

Z3-MVPR-02 H.264 DIGITAL MEDIA ENCODER & DECODER



ZEUS™ Z3-MVPR-02

FC CE

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

VIDEO ENCODING

Interfaces	2x Component Inputs 2x Composite Inputs 2x HDMI Inputs 1x GigE
Supported Resolutions	H.264 BP, MP and HP up to 1080p60, Dual Channel Encoding up to 2x1080i
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"> • Supports Unicast and Multicast • Supports One Source into Multiple Resolutions and Bitrates • Seamless Bitrate and Frame Rate Changes

AUDIO ENCODING

Interfaces	Analog Jacks and Embedded HDMI
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

SPECIFICATIONS

Dimensions	198 x 91 x 36 mm (7.80 x 3.58 x 1.42 in)
Weight	613 g (1.35 lb)

VIDEO DECODING

Interfaces	1x Composite 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 Bit Rate	32 to 320 kbps

OTHER

Network Management	Device IP, Subnet Mask, Gateway
Additional Interfaces	2x USB 2.0, SATA2, SD Card and RS-232
Software Control	HTTP-Based GUI: Configuration and Software Update SD Card: Software Update RS-232: Configuration
Power	12V External Power Supply 7W Typical Consumption
Temperature and Humidity	Operating: 0 to 45 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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