

## Compressed 4K AV Over IP on 1Gb Networks

ZUHD60-2DA is an HDMI 2.0a Dante-enabled AVoIP Decoder 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 decoder has dual 1G LAN ports and a 5-pin Phoenix/Euroblock connector for analog audio out. Other features include USB, IR, and RS-232 (via 3-pin Phoenix/Euroblock). The ZUHD60-2DA requires a ZyPerUHD60 AVoIP Encoder 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).

## ZyPerUHD60-2DA



USB Type-A



1G PoE  
Ethernet  
ports

HDMI  
Output

Balanced Audio  
Output  
(5-pin Phoenix)

Serial Port  
RS-232

IR Input and  
Output ports

## What's in the box?

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

# ZyPerUHD60

Product Number: ZUHD60-2DA

| ZyPerUHD60 Encoder       | Information  | Connector  |
|--------------------------|--|--|
| Video                    | HDMI 2.0a with HDCP pass-through   | HDMI type A  |
| Audio (Digital)          | HDMI type A  | HDMI type A  |
| Audio (Analog)           | Balanced Stereo (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                      | Dual USB 2.0   | USB Type A   |
| Ethernet (PoE)           | 1 Gb for Video/Audio/Control, 1 Gb for Dante   | 2x 1 Gb RJ45 port  |
| Other Specifications     | ZyPerUHD60 Decoders  |  |
| Formats                  | Supports all major VESA resolutions and variations including:<br>VGA: 640x480 (4:3)<br>SXGA: 1280x1024 (5:4)<br>1080p/i: 1920x1080 (16:9)<br>SVGA: 800x600 (4:3)<br>WXGA: 1366x768 (16:9)<br>QXGA: 2048x1536 (4:3) | XGA: 1024x768 (4:3)<br>SXGA+: 1440x1080 (4:3)<br>Ultra HD: 3840x2160 (16:9)<br>HDTV: 1280x720 (16:9)<br>UXGA: 1600x1200 (4:3)<br>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)<br>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  
ZUHD60-1EA

ZUHD60-1D  
ZUHD60-1DA

ZUHD60-2E  
ZUHD60-2EA

ZUHD60-2D  
ZUHD60-2DA

## ZYPERUHD60 WALL PLATES:

ZUHD60-1WE