

Compressed 4K AV Over IP on 1Gb Networks

ZUHD60-1WE is an HDMI 2.0a, Switching, dual-input wallplate Encoder (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 audio and HDCP 2.3 encryption over 1G POE. Other features include USB and RS-232 (via 3-pin Phoenix/Euroblock). The ZUHD60-1WE requires a ZyPerUHD60 Decoder for operation. Ethernet, HDMI, USB, and audio/serial cables are not included. Power supply sold separately. (Only needed for charging over USB-C port)

ZyPerUHD60-1WE



What's in the box?

- ZyPerUHD60 Encoder, Wall Plate, 2 x 1 Switching
- Black Swappable Connector Covers (White pre-installed)
- White Outlet Cover and Black Outlet Cover
- Screws (4)
- Phoenix Connectors (5 pin audio, 3 pin RS-232)

ZyPerUHD60

Product Number: ZUHD60-1WE

ZyPerUHD60 Encoder	Information	Connector
Video	HDMI 2.0a and USB-C	HDMI type A and USB-C
Serial	Full Duplex up to 115.2 kbps	3-pin Phoenix
USB	USB 2.0	2x USB Type C
Ethernet (PoE)	1 Gb for Video/Audio/Control	1Gb RJ45 port
Other Specifications	ZyPerUHD60 Encoders	
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	
Country of Origin	Cat6a: 328 ft (100 m)	
Copy Protection/Security	HDCP 2.3, 802.1X compatible	
Power consumption	Approximately 7W	
Dimensions	Standard 2-Gang box (90mm Wide x 105.6mm High x 47mm Deep)	
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	

ENTIRE PRODUCT LINE:

ZUHD60-1E
ZUHD60-1EA

ZUHD60-1D
ZUHD60-1DA

ZUHD60-2E
ZUHD60-2EA

ZUHD60-2D
ZUHD60-2DA

ZYPERUHD60 WALL PLATES:

ZUHD60-1WE

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)