ZyPerMX4
Quad-Channel H.264 HD Encoder

Designed to encode and deliver H.264 video up to 1080p, the ZyPerMX4 allows organizations to deliver content over any IP network. With four encoders in a single appliance, IT/AV managers can deliver more content while utilizing fewer network resources.

Flexible HD Encoding
ZyPerMX4 delivers compressed 720p and 1080p HD resolution content directly over a standard Ethernet network.

Multiple Transport and Playback Options
Receive content on a wide variety of devices, including televisions/displays, computers, and smart devices via unicast, multicast (UDP/RTP), RTMP or HLS.

Effortless Deployment
The ZyPerMX4 supports power over Ethernet (POE) reducing the need for power supplies — all you need is an Ethernet switch that supports POE. Management is also a snap via web-based administration — providing full access to configuration parameters, control, and advanced features. Streams from the ZyPerMX4 are also auto-discovered by the ZvMXE+ set-top-box.

Highlights:
- 4 HDMI inputs
- H.264/MPEG-4 AVC, RTMP and HLS encoding
- Supports up to 1080p
- Linear PCM input, MP2 or AC3 audio output
- Built-in web server for control and configuration
- Power over Ethernet (PoE) support

Models:
ZMXENC4-4
Includes up to 4 HLS streams per HDMI Input.

ZMXENC4-100
Includes up to 100 HLS streams per HDMI Input

Maestro Administration Interface
### Input

<table>
<thead>
<tr>
<th></th>
<th>Connector</th>
<th>4 x HDMI Type A, female</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Video</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Audio Formats</strong></td>
<td>Linear PCM</td>
<td></td>
</tr>
<tr>
<td><strong>Closed Caption Audio</strong></td>
<td>4 x 3.5mm jack</td>
<td></td>
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</tbody>
</table>

### Output

<table>
<thead>
<tr>
<th></th>
<th>Connector</th>
<th>1 x RJ-45 [PoE], shielded</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LAN</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Audio Formats</strong></td>
<td>MP2, AC3</td>
<td></td>
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</tbody>
</table>

### Format

- **HDMI:** 720 x 480p, 1280 x 720p, 1920 x 1080p

### Other Specifications

- **Video Encoding (output)**: H.264/MPEG-4 AVC, RTMP, HLS
- **Audio Encoding (output)**: MP2, AC3
- **Output Bit Rate**: 1 Mbps - 30 Mbps
- **Power input (locking connector)**: 12 VDC 1A (Worldwide AC adapter is supplied)
- **Dimensions (L x W x H)**: 7.09 in (180 mm) x 4.41 in (112 mm) x 1.34 in (34 mm)
- **Temperature**: Operating temperature: 32 to 104 °F (0 to +40 °C)
  Storage temperature: -4 to +176 °F (-20 to +80 °C)
- **Humidity**: Operating/ Storage humidity: 20% to 90% (non-condensing)

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ZeeVee, Inc., headquartered in Littleton, Mass., and founded in 2007, is a leading global developer of digital technology and products for distributing audio-video content from any source or multiple sources to any number of displays. Manufactured in the U.S. and used primarily in commercial and corporate applications, ZeeVee products are employed worldwide by major organizations in education, government, hospitality, retail, sports, entertainment, broadcasting, healthcare, housing, energy and other industries. For more information visit [www.zeevee.com](http://www.zeevee.com)