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).

**OVERVIEW**

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.

**UNCOMPRESSED 4K**

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video</td>
<td>HDMI 2.0 with HDCP pass-through</td>
</tr>
<tr>
<td>Audio (Digital)</td>
<td>Encoded audio formats and linear PCM up to 8 channels</td>
</tr>
<tr>
<td>Audio (Analog)</td>
<td>Balanced Stereo (Input or Output)</td>
</tr>
<tr>
<td>USB</td>
<td>Single USB 2.0 (USB Mini-B connector)</td>
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</tbody>
</table>

## ZyPer4K-XS Decoder Information

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<td>Single USB 2.0 (USB - A connector)</td>
</tr>
<tr>
<td>Ethernet</td>
<td>10 Gb for Video/Audio/Control with 1 Gb Utility</td>
</tr>
</tbody>
</table>

## ZyPer4K-XS ZyPer4K-XS

| Formats | Supports all major VESA resolutions and variations including full HDMI 2.0 support:  
- 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 (17:9)  
- 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 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 | Operating temperature: 32 °F to 104 °F, -20 °C to +40 °C  
- Storage temperature: -4 °F to +176 °F, -20 °C to +80 °C  
- Humidity | Operating/Storage: 20% to 90% (Non-Condensing) |
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

ZeeVee products are TAA Compliant. ZeeVee holds GSA Contract # 47QTC19D00JZ.