



# Compact Dual Analog Encoder

## ZCube-2C

The ZCube-2C is a compact encoder system for streaming and recording of two analog video signals. Select between H.265/HEVC, H.264 and MJPEG video encoding for high quality streaming and recording. An easy to use web user interface is available for controlling the system along with additional serial connections for a GPS, PTZ Mount, or Range Finder. The ZCube-2C features a secure locking HDMI output for an optional monitor display.



### Technical

Interfaces	Video 1 BNC (Composite Input), Video 2 BNC (Composite Input), Locking HDMI Output, PoE or 12V DC Power, Giga-bit 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	NTSC and PAL
Output Formats	MP4, RTP, RTSP, MPEG-2 TS, RTMP, RTMPS, and SRT <ul style="list-style-type: none"><li>• Simultaneously stream &amp; record each channel</li><li>• ZFinder Application enables:<ul style="list-style-type: none"><li>• Quickly find the device on your network</li><li>• Easily configure the IP addresses of each encoder from default IP settings</li><li>• Seamlessly handle software updates for multiple device</li></ul></li><li>• Low Latency, Low Power</li><li>• High Precision Timestamps Across Multiple Streams, MISB 0604 Compliant</li><li>• Cyber Secure Features Available, SNMPv2, SNMPv3 and the ability to turn off unneeded services</li><li>• User Level Authentication Settings Available</li><li>• Control via Web Gui, HTTP/HTTPS API, ONVIF or Serial/SSH</li><li>• Live Video Preview in the Web Gui</li><li>• Multicast and Unicast Support</li><li>• Text Overlay via Web Gui or custom placement of text or PNG via HTTP/S API</li><li>• RS-485 Pelco D Support, 3 configurable serial ports</li><li>• KLV Metadata Support</li><li>• Record to USB or Network File System</li><li>• SRT Modes Supported: Caller, Listener, Rendezvous, and Encryption, AES-128,192,256</li><li>• Seamless Dynamic Birate and Frame Rate Changes</li></ul>

### Features

### Specifications

ZCube Size	38 x 65 x 61 mm (1.5 x 2.6 x 2.4 in)
ZCube Weight	165g
ZCube Power Input	12V DC or PoE 802.3af/at class 0
ZCube Power Consumption	4.5W typical



### ORDERING INFORMATION

#### ZCube-2C

##### Included Cable Kit

- 12V Power Supply
- Serial Cable + Null Modem Adapter

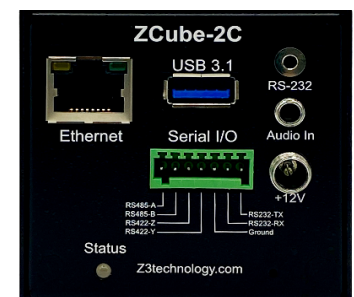
### APPLICATIONS

Security and Surveillance

Military Applications

Industrial Applications

Customized Applications



Made in the USA

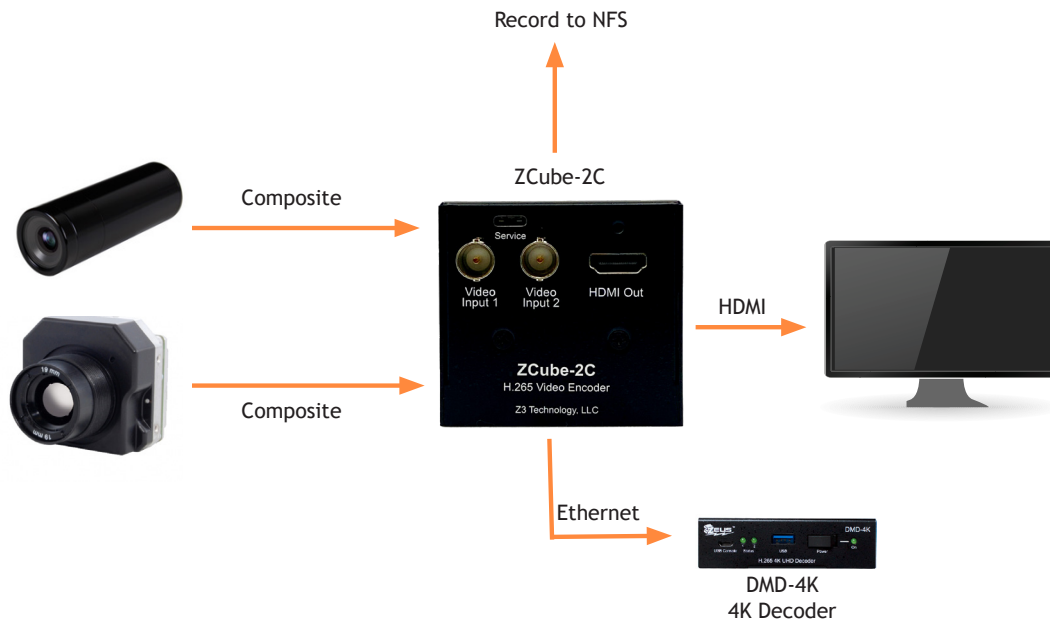
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## USE CASE



## ADDITIONAL ZCUBE OPTIONS



3G-SDI and Composite Encoder  
(Up to 1080p60 SDI and NTSC/  
PAL Composite)



HDMI Encoder  
(Supports up to 4Kp30)



HDMI Encoder  
(Supports Full 4Kp60)

**\*Contact Z<sup>3</sup> Technology for Customized Product Options**  
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