

Z3-DME-02

H.264 DIGITAL MEDIA ENCODER & DECODER



ZEUS™ Z3-DME-02



APPLICATIONS

IP Streaming
Broadcast Encoding

VIDEO ENCODING

Interfaces	2x HD-SDI Input or 1x 3G-SDI Input 1x Composite Input 1x ASI Output* 1x GigE
Supported Resolutions	H.264 BP, MP and HP up to 1080p60 Dual Channel Encode up to 1x 1080i + 1x 720p60
Video Codecs	H.264
Standard Definition	ISDB-T, DVB-H and others*
Output Formats	MPEG-2 TS, RTP, RTMP, RTSP and TS File
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

AUDIO ENCODING

Interfaces	Analog Jacks 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 384 kbps

SPECIFICATIONS

Dimensions	233 x 129 x 35 mm (9.17 x 5.07 x 1.38 in)
Weight	921 g (2.03 lb)

VIDEO DECODING

Interfaces	1x ASI Input 1x 3G-SDI Output 1x HDMI Output 1x GigE
Supported Resolutions	H.264 BP, MP and HP up to 1080p60
Input Formats	MPEG-2 TS, RTP and TS File
Video Frame Rates (SD)	25i, 29.97i and 30i
Video Frame Rates (HD)	24p, 25p, 30p, 50p, 59.94i, 60i and 60p

AUDIO DECODING

Audio Codecs	AAC-LC ADTS and AAC-HE ADTS
Audio Bitrate	32 to 384 kbps

OTHER

Network Management	Device IP, Subnet Mask, Gateway
Additional Interfaces	2x USB 2.0 and RS-232
Software Control	HTTP-Based GUI: Configuration and Software Update RS-232: Configuration
Power	12V External Power Supply 7W Typical Consumption
Temperature and Humidity	Operating: 0 to 40 degrees C at 20-80% Relative Humidity Storage: -40 to 70 degrees C at 20-80% Relative Humidity

*Contact Z³ Technology for Customized Product Options

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