

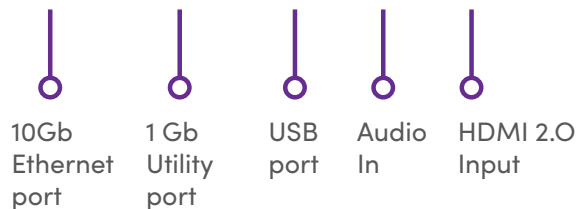
ZyPer4K-XS

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 USB 2.0 (USB - A connector)
Ethernet	10 Gb for Video/Audio/Control with 1 Gb Utility
Other Specifications	ZyPer4K-XS Encoder Fiber
Formats	Supports all major VESA resolutions and variations including full HDMI 2.0 support: 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) 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	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

Z4KCXS-E
Z4KCXS-EAU
Z4KFXS-E
Z4KFXS-EAU

Z4KCXS-D
Z4KCXS-DAU
Z4KFXS-D
Z4KFXS-DAU

ZYPER4K-XS WALL PLATES:

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