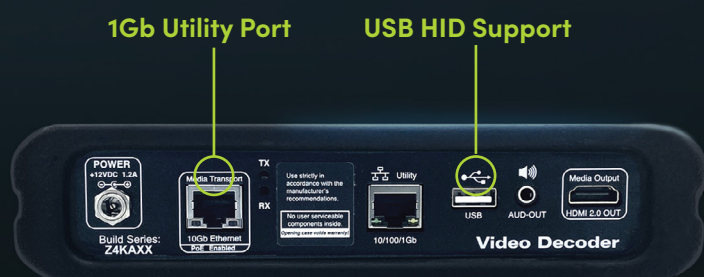
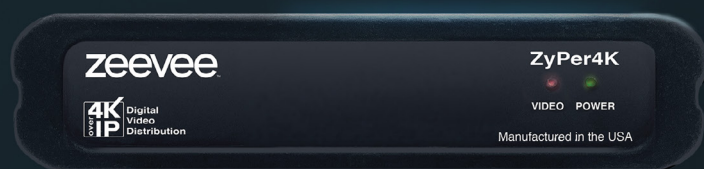


# ZyPer4K-XS

Uncompressed 4K Encoder/Decoder



## OVERVIEW

The ZyPer4K-XS is ideal for nearly any application environment, such as rental and staging, performance arts, yachts, and military or civilian applications. 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

ZeeVee Management Platform Aluminum chassis with rubberized rim Fan-less thermal management Support for 10Gb PoE+1Gb Utility Port USB HID Support 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

- ✓ 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+ AND DOLBY VISION®
- ✓ ZMP (ZYPER MANAGEMENT PLATFORM) WITH SOFTWARE
- ✓ GUI ALLOWS SIMPLE SET UP AND CONTROL OF ZYPER4K
- ✓ VIDEO WALL AND MULTIVIEW SUPPORT



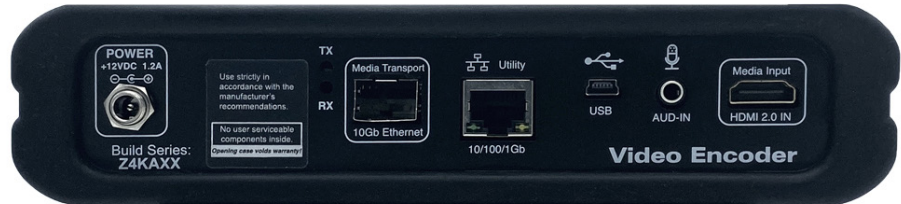
# ZyPer4K FAMILY FEATURES

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)	Unbalanced Stereo (Input or Output)	
USB	Single USB 2.0 (USB Mini-B connector)	
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)	Unbalanced Stereo (Output)	
USB	Single USB 2.0 (USB - A connector)	
Ethernet	10 Gb for Video/Audio/Control with 1 Gb Utility	
ZyPer4K-XS	ZyPer4K-XS	
Formats	<p>Supports all major VESA resolutions and variations including full HDMI 2.0 support:</p> <ul style="list-style-type: none"> <li>• VGA: 640x480 (4:3)</li> <li>• SXGA: 1280x1024 (5:4)</li> <li>• 1080p/i: 1920x1080 (16:9)</li> <li>• SVGA: 800x600 (4:3)</li> <li>• WXGA: 1366x768 (16:9)</li> <li>• QXGA: 2048x1536 (4:3)</li> <li>• XGA: 1024x768 (4:3)</li> <li>• SXGA+: 1440x1080 (4:3)</li> <li>• Ultra HD: 3840x2160 (16:9)</li> <li>• HDTV: 1280x720 (16:9)</li> <li>• UXGA: 1600x1200 (4:3)</li> <li>• 4K: 4096x2160 (17:9)</li> </ul> <p>Custom resolutions are supported at pixel clock rates up to 600 MHz</p>	
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 15 watts	
Dimensions (L x W x H) / Weight	8.7 in(220mm) x 7.8 in(199mm) x 2.8 in(71mm), 74.0 oz(2100 g)	
Temperature	<p>Operating temperature: 32 F to 104 F &lt;0 C to +40 C&gt;</p> <p>Storage temperature: -4 F to +176 F &lt;-20 C to +80 C&gt;</p>	
Humidity	Operating/ Storage: 20% to 90% (Non-Condensing)	



## Z4KENC3FXS

FIBER ENCODER



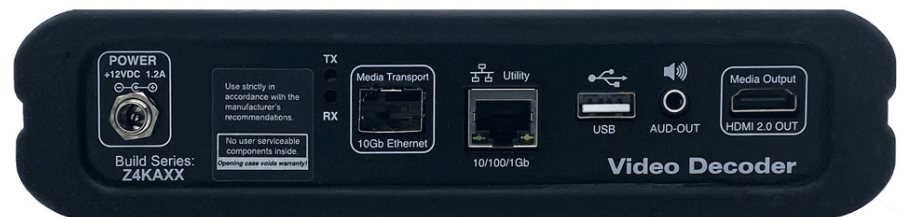
## Z4KENCC3XS

COPPER ENCODER



## Z4KDECF3XS

FIBER DECODER



## Z4KDECC3XS

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)