

ZyPerMX2

Dual-Channel H.264 HD Encoder

Designed to encode and deliver H.264 video up to 1080p, the ZyPerMX2 allows organizations to deliver content over any IP network. With two encoders in a single appliance, IT/AV managers can deliver more content while utilizing fewer network resources.



Flexible HD Encoding

ZyPerMX2 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 ZyPerMX2 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 ZyPerMX2 are also auto-discovered by the ZvMXE+ set-top-box.

Highlights:

- 2 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:

ZMXENC2-4

Includes up to 4 HLS streams per HDMI Input.

ZMXENC2-100

Includes up to 100 HLS streams per HDMI Input

Maestro Administration Interface

5 connected **Manage All** Apply Reset IP Channel Help

Headend: Unnamed, No location Edit User Name: admin Logout Send Emergency Alert **Maestro™**

Status Channel Plan **IP Streaming** SSL AV Source Device Network STB EAS Config Admin Support About

At least one parameter has been changed. Click "Apply" to save your new settings.

System	Auto-name...	Slot	AV Port	Enabled	Transport	Stream IP	Stream Port	Prog #	Name	Encryption	High Bitrate	Low Bitrate	Low Resolution	Stream URL
1 selected				Set All	Set All	Set All	Set All	Set All	Set All	Set All	Set All	Set All	Set All	
MX4_ZyPer_Sources		1	1	Enabled	HLS	0.0.0.0	0	1	MYTV-1	disable	6	3	1080p30	http://192.168.4.11/media/MYTV-1.m3u8
		2	2	Enabled	HLS	0.0.0.0	0	2	MYTV-2	disable	6	3	1080p30	http://192.168.4.11/media/MYTV-2.m3u8
		3	3	Enabled	HLS	0.0.0.0	0	3	MYTV-1	disable	6	3	1080p30	http://192.168.4.12/media/MYTV-1.m3u8
		4	4	Enabled	HLS	0.0.0.0	0	4	MYTV-2	disable	6	3	1080p30	http://192.168.4.12/media/MYTV-2.m3u8

Show advanced controls Apply Reset IP Channel Help

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Input		
Video	Connector	4 x HDMI Type A, female
Audio Formats	Linear PCM	
Closed Caption Audio		4 x 3.5mm jack
Output		
LAN	Connector	1 x RJ-45 (PoE), shielded
Audio Formats	MP2, AC3	
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 - 10 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)	

ZyPerMX2 Front View



ZyPerMX2 Rear View



About ZeeVee

ZeeVee is a global pioneer and leader in the development and deployment of AV distribution systems for industrial, commercial and residential applications. As the only manufacturer that can deliver multimedia content over fiber, CATx and coax, ZeeVee has transformed the digital video industry with its award-winning HD to Ultra-HD/4K solutions for the pro AV and IT marketplace. The company offers a variety of innovative, cost-effective and easy to install AVoIP and RF distribution platforms. ZeeVee's technologies and products are installed in thousands of facilities worldwide where there is a need to transport HD/UHD content from multiple sources to multiple displays over long distances. ZeeVee is a founding member of the SDVoE Alliance and a Global Presence Alliance Technology Partner. For more information visit www.zeevee.com