

ZyPerUHD60

Product Number: ZUHD60-1EA

Compressed 4K AV Over IP on 1Gb Networks

ZUHD60-1EA is an HDMI 2.0a, Dante-enabled AVoIP Encoder that is part of the ZyPerUHD60 product line. It supports IP streaming up to 4KP60 4:4:4 resolution with embedded audio, AES67 and HDCP 2.3 encryption. This AVoIP encoder has a 5-pin Phoenix/Euroblock connector for analog audio in/out and gigabit copper ethernet interface. Other features include USB, IR, RS-232 (via 3-pin Phoenix/Euroblock), and HDMI loopout. The ZUHD60-1EA 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 (Power supply sold separately).

ZyPerUHD60-1EA



What's in the box?

- ZyPerUHD60 Encoder, Single LAN with Dante, HDMI Loopout
- IR Emitter
- IR Receiver
- Wall Mount Brackets (2)
- Screws (4)
- Phoenix Connectors (5 pin audio, 3 pin 232)

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ZyPerUHD60 Encoder	Information	Connector
Video	HDMI 2.0a with HDCP pass-through	HDMI type A
Video Loopout	HDMI	HDMI type A
Audio (Analog)	Balanced Stereo (Input or Output)	5-pin Phoenix
IR	Input/Output ports	3.5mm mini jacks
Audio (AES67)	2-channel	HDMI type A
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 and Dante	1 Gb RJ45 port
Other Specifications	ZyPerUHD60 Decoders	
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	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	Description	
ZUHD60RACK	6RU Rack mount chassis. Holds up to 10 ZyPerUHD60 encoders/decoders. Includes 4 blank panels.	
ZUHD60BP	Spare blank panel for ZUHD60RACK	
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)	

ENTIRE PRODUCT LINE:

ZUHD60-1E ZUHD60-1D
ZUHD60-1EA ZUHD60-1DA

ZUHD60-2E ZUHD60-2D
ZUHD60-2EA ZUHD60-2DA

ZYPERUHD60 WALL PLATES:

ZUHD60-1WE