

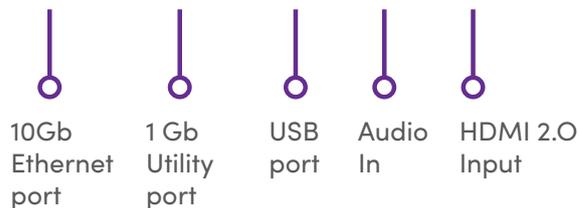
# ZyPer4K-XS

Product Number: Z4KENC3XS

## Uncompressed 4K Encoder

Z4KENC3XS is an HDMI 2.0 and analog audio Encoder that is part of the ZyPer4k product line. It supports IP streaming over 10Gbit/fiber up to 4KP60 4:4:4 resolution with embedded audio and HDCP 2.3 encryption at zero-frame latency. USB is supported with ZyPer4K-XS/XR devices. The Z4KENC3XS requires a ZyPer4k Decoder for operation. The power supply is included but other cables are not.

### Z4KENC3XS



## What's in the box?

- ZyPer4K-XS Encoder Fiber
- Power Supply

# ZyPer4K-XS

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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 (Output)												
USB	Single Mini USB 2.0 Type B port												
Ethernet	10 Gb for Video/Audio/Control with 1 Gb Utility												
Other Specifications	ZyPer4K-XS Encoder Fiber												
Formats	<p>Supports all major VESA resolutions and variations including full HDMI 2.0 support:</p> <table border="0"> <tr> <td>VGA: 640x480 (4:3)</td> <td>XGA: 1024x768 (4:3)</td> </tr> <tr> <td>SXGA: 1280x1024 (5:4)</td> <td>SXGA+: 1440x1080 (4:3)</td> </tr> <tr> <td>1080p/i: 1920x1080 (16:9)</td> <td>Ultra HD: 3840x2160 (16:9)</td> </tr> <tr> <td>SVGA: 800x600 (4:3)</td> <td>HDTV: 1280x720 (16:9)</td> </tr> <tr> <td>WXGA: 1366x768 (16:9)</td> <td>UXGA: 1600x1200 (4:3)</td> </tr> <tr> <td>QXGA: 2048x1536 (4:3)</td> <td>4K: 4096x2160 (17:9)</td> </tr> </table> <p>Custom resolutions are supported at pixel clock rates up to 600 MHz</p>	VGA: 640x480 (4:3)	XGA: 1024x768 (4:3)	SXGA: 1280x1024 (5:4)	SXGA+: 1440x1080 (4:3)	1080p/i: 1920x1080 (16:9)	Ultra HD: 3840x2160 (16:9)	SVGA: 800x600 (4:3)	HDTV: 1280x720 (16:9)	WXGA: 1366x768 (16:9)	UXGA: 1600x1200 (4:3)	QXGA: 2048x1536 (4:3)	4K: 4096x2160 (17:9)
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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	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 watts												
Dimensions (L x W x H) / Weight	7.8 in (199mm) x 4.6 in (116mm) x 1.9 in (47mm), 30.0 oz (850g)												
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)												
Accessories	Description												
Z4KSFP10G85-3M	ZyPer4K, Fiber Optic Transceiver, SFP+ 10Gbps 850nm MMF 300m												
Z4KSFP10G31-10K	ZyPer4K, Fiber Optic Transceiver, SFP+ 10Gbps 1310nm SMF 10km												
Z4KPWRCTR12	ZyPer 12V Power Center for use with up to 8 ZyPer Encoder/Decoders (all models). 1 RU. Includes rack ears, 8 3-foot locking 12V DC power cables, AC power cord.												
Z4KRACKXS	ZyPer4K-XS Rack Mount Kit. Holds up to 8 ZyPer4K-XS Encoders/Decoders in standard 6RU space. Includes rack assembly and 8 carrier units.												
Z4KXSBP	ZyPer4K-XS Rack Mount Filler Plate Standard is used to cover unused slots in a ZyPer4K-XS Rack Mount Kit.												
Z4KVESABRK	ZyPer4K VESA Bracket is a custom wall/desk/display mount bracket for ZyPer4K. Supports standard VESA parameters for mounting directly to rear of a display. 100x100, 100x200 and 200x200 VESA hole mounts are supported.												

## ENTIRE PRODUCT LINE:

Z4KDECC3XS  
Z4KDECF3XS  
Z4KENCC3XS  
Z4KENC3XS

Z4KC2XS-E  
Z4KC2XS-EAU  
Z4KF2XS-E  
Z4KF2XS-EAU

Z4KC2XS-D  
Z4KC2XS-DAU  
Z4KF2XS-D  
Z4KF2XS-DAU

## ZYPER4K-XS WALL PLATES:

Z4KDECC3XS-WPEU-I  
Z4KDECC3XS-WPEU  
Z4KENCC3XS-WPUS-I  
Z4KENCC3XS-WPUS