

## ZyPer4K-XR Encoder Multi-Mode Fiber Rugged Enclosure

Z4KENCFSXR is an HDMI 2.0 Encoder that is part of the ZyPer4k product line. It supports IP streaming over 10Gbit/850nm Multi-Mode fiber up to 4KP60 4:4:4 resolution with embedded audio and HDCP 2.3 encryption at zero-frame latency. USB supported between ZyPer4K-XS/XR devices. Video compatible with any ZyPer4K Decoder. AC power port, 1GB utility port, and M10 Truss Clamp mounting hole. The enclosure and Switchcraft and Neutrik connectors are rugged.

### Z4KENCFSXR



- 10Gb PoE Ethernet port
- 1 Gb Utility port
- Audio In
- USB port
- HDMI 2.0 Input

## What's in the box?

- ZyPer4K-XR Encoder Multi-Mode Fiber Rugged Enclosure

# ZyPer4K-XR

Product Number: Z4KENCFSXR

ZyPer4K-XR Encoder	Information	Connector
Video	HDMI 2.0 with HDCP pass-through	Switchcraft EHDMI2 "HDMI 2.0 type A"
Audio (Digital)	Multi-channel linear PCM up to 8 channels (7:1)	Switchcraft EHDMI2 "HDMI 2.0 type A"
Audio (Analog)	Unbalanced Stereo (Output)	Switchcraft D3F-XLR "3-pin XLR"
USB	Single USB 2.0	Switchcraft EHUSBABX "USB Type A"
Ethernet	10 Gb for Video/Audio/Control with 1 Gb Utility	Neutrik NO2- 4FDW-1-A "fiber" connector 1 Gb Neutrik NE8FDX-P6 "RJ45" port
Mounting	Mounting hole for standard truss clamps	M10 hole on one side of unit
Other Specifications	ZyPer4K-XR 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	Multi-mode fiber optic line: 300m	
Copy Protection/Security	HDCP 2.2, AES-128 Encryption, 802.1X compatible	
Power input (locking connector)	120/220V AC Power	
Power	Approximately 9 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 <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)	
Warranty	3 years	

## ENTIRE PRODUCT LINE:

Z4KDECC3XR

Z4KDECLXR

Z4KENCFSXR

Z4KDECCXR

Z4KENCC3XR

Z4KENCFLXR