Z4KC2XS-E

ZyPer4K–XSE Copper Encoder

| Ethernet - RJ-45 | 4K/30 UHD | 4K/60 UHD (4:2:0) | 4K/60 UHD (4:4:4)



Z4KC2XS−E is an HDMI 2.0 Encoder that is part of the ZyPer4k product line. It supports IP streaming over 10Gbit/copper POE 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 supply is included but other cables are not

FEATURES

- Uncompressed 4K
- Multiview
- Video Wall
- HDMI 2.0
- HDCP 2.3
- AES Encryption

TECHNICAL SPECIFICATIONS

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: HID Support Only
Ethernet	10 Gb for Video/Audio/Control with 1 Gb Utility
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
Copy Protection/Security	HDCP 2.3, AES−128 Encryption, 802.1X compatible
Power input (locking connector)	12V DC
Power	Approximately 13 watts
Temperature	Operating temperature: 32 F to 104 F Storage temperature: −4 F to +176 F
Humidity	Operating/ Storage: 20% to 90% (Non−Condensing)
Accessories	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
Product Dimensions	19.50cm x 13.70cm x 4.82cm (7.68" x 5.39" x 1.90") W, D, H

Product Weight	1.0kg (2.2lbs) approx
Shipping Dimensions	36.60cm x 174.00cm x 8.70cm (14.41" x 68.50" x 3.43") W, D, H
Shipping Weight	1.8kg (3.9lbs) approx



CONFIGURATIONS

Z4KC2XS-E	Not available
Z4KC2XS-E-AA	TAA Compliant