

**H.264 1080p ENCODE & STREAM TODAY!**

**ZEUS Digital Media Encoder**

### Applications

- 1080p60 Broadcast Encoder
- Satellite Uplink
- HD Security Video Server
- Industrial Applications
- MPEG-2 to H.264 Transcoder



CE FC

## Z3-MVE-100

The Z3-MVE-100 Broadcast Encoder is a high-performance, compact 280mm x 165mm x 43mm system that supports Full HD, H.264 High Profile encode up to 1080p at 60 frames per second. The Z3-MVE-100 supports encoding from either a standard or high definition source. The system's flexibility allows it to be configured as an encoder or decoder from the HTTP GUI.

The Z3-MVE-100 features multiple interfaces such as 3G-SDI, ASI, HDMI, Component, GigE SATA2 and USB 2.0.

### Features:

- HD resolutions up to 1920 x 1080, including 1080p60/50
- Supports 4:2:2 capture and up to H.264 HP L4.1
- Inputs: 3G-SDI, HDMI/DVI, Component; ASI
- Outputs: ASI, IP over GigE; 3G-SDI, HDMI
- Passthrough: 3G-SDI or HDMI
- Other Interfaces: SATA2, USB 2.0, RS-232
- Web server based HTTP GUI configuration and software update interface
  - Button click to switch between encode and decode mode
- 280mm x 165mm x 43mm
- Internal HDD (optional\*)

### Performance:

- H.264 High Profile encode up to 1080p60
- Supports H.264 (MPEG-4 AVC) BP, MP, HP
- Input video re-sizer supports 1/2, 2/3 and 3/4 of standard resolutions
- Supports AAC-LC, HE-AAC stereo audio up to 192kbps
- Outputs MPEG-2 Transport Stream or RTP
- Low latency encode mode (optional\*)
- Transcode MPEG-2 to H.264 (optional\*)
- 12v External Power Supply
- 18W typical

\* Contact [sales@z3technology.com](mailto:sales@z3technology.com) for details.

Contact Z<sup>3</sup> Technology for customized product options

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