



ZCube-21™

H.265 4K Encoder

The ZCube-21™ is a compact encoder system. It is a H.265/HEVC, H.264 and MJPEG video encoder designed for portable high quality streaming. It is capable of accepting 4K video or laptop VESA Resolutions and producing IP streams. The ZCube-21 features a secure locking HDMI input and a HDMI output for a monitor display while offering simultaneous streaming and recording.



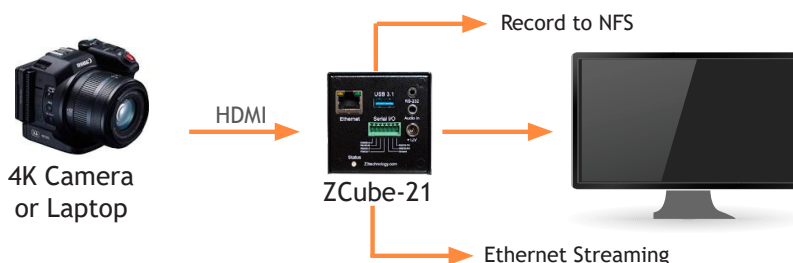
Technical

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	4Kp30, 1080p and 720p (up to 60fps) Laptop Vesa Modes (up to 85fps)
Output Formats	RTP, RTSP, MPEG-2 TS, RTMP, RTMPS, and SRT
Streaming	<ul style="list-style-type: none">• Simultaneously stream & record each channel• Send up to 3 simultaneous streams• When using 3 streams max resolution of each stream is 1080p30• When using 2 streams max resolution of each stream is 1080p60• When using 1 stream max resolution is 2160p30
Features	<ul style="list-style-type: none">• 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
Power Input	7.5V to 16V DC, 12V DC typ.

USE CASE



ORDERING INFORMATION

ZCube-21 Complete Solution

- ZCube-21
- Power Supply
- Serial Cable + Null Modem Adaptor
- Locking HDMI Cable

APPLICATIONS

Security and Surveillance
Military Applications
Medical Applications
Customized Applications*



***Contact Z3 Technology for Customized Product Options**

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