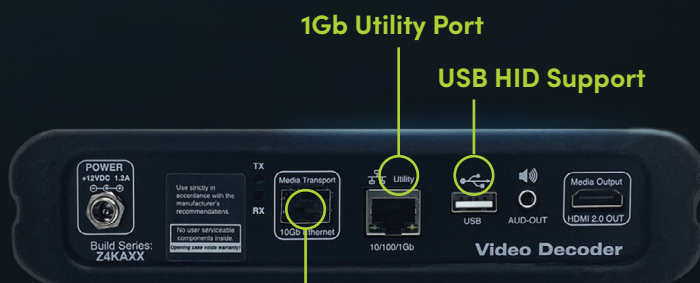
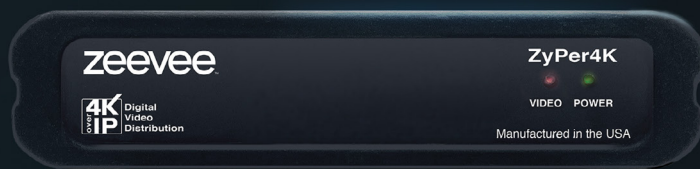


# ZyPer4K-XS

Uncompressed 4K Encoder/Decoder



Support for 10Gb PoE



## OVERVIEW

The new ZyPer4K-XS is ideal for any application environment found in corporate, education and government settings. This platform includes an all aluminum chassis, fanless thermal management and support for 10Gb PoE. In addition, the ZyPer4K-XS allows for the distribution and switching of high definition uncompressed video, audio and control, using ZyPer4K encoder and decoder units and off-the-shelf 10Gb Ethernet switches (both fiber and copper).



## UNCOMPRESSED 4K

ZyPer4K delivers perfect pixel for pixel reproduction of uncompressed 720p, 1080p HD, Ultra HD, and 4K resolution content directly over a standard 10Gb Ethernet network. ZyPer4K eliminates the need to have a separate AV network or proprietary matrix switcher for video and other AV content.

## CHANGE SOURCES AND CONTENT INSTANTLY WITHOUT PROGRAMMING

IP based architecture enables you to instantly switch from one source to another without any loss of frames - even at 4K resolutions.

# ZyPer4K FAMILY FEATURES

**zeevee**  
Intelligent AV Distribution

- ✓ UNCOMPRESSED ZERO LATENCY ULTRAHD (4K/60) VIDEO, AUDIO, AND CONTROL
- ✓ LOSSLESS TRANSPORT OF 7.1 AUDIO SIGNALS INCLUDING ALL ENCODED FORMATS AND UNCOMPRESSED LINEAR PCM
- ✓ HDMI 2.0 (FULL 4K 4:4:4 60HZ SUPPORT)
- ✓ HDCP 2.2 COMPLIANT
- ✓ 128-BIT AES ENCRYPTION
- ✓ SUPPORTS HDR10 AND HDR10+
- ✓ ZMP (ZYPER MANAGEMENT PLATFORM) WITH SOFTWARE
- ✓ GUI ALLOWS SIMPLE SET UP AND CONTROL OF ZYPER4K
- ✓ VIDEO WALL AND MULTIVIEW SUPPORT



# ZyPer4K FAMILY FEATURES

ZyPer4K-XS Encoder		Information
Video		HDMI 2.0 with HDCP pass-through
Audio (Digital)		Encoded audio formats and linear PCM up to 8 channels
Audio (Analog)		Balanced Stereo (Input or Output)
USB		Single USB 2.0 (USB Mini-B connector)
Ethernet		10 Gb for Video/Audio/Control with 1 Gb Utility

ZyPer4K-XS Decoder		Information
Video		HDMI 2.0 with HDCP pass-through
Audio (Digital)		Encoded audio formats and linear PCM up to 8 channels
Audio (Analog)		Balanced Stereo (Output)
USB		Single USB 2.0 (USB - A connector)

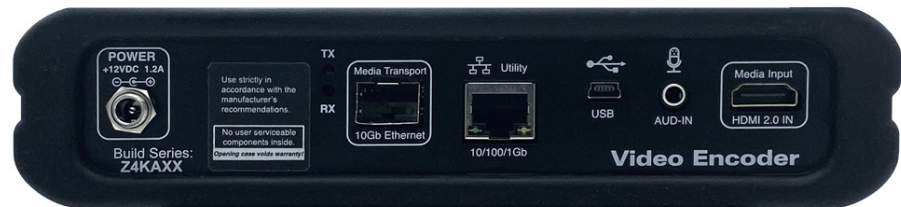
ZyPer4K-XS Decoder		Information
Formats		Supports all major VESA resolutions and variations including full HDMI 2.0 support: <ul style="list-style-type: none"><li>• VGA: 640x480 (4:3) • SXGA: 1280x1024 (5:4) • 1080p/i: 1920x1080 (16:9)</li><li>• SVGA: 800x600 (4:3) • WXGA: 1366x768 (16:9) • QXGA: 2048x1536 (4:3)</li><li>• XGA: 1024x768 (4:3) • SXGA+: 1440x1080 (4:3) • Ultra HD: 3840x2160 (16:9)</li><li>• HDTV: 1280x720 (16:9) • UXGA: 1600x1200 (4:3) • 4K: 4096x2160 (17:9)</li></ul> Custom resolutions are supported at pixel clock rates up to 600 MHz
Video Other		Color depth: 24 bit, 30 bit, 36 bit, 48 bit
Video Wall and Multiview		Video Wall up to 15x15. Multiview with up to 19 sources.
Signal transmission distance		Cat6a: 100m   multimode fiber optic line: 300m   single mode fiber optic line: 10km
Copy Protection/Security		HDCP 2.2, AES-128 Encryption, 802.1X compatible
Power input (locking connector)		12V DC
Power		Approximately 8.2 watts
Dimensions (L x W x H) / Weight		7.87 in (200mm) x 4.61 in (117mm) x 1.85 in (47mm), 30.0 oz (850 g)
Temperature		Operating temperature: 32 °F to 104 °F <0 °C to +40 °C> Storage temperature: -4 °F to +176 °F <-20 °C to +80 °C>
Humidity		Operating/ Storage: 20% to 90% (Non-Condensing)



# ZyPer4K FAMILY FEATURES

## Z4KENCFXS-NA

FIBER ENCODER



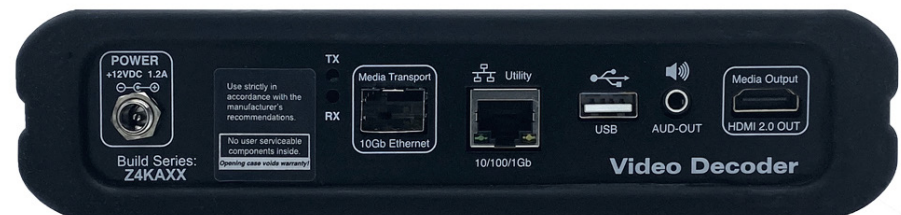
## Z4KENCCXS-NA

COPPER ENCODER



## Z4KDECFXS-NA

FIBER DECODER



## Z4KDECCXS-NA

COPPER DECODER



## About ZeeVee

ZeeVee, Inc., headquartered in Littleton, Mass., and founded in 2007, is a leading global developer of digital technology and products for distributing audio-video content from any source or multiple sources to any number of displays. Manufactured in the U.S. and used primarily in commercial and corporate applications, ZeeVee products are employed worldwide by major organizations in education, government, hospitality, retail, sports, entertainment, broadcasting, healthcare, housing, energy and other industries. For more information visit [www.zeevee.com](http://www.zeevee.com)