ZEUS™
by Z3 Technology

Z3-DME-10
Compact HEVC/H.265 IP Encoder

HEVC Video Encoder
DME-10

Power · Inp · Enc · SD Card · USB

Z3 Technology, LLC
www.Z3technology.com

SDI In · HDMI In · A/V In · Ethernet · RS-232 · +5V/2A

HEVC H.265
HEVC/H.265 ENCODING

COMPACT DESIGN

EASY-TO-USE CONTROLS

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COST EFFECTIVE

INTERFACES

Interfaces	1- 3G-SDI Input 1- HDMI Input 1- Composite Input 1- GbE 1- USB 2.0 1- SD Card 1- RS-232

VIDEO ENCODING

Supported Resolutions	HEVC/H.265 or H.264 encode in resolutions up to 1080p60
Video Codecs	HEVC/H.265 and H.264, CBR/VBR
Output Formats	RTP, RTSP, TSRTP, RTMP*, MPEG-2 TS and TS File
Video Frame Rates (SD)	25i, 29.97i, 30i, 50p and 60p
Video Frame Rates (HD)	23.98, 24, 25, 29.97p, 30, 50, 59.94 and 60 @ 720p & 1080p
Features	• Pro-MPEG Forward Error Correction • Zixi Feeder™ enabled • SRT Modes Supported: Caller, Sender, Rendezvous & SRT Encryption • STANAG 4609/NGA MISP compliant (KLV) • Ultra low bandwidth support • Stream one source into multiple resolutions and bitrates

AUDIO ENCODING

Interfaces	Embedded SDI and Embedded HDMI
Audio Codecs	AAC-LC ADTS, AAC-HE ADTS and AAC-HE V2
Optional Audio Codecs*	AAC-LC LATM, AAC-HE LATM, G.711 and PCM
Audio Bitrate	12 to 384 kbps

OTHER

Network Management	Device IP, Subnet Mask, Gateway
Software Control	Ethernet or Serial-based control
Power	5V Low Power Consumption, 4.5W typical at 1080p60
Temperature and Humidity	Operating: -5 to 65 degrees C at 20-80% Relative Humidity

SPECIFICATIONS

Dimensions	116 x 115 x 24 mm (4.57 x 4.53 x 0.94 in)
Weight	397 g (0.87 lb)

*Contact Z³ Technology for Customized Product Options

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE