

# ZyPerMX2

Dual-Channel H.264 HD Encoder

2 HDMI inputs

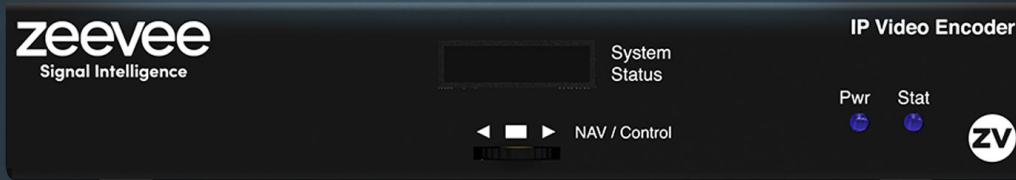
H.264/MPEG-4 AVC, RTMP, RTSP and HLS encoding

Supports up to 1080p

Direct Streaming to services such as YouTube Live, uStream and Twitch

FRONT VIEW

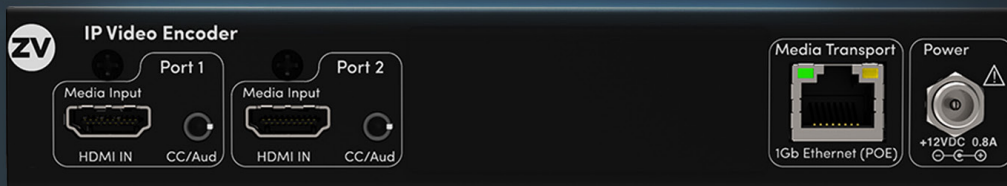
Linear PCM input, MP2, AAC or AC3 audio output



Built-in web server for control and configuration

REAR VIEW

Power over Ethernet (PoE) support



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, RTSP or HLS.

## MODELS:

### ZMXENC2-4

Includes up to 4 HLS streams per HDMI Input

### ZMXENC2-100

Includes up to 100 HLS streams per HDMI Input.

## 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 STBi3 set-top-box.

zEEVEE Intelligent AV Distribution Headend: Unnamed, No location [Edit] User Name: admin [Logout] [Send Emergency Alert] Maestro™

Navigation: Status | Channel Plan | IP Streaming | SSL/RTMP | AV Source | Device | Network | STB | EAS Config | Admin | Support | About

1 connected [Apply] [Reset] [IP Channel Help]

No settings have been changed from their active values.

System	Auto-name...	Slot	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	
ZyPerMX2			1	Enabled	UDP	229.1.1.12	1234	1	Guy	disable	6	3	720p30	N/A
			2	Enabled	UDP	225.1.1.13	1234	2	two	disable	6	3	720p30	N/A

[Show advanced controls] [Apply] [Reset] [IP Channel Help]

No settings have been changed from their active values.

# ZyPerMX2 FEATURES

## 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, AAC	

## Formats

HDMI Input: 640 x 480p, 720 x 480i/p, 720x576i/p, 1280 x 720p, 1920 x 1080i/p	Streaming Output: 720 x 480p, 1280 x 720p or 1920 x 1080p
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## Other Specifications

Video Encoding (output)	H.264/MPEG-4 AVC, RTMP, HLS
Audio Encoding (output)	MP2, AC3, AAC
Output Bit Rate	Selectable from 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)

## About ZeeVee

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)

*ZeeVee products are TAA Compliant. ZeeVee holds GSA Contract # 47QTCA19D00JZ.*

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