio MP3 / AAC / G711 format. Adjustable rate coding, the quality of picture can be controlled. Support HTTP / RTSP / RTP / RTMP / UDP/ONVIF/ HLS transport protocols etc. It is easy to install, plug-play, no need to disassemble the machines, and there is no computer hardware compatibility issues.
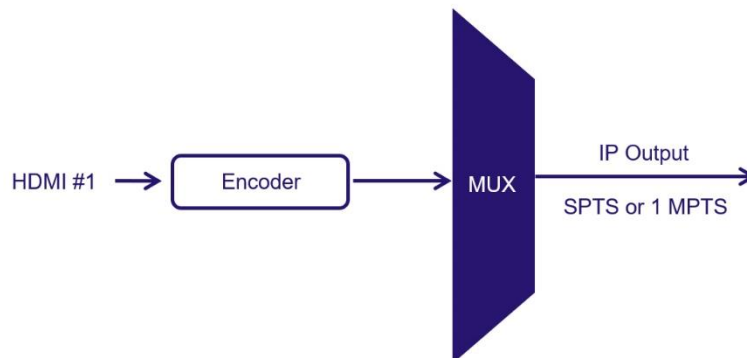
Main Features:

- The embedded hardware encoding
- Support $H_{.264}$ BASELINE PROFILE / MAIN PROFILE / HIGH PROFILE
- Support multiple devices display on a computer at the same time
- Encoding levels: Level $_1$, Level $_2$, Level $_3$, Level $_4$, Level $_5$ (The higher of the level, the larger code flow fluctuation ratio).
- Rate Control CBR / VBR $_{16}$KBIT / S ~ $_{12}$MBIT / S
- Support Network interface full-duplex mode $_{1000}$M
- $_1$ channel HDMI input, $_1$ channel audio interface $_{3.5}$MM independent input, support SDI / VGA / CVBS convert to HDMI input, Support audio gain, be able to turn volume individually
- Support up to $_{720}$P, HD $_{1080}$P video 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/RED$_5$ streaming media server etc, 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
- 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

Specification

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- 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 one-key recovery of the default configuration
- Support set-top box decoder
- The low power consumption design

Principle Chart:

Specifications:

PRODUCT	ACE 04HDO-1T
Input:	1 Channel HDMI input,1 channel 3.5 audio input
	1 channel IP signal output

Video:	Input resolution	1920x1080p/1920x1080i/1280x720p/720*576i/720*576p/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
	Input selection	1 channel embedded audio HDMI, 1 channel 3.5MM independent audio (Support audio gain)
	Audio coding	AAC/MP3/G711
	Audio bit rate	64Kb/s~384Kb/s

Specification

PRODUCT		ACE 04HDO-1T
IP output:		1 RJ 100M/1000M adaptive Ethernet port, TS stream standard, dual-stream, ONVIF protocol
System:	Network protocol	Supports HTTP, RTSP, RTMP, UDP, HLS 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℃+ 60℃
	Working humidity	<90%, Non-condensing
	Weight	0.25KG