



HD RESOLUTIONS



ESSENTIAL STREAMING FORMATS



LOW POWER



COMPACT DESIGN

### VIDEO ENCODING

|                        |  |
|------------------------|--|
| Interfaces             | 1x HD-SDI Input<br>1x Composite Input<br>1x ASI Output<br>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<br>•59.94i and 60i @ 1080i  |
| Features               | •Closed Captioning (EIA-608, EIA-708) Encode and Decode<br>•Supports Unicast and Multicast<br>•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<br>1x HD-SDI Output<br>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<br>•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<br>SD Card: Software Update<br>RS-232: Configuration               |
| Power                    | 12V External Power Supply<br>Low Power Consumption,<br>4W Typical  |
| Temperature and Humidity | Operating: 0 to 45 Degrees C at 20-80% Relative Humidity<br>Storage: -40 to 70 Degrees C at 20-80% Relative Humidity |

\*Contact Z3 Technology for Customized Product Options



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