



The ZCube™ is a compact encoder system. It is a H.265/HEVC, H.264 and MJPEG video encoder designed for easy and portable use. It is capable of accepting 4K video at 30 frames per second and producing IP streams that can be sent on a standard Ethernet cable. The hardware consists of encoder boards capable of encoding H.265/HEVC video in HD and Ultra-HD resolutions. The ZCube features on-board interfaces including GigE, USB 2.0, Microphone Input and Composite Out.

Technical

Interfaces	Micro HDMI Input, GigE, USB 2.0, Audio Input, RS-232, Composite Output
Video Codecs	H.265/HEVC, H.264 and MJPEG
Encoding Resolutions	4K UHD & HD up to 30 fps(2160p, 1080p, 720p & lower)
Output Formats	RTP, RTSP, MPEG-2 TS and RTMP ¹
Features	<ul style="list-style-type: none"> • Low latency, Low Power • Simultaneous encode of H.265/HEVC and H.264 • Power over Ethernet (PoE) • Compatible with ZEUS® HE4K-01¹ and HE265-DEC Decoders

Specifications

¹ In H.264 mode only

Encoder Board Size	66 x 66 x 66 mm
Encoder Board Weight	87.9g
Power Consumption	4.5W typical while encoding H.265/HEVC video in 2160p30

BENEFITS

- High Quality Efficient H.265/HEVC Video Encoding
- Low Bandwidth, Low Latency Video Encoding
- Easy-to-Use HTTP-Based Control Interface

APPLICATIONS

Security and Surveillance
 Industrial Applications
 Medical Applications
 Customized Applications*

USE CASE

