



ZyPerUHD60 Encoder, 3x1 Switching Input, Dual LAN with Integrated Management

| Ethernet - RJ-45 | 4K/30 UHD
| 4K/60 UHD (4:2:0) | 4K/60 UHD (4:4:4)



ZUHD60-2EMP is an HDMI 2.0a, Switching, triple-input AVoIP Encoder (Dual HDMI and USB-C) that is part of the ZyPerUHD60 product line. It supports IP streaming up to 4KP60 4:4:4 resolution with embedded and AES67 audio support; HDCP 2.3 and AES-256 encryption. Includes integrated ZyPer Management Platform running on a dedicated processor. This encoder has a 5-pin Phoenix/Euroblock connector for analog audio in/out and gigabit copper. Other features include USB-A, IR, RS-232 (via 3-pin Phoenix/Euroblock), and HDMI loopout. The ZUHD60-2EMP requires a ZyPerUHD60 AVoIP Decoder for operation and comes with an IR emitter, receiver, and wall mount bracket included. Ethernet, HDMI, USB, and audio/serial cables are not included. Can use POE or AC (20v Power supply sold separately)

FEATURES

Compressed 4K
HDMI 2.0
Video Wall
AES Encryption
HDCP 2.3
AES67
USB 2.0, 802.1x compatible



TECHNICAL SPECIFICATIONS

Video	HDMI 2.0a with HDCP pass-through and USB-C 2x HDMI type A and USB-C
Video Loopout	HDMI HDMI type A
Audio (Analog)	Balanced Stereo (Input or Output) 5-pin Phoenix
IR	Input/Output ports 3.5mm mini jacks
Serial	Full Duplex up to 115.2 kbps 3-pin Phoenix
USB	Single USB 2.0 USB Type B
Ethernet (PoE)	1 Gb for Video/Audio/Control ,1 Gb for Dante 2x 1 Gb RJ45 port (One or two ports)
Formats	Supports all major VESA resolutions and variations including: VGA: 640x480 (4:3) SXGA: 1280x1024 (5:4) 1080p/i: 1920x1080 (16:9) SVGA: 800x600 (4:3) WXGA: 1366x768 (16:9) QXGA: 2048x1536 (4:3) XGA: 1024x768 (4:3) SXGA+: 1440x1080 (4:3) Ultra HD: 3840x2160 (16:9) HDTV: 1280x720 (16:9) UXGA: 1600x1200 (4:3) 4K: 4096x2160 (16:10)
Video Other	Color Depth: 24 bit, 30 bit
Maximum distance	Cat6a: 328 ft (100 m)
Copy Protection/Security	AES-256, HDCP 2.3, 802.1X compatible
Power Consumption	Approximately 7W
Dimensions / Weight	215mm x 25mm x 120mm (W x H x D), 705 grams
Temperature	Operating Temperature +32°F ~ +113°F (0°C ~ +45°C) Storage Temperature -4°F ~ +158°F (-20°C ~ +70°C)
Humidity	10% ~ 90%, non-condensing
Accessories	ZUHD60RACK 6RU Rack mount chassis. Holds up to 10 ZyPerUHD60 encoders/decoders. Includes 4 blank panels 12V2APS 12 Volt, 2A Power Supply for UHD60 units. (Not compatible with 2E, 2EA, 2EMP and 1WE encoders) Not required if using PoE for power 20V6APS 20 Volt, 6A Power Supply for UHD60 Encoder units. (Only compatible with 2E, 2EA and 2EMP units) U60WPPS ZyPerUHD60 20V 6A power supply with 2-pin phoenix connector for UHD60 Wallplate, with US power cable. (Only compatible with Wallplate Encoder)

