

Z-IP Encode 4K

Product Specifications



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Product Description

The Z-IP Encode 4K is a live-streaming HEVC and SRT encoder that allows for local content or point-to-point streaming. Whether you want to save bandwidth on point-to-point streaming, increase your video quality, or wow your audience with widespread 4K content, the Z-IP Encode 4K offers you the ability to do more with your content.

Key Features

- ✓ Output resolution up to 4K
- ✓ 1 RU rack-mountable
- ✓ Input resolutions from 720p to 4K
- ✓ HDR Video Encoding (Passthrough or Configurable)
- ✓ Web-based management through Chrome, Edge or Firefox
- ✓ Password protected GUI interface
- ✓ SRT for over the internet streaming
- ✓ HEVC Encoding

Name	ZBT0050211
Physical Description	Rack mountable (1RU): 438mm x 206mm x 43.2mm Fan Cooled: Internal Local Monitoring: 8 LEDs Power Supply: 100~240VAC 50/60Hz Power Consumption: 2.5A, 30W Typical
Audio/Video Input	HDMI 2.0 <ul style="list-style-type: none"> ✓ Connector: Single ✓ Audio: Embedded PCM ✓ HDCP Compliance: 1.4 and 2.2 ✓ Color Subsampling: 4:4:4 / 4:2:2 / 4:2:0
Output	ASI: Single, DVB-ASI GigE: RJ-45 x 2 Standard: ETSI EN 50083-9 (ASI), 1000Base-T Ethernet, Full Duplex (GigE) IP Streaming Protocol SRT UDP/RTP: Unicast / Multicast
Management / Control	GUI Supported: FireFox, Chrome, Edge Password Protected: GUI:Changeable

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Audio / Video Encoding Profiles

Video Codecs:

HEVC (H.265) Resolution, Tiers, Levels and Frame Rate

- ✓ 3840 x 2160p High Tier / Level 5.1 (60 / 50 / 30 / 25 Hz)
- ✓ 1920 x 1080p, High Tier / Level 4.1 (60 / 50 Hz)
- ✓ 1920 x 1080i, High Tier / Level 4.1 (60 / 50 Hz)
- ✓ 1280 x 720p, High Tier / Level 4 (60 / 50 Hz)

HEVC (H.265) Profile

- ✓ Main : 4:2:0 ; 8bit
- ✓ Main 10 : 4:2:0 ; 8bit / 10bit
- ✓ Main 4:2:2 10 : 4:2:2 / 4:2:0 ; 8bit / 10bit

HDR

- ✓ Hybrid Log-Gamma (HLG) / SMPTE ST 2084 (PQ) (Configurable or Passthrough)

Audio Codecs: MPEG-1 Layer II / AAC

