![ZEUS by Z3 Technology logo]

Z3-DME-04
Compact H.264 HD Video Encoder

HD RESOLUTIONS | CLOSED CAPTIONING | COMPACT DESIGN | EASY-TO-USE CONTROLS

VIDEO ENCODING

Interfaces	1x 3G-SDI Input 1x Composite Input 1x HDMI Input 1x HDMI Pass-through 1x GigE
Supported Resolutions	H.264 BP, MP and HP up to 1080p60, Dual Channel encode of up to 1x 1080i30 + 1x 720p60
Video Codecs	H.264
Standard Definition	ISDB-T, DVB-H and others*
Output Formats	MPEG-2 TS, RTP, RTMP, RTMPS, RTSP, TSRTP and TSFile
Video Frame Rates (SD)	25i, 29.97i and 30i
Video Frame Rates (HD)	24p, 25p, 30p, 50p, 59.94i, 60i and 60p
Features	•Supports YouTube/Facebook Live •Closed Captioning (EIA-608, EIA-708) •GND A B - Custom Software Update Interface not enabled in standard release. •Supports Unicast and Multicast •Stream One Source into Multiple Resolutions and Bitrates •Seamless Bitrate/Frame Rate Changes & High Quality Deinterlacer

AUDIO ENCODING

Interfaces	Embedded HDMI and Embedded SDI Audio
Audio Codecs	AAC-LC ADTS and AAC-HE ADTS
Optional Audio Codecs	AAC-LC LATM, AAC-HE LATM, AAC-HE V2, G.711 and PCM
Audio Bitrate	32 to 320 kbps

OTHER

Network Management	Device IP, Subnet Mask, Gateway
Additional Interfaces	USB 2.0 and RS-232
Software Control	HTTP-Based GUI: Configuration and Software Update RS-232: Configuration
Power	5V External Power Supply Low Power Consumption, 6W Typical
Temperature and Humidity	Operating: 0 to 60 degrees C at 15-80% Relative Humidity, non-condensing Storage: -10 to 75 degrees C at 15-80% Relative Humidity, non-condensing

SPECIFICATIONS

Dimensions	117 x 84 x 21 mm (4.6 x 3.3 x .82 in)
Weight	298 g (.66 lb)

*Contact Z³ Technology for Customized Product Options

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