



Z3-DME-03

COMPACT H.264 HD VIDEO ENCODER

APPLICATIONS

IP Streaming

Corporate Environments



Z3-DME-03

VIDEO ENCODING

Interfaces	1x 3G-SDI Input 1x Composite Input 1x HDMI Input 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, RTSP, TSRTMP 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	<ul style="list-style-type: none"> •Closed Captioning (EIA-608, EIA-708) •Supports Unicast and Multicast •Stream One Source into Multiple Resolutions and Bitrates •Seamless Bitrate and 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 40 degrees C at 20-80% Relative Humidity Operating: -10 to 65 degrees C at 20-80% Relative Humidity

SPECIFICATIONS

Dimensions	118 x 121 x 34 mm (4.64 x 4.76 x 1.34 in)
Weight	475 g (1.05 lb)

*Contact Z³ Technology for Customized Product Options



sales@Z3technology.com • www.Z3technology.com • +1.402.323.0702

