



Key Industries



Broadcasting



Government



Education



Medicare



Military



Drone



Emergency communication



Integration

K6 Ultra Mini Encoder, a compact and highly embedded hardware encoder for integration required scenarios like Military, Emergency communication, Measurement, Defense and so forth.

We deeply understand what does the dimension and the performance mean for the system integration, K7 was the offspring of this idea. We sized its size 60* 40* 8 mm and used a high performance chipset for the encoder board to make 1080P@60 input and output possible while we remained pin for the most of interfaces, such as rs485, power, IO, GND, and LAN port.

It allows delivering FHD HDMI video and output an IP signal over 1G port, RTSP over UDP & TCP/ RTMP/ HTTP/UDP Unicast Multicast/ ONVIF/ RTP/ HLS/ SRT/ RTMPS supported by default, private protocol can be implemented as well.

Specification

Encoding

HEVC/ H.265, AVC H.264 MPEG-4

Profile

H.265 main profile, H.264 high/ main/ baseline profile

Input

HDMI- Up to 1080@60

3.5MM line-in Jack for audio

Output

IP- HTTP/HLS/ RTSP over UDP TCP/ RTMP/
UDP Unicast Multicast/ ONVIF/ RTP/ SRT

Encoded Resolution:

Up to 1080@60

Network

1* RJ45 gigabit full-duplex network adaptive for 100/1000M

Bitrates

Video: 16 to 51200 kbps, CBR/ VBR

Audio: 48K, 64K, 96K, 128K, 160K, 192K,256K., 320K

Audio sample rate: 24000- 256000

Audio format: MP3/ G.711/ AAC HE/ LC

Accessibilities

Video package: VLC/ FFMPEG

Stream information rename (PMT/ Transport ID/ Stream ID/ A/VID)

Image adaptation (Noise/ Sharpe/ filter/ contrast/ Bri/Hue)

RS485 (A/B), GND, 12V (serial)

Accessories

1* Encoder, 1* audio cable, 1* power adapter, 1* HDMI cable

Management

HTTP WEB GUI (80/ 90);

Haiwei video management platform;

LiveX for Phone; Telnet, API, SDK

Customized tools.

Others

Dimension: 60mm x 40mm x 8mm

Working temperature: -20°C to 60 °C

Working humidity: <90%

Net weight: 0.1KG

Power: 12V 2A

Consumption: 10-20W

