

Z3-DME-03 H.264 DIGITAL MEDIA ENCODER



Z3-DME-03

APPLICATIONS

- Broadcast Encoding
- Satellite Uplink
- HD Security Server
- Industrial Applications
- Remote Monitoring

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 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

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



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