



HD RESOLUTIONS



CLOSED CAPTIONING



COMPACT DESIGN



EASY-TO-USE CONTROLS

### 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, TSRTSP 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"> <li>• Supports YouTube/Facebook Live</li> <li>• Closed Captioning (EIA-608, EIA-708)</li> <li>• Supports Unicast and Multicast</li> <li>• Stream One Source into Multiple Resolutions and Bitrates</li> <li>• Seamless Bitrate/Frame Rate Changes &amp; High Quality Deinterlacer</li> </ul>

### 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 Storage: -10 to 65 degrees C at 20-80% Relative Humidity

### SPECIFICATIONS

Dimensions	157 x 122 x 33 mm (6.19 x 4.81 x 1.31 in)
Weight	513 g (1.13 lb)

**\*Contact Z<sup>3</sup> Technology for Customized Product Options**



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