

ZyPerMX

H.264 HD Encoder

The ZyPerMX encoder is designed to encode and distribute video over a Local Area Network. Resolutions up to 1080p Full HD and 1920 x 1200 @ 60 Hz are supported.



Send compressed Full HD 1080p video, audio, and control over ethernet

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

Change sources and content instantly without programming

IP based architecture enables you to quickly switch from one source to another with minimal loss of frames - even at 1080p resolutions

Dolby Digital 7.1 Audio

ZyPerMX can distribute high definition 7.1 crystal clear audio from each source over the entire network - perfect for churches, stadiums, or other public venues that need an affordable long distance audio solution.

Highlights:

- H.264/MPEG-4 AVC encoding
- Supports input and output resolutions up to 1080p Full HD and 1920 x 1200 @ 60 Hz
- Linear PCM input, Linear PCM or AAC audio output
- Built-in web server support facilitates control and configuration
- Supports PoE

Models:

ZMXENC1

HDMI 1.4 Encoder with UDP or RTP IP stream output via Gbit/copper. PoE. Configurable Data Rate from 2 Mbps - 30 Mbps.

Maestro Administration Interface

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	
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

Input		
Video	Connector	1 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: 640 x 480 @ 60Hz, 800 x 600 @ 60Hz, 1024 x 768 @ 60Hz, 1280 x 768 @ 60Hz, 1280 x 800 @ 60Hz, 1280 x 1024 @ 60Hz, 1360 x 768 @ 60Hz, 1366 x 768 @ 60Hz, 1440 x 900 @ 60Hz, 1400 x 1050 @ 60Hz, 1600 x 1200 @ 60Hz, 1680 x 1050 @ 60Hz, 1920 x 1200 @ 60Hz, 720 x 480 (480P) @ 60Hz, 720 x 576 (576P) @ 50Hz, 1280 x 720 (720P@30Hz), 1280 x 720 (720P@50Hz), 1280 x 720 (720P@60Hz), 1920 x 1080 (1080P@24Hz), 1920 x 1080(1080P@25Hz), 1920 x 1080 (1080P@30Hz), 1920 x 1080 (1080P@50Hz), 1920 x 1080 (1080P@60Hz)		
Other Specifications		
Video Encoding (output)	H.264/MPEG-4 AVC, HLS	
Audio Encoding (output)	MP2, AC3	
Output Bit Rate	2 Mbps - 30 Mbps	
Power input (locking connector)	12 VDC 1A (Worldwide AC adapter is supplied)	
Dimensions (L x W x H)	8.66 in (220 mm) x 9.45 in (240 mm) x 1.71 in (43.5 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)	

ZyPerMX Front View



ZyPerMX Rear View



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