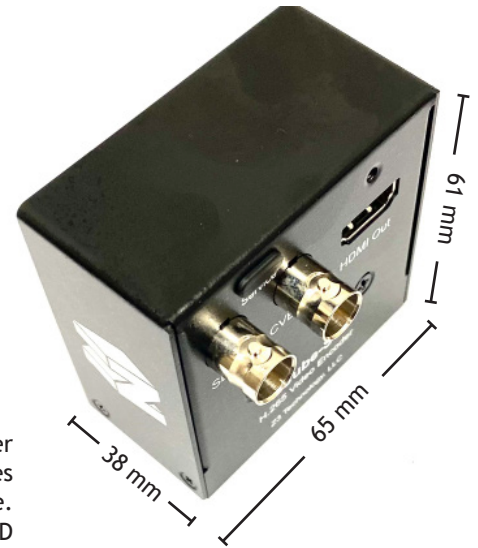




ZCube-SC

H.265 3G-SDI Encoder

- H.265/H.264 Video Streaming
- Camera Control Commands over IP
- ONVIF® Profile S and T Compliant
- HDMI Video Monitor Output



The ZCube-SC is a compact encoder system. It is a H.265/H.264 and MJPEG video encoder designed for easy and portable use. It is capable of accepting 3G-SDI video at 60 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/H.264 video in HD resolutions. The ZCube-SC features on-board interfaces including GbE, USB 3.1, HDMI output, 3G-SDI Input and Composite Input.



Technical

Encoder Modes	3G-SDI or Composite
Camera Formats	3G-SDI, NTSC/PAL/RS170*
Recording	USB and NFS
Additional Interfaces	GbE, Audio Input, RS-232, HDMI Output, POE, and Serial I/O (RS232, RS422 and RS485)
Video Codecs	H.265, H.264, MJPEG
Encoding Resolutions	1080p (up to 60fps), 720p, NTSC/PAL, VGA, CIF and QVGA
Output Formats	RTP, RTSP, MPEG-2 TS, RTMP, TS-File, MP4, TS-RTP, SRT and RTMPS

Features

- Low Latency, Low Power
- Live Video Preview in the Web User Interface
- Simultaneous Stream and Record
- SRT Modes Supported: Caller Sender, Rendezvous and SRT Encryption
- Timestamp or GPS support through overlay or SEI data
- Synchronous and Asynchronous KLV Metadata Support
- Compatible with ZEUS® Video Decoders
- Locking HDMI Connection

Specifications

Product Size	65 x 61 x 50 mm
Product Weight	169g
Power Input	7.5V to 16V DC, 12V DC typ.
Power Consumption	Typical about 4.5W at 1080p60
Power Supply	12V DC or POE 802.3af/at at class 0
Operating Temperature	-5° C to +60° C



ORDERING INFORMATION

Part Number: ZCube-SC
Includes:
 BNC to BNC cable
 12V Power Supply
 Documentation
 Serial Cable & Null Modem Adapter

APPLICATIONS

- Military
- Security and Surveillance
- Industrial
- Customized Applications



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