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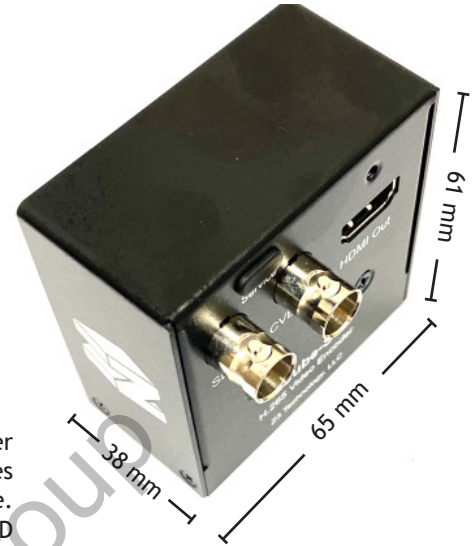


## ELECTRONIC GROUP, INC

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# 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

