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Z4KC2XS-E

ZyPer4K-XSE Copper Encoder



ZyPer4K-XSE Encoder, with IP streaming via 10Gbit/copper. PoE. Supports HDMI 2.0 and USB-C Video Inputs, HDMI Loop-out and balanced analog audio in/out (via 5-pin phoenix). USB HID support via USB-C port. Includes power supply. USB-C charging up to 60W supported via optional external power into second USB-C port. Audio/Video compatible with any ZyPer4K Decoder. Cables not included

FEATURES

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



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TECHNICAL SPECIFICATIONS

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|---------------------------------|---|
| 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) | Audio (Analog) Balanced Stereo (Input/Output) |
| USB | USB 2.0 (USB - C connector) |
| 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 8 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 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