

# DE-2008 8 HDMI to Dual IP out H264/H265



# Product Description

**DE-2008 8channel HDMI** Encoder supports 8-channel HD HDMI input, 8-channel 3.5MM input ,Encoded and output dual-stream H.265/H.264 format, audio MP3, AAC,G711 formats. The code rate can be freely adjusted according to the need. The device is highly integrated, cost-effective. Support HTTP / RTSP / RTP / RTMP / UDP/ONVIF/HLS transport protocols. , It is easy to install, plug-play, and there is no computer hardware compatibility issues.

## Key features

- Aircraft-grade aluminum technology, embedded hardware encoder
  - Support 1920x1080p/1920x1080i/1280x720p/720\*576i/720\*576p/640\*480i solutions (customized)
- The embedded hardware encoding, Aviation grade aluminum
- Support 8-channel HDMI input
  - Hot-swappable modules
  - Support WINDOWS and LINUX ETC
  - Support multiple devices display on a computer at the same time
  - Support RTSP/RTP/RTMP, HTTP, UDP ,ONVIF,HLS unicast, multicast and other protocols (RTMP supports adding the user and changing password )
  - Support Main TS stream and the sub TS stream use in different network protocols for transmission (Multi-rate multi-protocol support)
  - Encoding level: 1, 2, 3, 4 and 5 (the higher of the level ,the larger of Stream fluctuation rate)
  - Coding Standards: BASELINE PROFILE / MAIN PROFILE / HIGH PROFILE, audio MP3, AAC, Sampling rate: 32000,44100, 48000etc., Encoded audio bit rate: 48K, 64K, 96K, 128K, 160K, 192K, 256K
  - Rate Control :CBR / VBR 16KBIT / S ~ 12MBIT / S
  - Video packaging: mode A: FFMPEG, mode B: VLC
  - Transmission: TCP, UDP, 1000M (RJ45 Duplex network port)
  - Support WEB access in English, passwords changing, WAN remote management (WEB)
  - Support OSD in Chinese/ English, support OSD rolling, images superimposing, support adding LOGO ,Characters and symbols; Adjustable coordinates: 1920x1080; The font size resolution: 8 to 72.
  - 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 no video signal coding;
  - 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

# Specification

**Product model** DE-2008

8-channel HDMI HD encoder

**Input** 8-channel HDMI input, 8-channel 3.5MM audio input

**Output** 8-channel IP signal output

**Video** Input resolution 1920x1080p/1920x1080i/1280x720p/720\*576i/720\*576p /640\*480i etc Coding standard H.265/H.264 Coding level H.265 MAIN PROFILE

H.264 BASELINE PROFILE

H.264 MAIN PROFILE

H.264 HIGH PROFILE

Encoded size 640\*360~1920\*1080( customized )

Video bit rate Rate control: CBR/VBR 16KBIT/S~12MBIT/S

Video frame rate 1-60 OSD Character ,images

**Audio** Input selection 8- channel embedded audio HDMI,

8 -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 etc **IP**

**output** 8 RJ 100M / 1000M adaptive Ethernet port,TS stream standard, dual-stream, ONVIF protocol

**System** Network protocol Supports HTTP, RTSP, RTMP, UDP, ONVIF,HLS

multicast, unicast Configuration management Support IE configuration, remote upgrade

**The common use** Power supply 110/220V power consumption <40W Size 300mm x440mm x43 mm