

ZyPerMX4

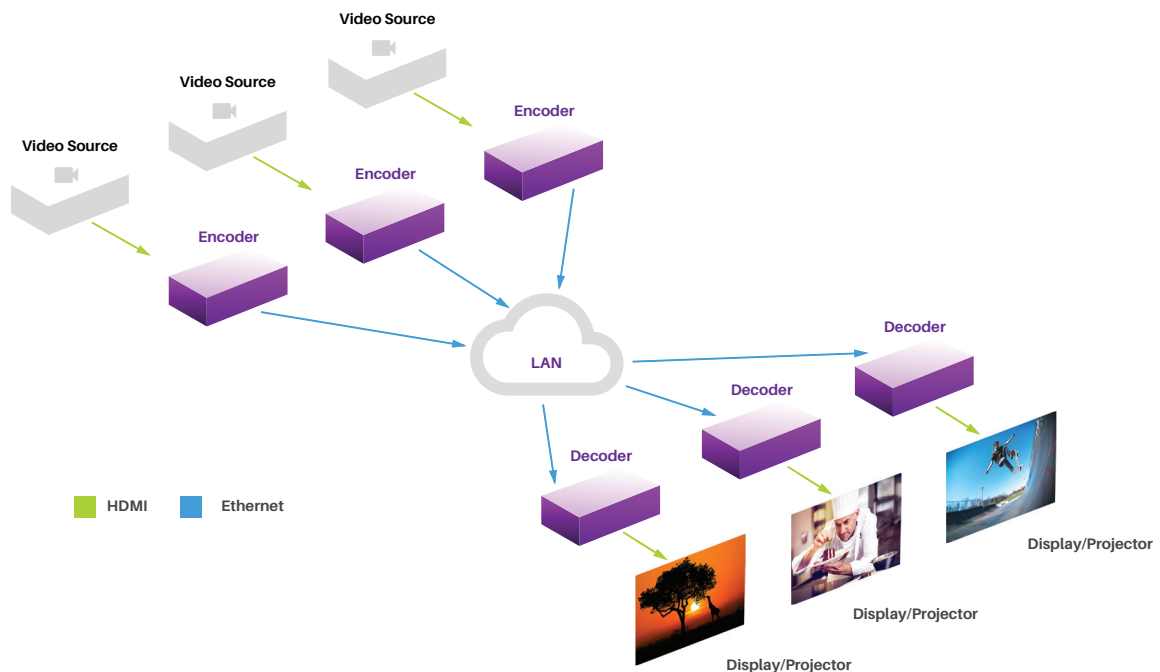
Quad HDMI Input Video Distribution

Distribute four channels of up to 1080p HD video content via unicast, multicast or HLS. The ZyPerMX4 provides the most flexibility when distributing HD content to televisions, desktops, and mobile devices.

Communicate directly with each encoder using the built-in web server, providing full access to configuration parameters, control, and features. Once connected to the network, the IP settings on the encoder can be configured automatically by a DHCP server or can be entered manually in static mode. Multicast and unicast UDP and RTP data connections along with HLS encoding are supported. The ZyPerMX4 Encoder provides a complete and cost-effective solution for video-over-IP applications requiring high-performance and zero down-time in a dynamic environment.

Feature Summary:

- H.264/MPEG-4 AVC and HLS 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
- 4 HDMI Inputs
- Configurable using DHCP or static IP addressing
- Supports an unlimited number of targets in multicast mode, supports up to 4 Clients per input in HLS mode
- Multicast streams with compatible with ZvMXE+ or LG webOS streaming application
- Field-upgradable firmware via built-in web server



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	Linear PCM or AAC	
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)	LPCM, AAC	
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)	

*FOR ADDITIONAL SPECIFICATIONS PLEASE REFER TO THE ZYPERMX4 PRODUCT PAGE ON ZEEVEE.COM



ZMXENC4 Encoder