



HD RESOLUTIONS



ESSENTIAL STREAMING FORMATS



LOW POWER



RACK-MOUNT DESIGN

### VIDEO ENCODING

Interfaces	1- 3G-SDI Input 1- HDMI Input 1- ASI Output 1- GigE
Supported Resolutions	H.264 up to 1080p60
Video Codecs	H.264
Output Formats	MPEG-2 TS, RTP, RTMP, TSRTMP, MPTS* 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"> <li>• Pro-MPEG FEC</li> <li>• Zixi Feeder<sup>TM</sup> and Zixi Receiver<sup>TM</sup> Support</li> <li>• Closed Captioning (EIA-608, EIA-708)*</li> <li>• Standard Definition Encoding for ISDB-T, DVB-H and Others*</li> <li>• Supports Unicast and Multicast</li> <li>• Custom Video Bitrate, GOP and VBV Size</li> </ul>

### AUDIO ENCODING

Interfaces	Embedded HDMI and Embedded SDI Audio Supports up to 4 channels of SDI stereo 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

### SPECIFICATIONS

Dimensions	430 x 215 x 44 mm (16.93 x 8.46 x 1.72 in)
Weight	2.80 kg (6.18 lb)

### VIDEO DECODING

Interfaces	1- ASI Input 1- 3G-SDI Output 1- HDMI Output 1- GigE
Supported Resolutions	H.264 BP, MP and HP up to 1080p60
Video Codecs	H.264
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 320 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	100-240 VAC
Temperature and Humidity	Operating: 0 to 40 Degrees C at 20-80% Relative Humidity Storage: -10 to 65 Degrees C at 20-80% Relative Humidity

\*Contact Z3 Technology for Customized Product Options



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