Compact HDMI 4Kp60 Encoder
ZCube-60

The ZCube-60 is a compact encoder system for streaming and recording of 4Kp60 video. It is a H.265/HEVC, H.264 and MJPEG video encoder designed for portable high quality streaming. It is capable of accepting 4Kp60 video or laptop VESA Resolutions and producing IP streams. The ZCube-60 features a secure locking HDMI input and a HDMI output for a monitor display while offering simultaneous streaming and recording.
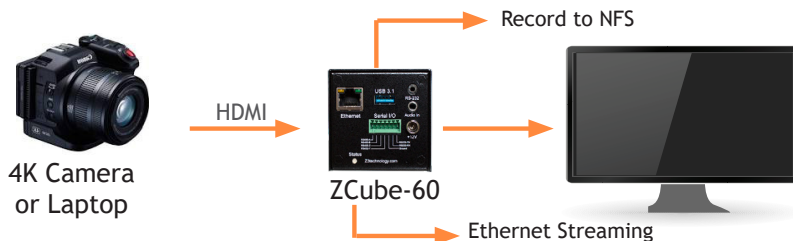

Technical

Interfaces	Locking HDMI Input, Locking HDMI Output, PoE, Gigabit Ethernet, USB 3.1, Mic Line Level Audio Input, RS-232, Serial I/O (RS-485, RS-422, RS-232)
Video Codecs	H.265/HEVC, H.264 and MJPEG
Encoding Resolutions	2160p60, 2160p30, 1080p and 720p (up to 60fps) Laptop Vesa Modes (up to 85fps)
Output Formats	RTP, RTSP, MPEG-2 TS, RTMP, RTMPS, and SRT HDMI Output (up to 4Kp30)
Streaming	• Simultaneously stream & record each channel • Send up to 3 simultaneous streams • When using 3 streams max resolution of each stream is 1080p60 • When using 2 streams max resolution of each stream is 1080p60 • When using 1 stream max resolution is 2160p60
Features	• Low latency, Low Power • Cyber Secure Features Available • Simultaneous encode of H.265/HEVC and H.264 • Control via HTTP/HTTPS web GUI, API, ONVIF or SSH/Serial • Live Video Preview • Record to USB or Network File System • SRT Modes Supported: Caller Sender, Rendezvous, and SRT Encryption

Specifications

ZCube Size	32 x 62 x 58 mm (1.3 x 2.4 x 2.3 in)
ZCube Weight	153g
ZCube Power Input	12V DC or PoE 802.3af/at class 0
ZCube Power Consumption	4.5W typical while encoding 4Kp60

USE CASE

4K Camera or Laptop → HDMI → ZCube-60 → Record to NFS / Ethernet Streaming
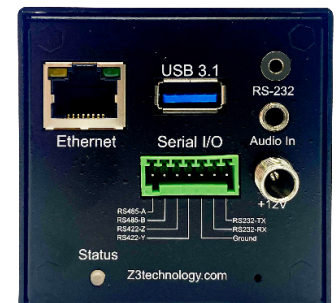
ORDERING INFORMATION

ZCube-60
Complete Solution

• ZCube-60

• Power Supply

• Serial Cable + Null Modem Adaptor

• Locking HDMI Cable

APPLICATIONS

Security and Surveillance

Military Applictions

Medical Applications

Customized Applications*

CE FC