



# Z3-DME-03 H.264 DIGITAL MEDIA ENCODER

## APPLICATIONS

Broadcast Encoding  
Satellite Uplink  
HD Security Server  
Industrial Applications  
Remote Monitoring

## Z3-DME-03

### VIDEO ENCODING

Interfaces	1- 3G-SDI Input 1- Composite Input 1- HDMI 1- GigE
Supported Resolutions	H.264 BP, MP and HP up to 1080p60, Dual encode of up to 1-1080i30 + 1-720p60
Video Codecs	H.264, MPEG-2*
Standard Definition	ISDB-T, DVB-H and others*
Output Formats	RTP, RTMP, MPEG-2 TS, 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"> <li>• Supports Unicast and Multicast</li> <li>• Fractional Resolutions and Frame Rates</li> <li>• Seamless Bit Rate and Frame Rate Changes</li> </ul>

### AUDIO ENCODING

Interfaces	Analog, HDMI, Embedded SDI audio
Audio Codecs	AAC-LC ADTS, AAC-HE ADTS
Optional Audio Codecs	AAC-LC LATM, AAC-HE LATM, AAC-HE V2, G711 and PCM
Audio Bit Rate	32 to 320 kbps

### OTHER

Network Management	Device IP, Subnet Mask, Gateway
Additional Interfaces	USB 2.0, RS-232
Software Control	Web 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 50 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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