ZyPerUHD60

Compressed 4K AV Over IP on 1Gb Networks

The ZyPerUHD60 platform allows for the easy distribution and switching of ultra high definition compressed video, audio, and other data signals using ZyPerUHD60 encoder and decoder units with off-the-shelf 1Gb Ethernet switches.

Send compressed video up to 4K, audio, and control over ethernet

ZyPerUHD60 delivers stunning pixel for pixel reproduction of compressed 1080p HD and full 4k@60 UHD resolution content directly over a standard 1Gb ethernet network. ZyPerUHD60 eliminates the need to have a separate AV network or equipment for video and other AV content.

Change sources and content instantly without programming ZyPerUHD60

IP based architecture enables you to quickly switch from one source to another with minimal loss of frames - even at 4K resolutions.

Create and manage video walls

ZyPerUHD60 can be used on multiple screens to create a video wall up to a 15x15 configuration. The unit automatically scales and adjusts HD source content to create a compelling wall without any extra hardware or software. You can even mix scaled images with stand-alone screens.

Features:

- Dual HDMI and Single USB-C Video Inputs (With HDMI loopout)
- JPEG 2000 compressed 4K video, audio, and control using off-the-shelf 1Gb Ethernet switches
- Support for both analog and digital audio
- 4K@60Hz, 4:4:4 support
- ZyPerMP (Management Platform) with software GUI allows simple set up and control of ZyPerUHD60
- Power over Ethernet support (PoE)
- Ultra low latency
- Supports HDR
- Video Wall support up to 15x15
- Video Rotation support (90, 180, 270)
- Source and display control (RS232, IR, USB)
- HDCP 2.3 compliant
- 802.1x support
- Dante AV-A option with dedicated LAN Port
- Wallplate Encoder option
- Both Dual and Single Ethernet port ZyPerUHD60 versions available

ZyPerUHD60

ZyPerUHD60 Encoder	Information	Connector
Video (2nd HDMI and USB-C not available on Single Ethernet version)	HDMI 2.0a with HDCP pass-through and USB-C.	2x HDMI type A and USB-C
Video Loopout	HDMI	HDMI type A (Not available on 0E units)
Audio (Analog)	Balanced Stereo (Input or Output)	5-pin Phoenix (3.5mm input on 0E units)
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)

ZyPerUHD60 Decoder	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 (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	Dual USB 2.0	2 USB type A
Ethernet (PoE)	1 Gb for Video/Audio/Control, 1 Gb for Dante	2x 1 Gb RJ45 port (One or two ports)

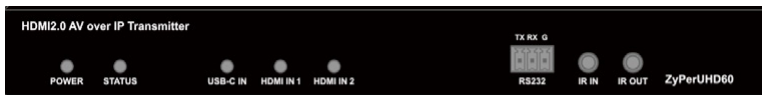| Other Specifications	ZyPerUHD60 Encoders/Decoders	
Formats	Supports all major VESA resolutions and variations including: • VGA: 640x480 (4:3) • SXGA: 1280x1024 (5:4) • 1080p/i: 1920x1080 (16:9) • SVGA: 800x600 (4:3) • WXGA: 1366x768 (16:9) • QXGA: 2048x1536 (4:3) • XGA: 1024x768 (4:3) • SXGA+: 1440x1080 (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
Signal transmission 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

ZyPerUHD Encoders
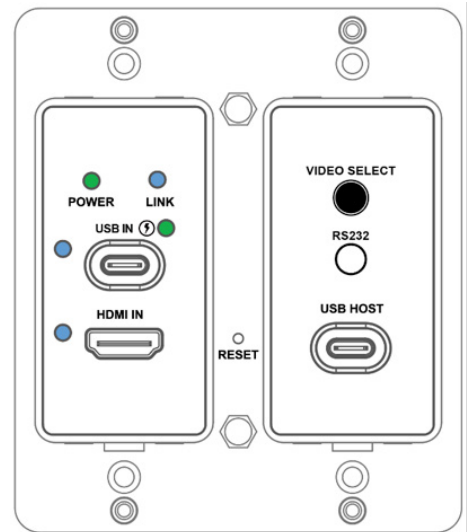
ZUHD60–2E
ZUHD60–1E

ZyPerUHD Decoders

ZUHD60–2D
ZUHD60–1D

Wall Plate encoder

ZUHD60–1WE

About ZeeVee

ZeeVee is a leading provider of AV distribution technology. The company has transformed the digital video industry with its award-winning encoders, decoders and software solutions for the pro AV and IT marketplace. Integrators and consultants rely on its innovative, cost-effective and easy to install AVoIP and RF distribution platforms for their corporate, higher education, government, healthcare, casino, sports betting, museum, hospitality, and retail clients. A founding member of the SDVoE Alliance, ZeeVee is the most experienced, deployed and advanced manufacturer of SDVoE products. The company holds a GSA schedule and its products are TAA-compliant. ZeeVee is headquartered near Boston with European HQ in Augsburg, Germany and SE Asian offices in Singapore.

For information visit **www.zeevee.com**