ZCube-SDI
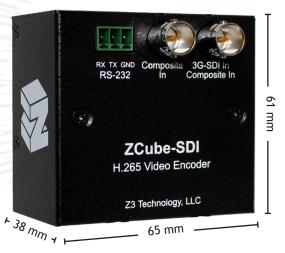## H.265 3G-SDI Encoder

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

The ZCube-SDI 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-SDI features on-board interfaces including GigE, USB 2.0, Audio Input, Composite Out and SDI/Composite In.

Technical

Encoder Modes	3G-SDI or Dual Composite
Interfaces	Composite In, 3G-SDI In/Composite In, RS-232
Camera Formats	3G-SDI, NTSC/PAL/RS170*
Recording	USB
Additional Interfaces	GigE, Audio Input, RS-232, Composite Output
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 and RTMP
Features	• Low Latency, Low Power • Ability to Resize HD Camera Input to Lower Resolutions Keeping Full Field of View • Pass Camera Control Commands over IP • Easy-to-Use HTTP-Based Control Interface • ONVIF® Profile S and T • Compatible with ZEUS® Video Decoders

Specifications

Product Size	65 x 61 x 38 mm
Product Weight	270g
Power Input	7.5V to 16V DC, 12V DC typ.
Power Supply	12V DC
Operating Temperature	-5˚C to +65˚C

BENEFITS

- H.265 high-efficient encode in resolutions up to1080p60
- Compact Form Factor

ORDERING INFORMATION

- ZCube-SDI
- Power Supply
- Documentation
- Serial Cable

APPLICATIONS

Military

Security and Surveillance

Industrial

Customized Applications

*Contact Z³ Technology for Customized Product Options
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