

Uncompressed 4K Encoder with Dante and Icron USB

Z4KF2XS-EAU is an HDMI 2.0 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 Dante audio support and HDCP 2.3 encryption at zero-frame latency. Configurable Icron USB allows support between any USB enabled ZyPer4K device. Video compatible with any ZyPer4K Decoder. AC power supply is included but other cables are not.

Z4KF2XS-EAU



Audio In/Out
port



10Gb
Ethernet
port

1 Gb
Utility
port

HDMI
Output

HDMI
Input

USB-C
ports

What's in the box?

- ZyPer4K-XSE Encoder Fiber
- Power Supply

ZyPer4K-XSE

Product Number: Z4KF2XS-EAU



ZyPer4K-XSE Encoder	Information												
Video Input	HDMI 2.0 with HDCP pass-through and USB-C with DP Alt Mode 1.3 Support												
Video Output	HDMI 2.0 (loop-out of active video input)												
USB-C Charging Input	Input USB-C power to support charging on USB-C Input port to 60W												
Audio (Digital)	Encoded audio formats and linear PCM up to 8 channels												
Audio (Analog)	Balanced Stereo (Input/Output)												
USB	USB 2.0 (USB-C connector) Note: Full USB 2.0 Support via Icron chipset												
Ethernet	10 Gb for Video/Audio/Control with 1 Gb Utility												
Other Specifications	ZyPer4K-XSE Encoder												
Formats	<p>Supports all major VESA resolutions and variations including full HDMI 2.0 support:</p> <table> <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: 300m, Single Mode Fiber: 10km												
Copy Protection/Security	HDCP 2.3, AES-128 Encryption, 802.1X compatible												
Power input (locking connector)	12V DC												
Power	Approximately 13 watts												
Dimensions (L x W x H) / Weight	7.8 in (199mm) x 5.4 in (136mm) x 1.9 in (48mm), 35.2 oz (1000g)												
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												
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.												
Z4KRACKXSE	ZyPer4K-XSE Rack Mount Kit. Holds up to 8 ZyPer4K-XSE Encoders/Decoders in standard 6RU space. Includes rack assembly and 8 carrier units												
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	Z4KC2XS-E	Z4KC2XS-D
Z4KDECF3XS	Z4KC2XS-EAU	Z4KC2XS-DAU
Z4KENCC3XS	Z4KF2XS-E	Z4KF2XS-D
Z4KENCF3XS	Z4KF2XS-EAU	Z4KF2XS-DAU

ZYPER4K-XS WALL PLATES:

Z4KENCC3XS-WPUS-I

REGULATORY: IEC 62368-1 / IEC 60945 (Clauses 9 & 10) / IEC 61000 / EN55032 / EN55035: / FCC Part 15B / CE / CB