



HD RESOLUTIONS



ESSENTIAL STREAMING FORMATS



LOW POWER



COMPACT DESIGN

### VIDEO ENCODING

Interfaces	1x HD-SDI Input 1x Composite Input 1x ASI Output 1x Ethernet
Supported Resolutions	H.264 BP, MP and HP in resolutions up to 1080i or 1080p30
Video Codecs	H.264 and MPEG-2
Standard Definition	ISDB-T, DVB-H and others*
Output Formats	MPEG-2 TS, RTP, RTSP and MPEG-2 TS over RTP
Video Frame Rates (SD)	25i, 29.97i and 30i
Video Frame Rates (HD)	•24p, 25p, 30p, 50p and 60p @ 720p •59.94i and 60i @ 1080i
Features	•Closed Captioning (EIA-608, EIA-708) Encode and Decode •Supports Unicast and Multicast •Seamless Bitrate and Frame Rate Changes

### AUDIO ENCODING

Interfaces	Analog Jacks and Embedded SDI Audio
Audio Codecs	AAC-LC ADTS, AAC-LC LATM, PCM and AC-3 Passthrough
Optional Audio Codecs	AAC-HE ADTS, AAC-HE LATM and MP2
Audio Bitrate	32 to 384 kbps

### SPECIFICATIONS

Dimensions	186 x 123 x 29 mm (7.32 x 4.84 x 1.14 in)
Weight	722 g (1.59 lb)

### VIDEO DECODING

Interfaces	1x ASI Input 1x HD-SDI Output 1x Ethernet
Supported Resolutions	Up to 1080i or 1080p30 when used with the MVE-20, MVE-02, the DME-01 or the MVPR-01. Up to 720p30 when used with generic encoders
Input Formats	MPEG-2 TS, RTP, RTSP, MPEG-2 TS over RTP
Video Frame Rates (SD)	25i, 29.97i and 30i
Video Frame Rates (HD)	•24p, 25p, 30p, 50p and 60p @ 720p •59.94i and 60i @ 1080i

### AUDIO DECODING

Audio Codecs	AAC-LC ADTS and AAC-LC LATM
Audio Bitrate	32 to 384 kbps

### OTHER

Network Management	Device IP, Subnet Mask, Gateway
Additional Interfaces	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 Low Power Consumption, 4W Typical
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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