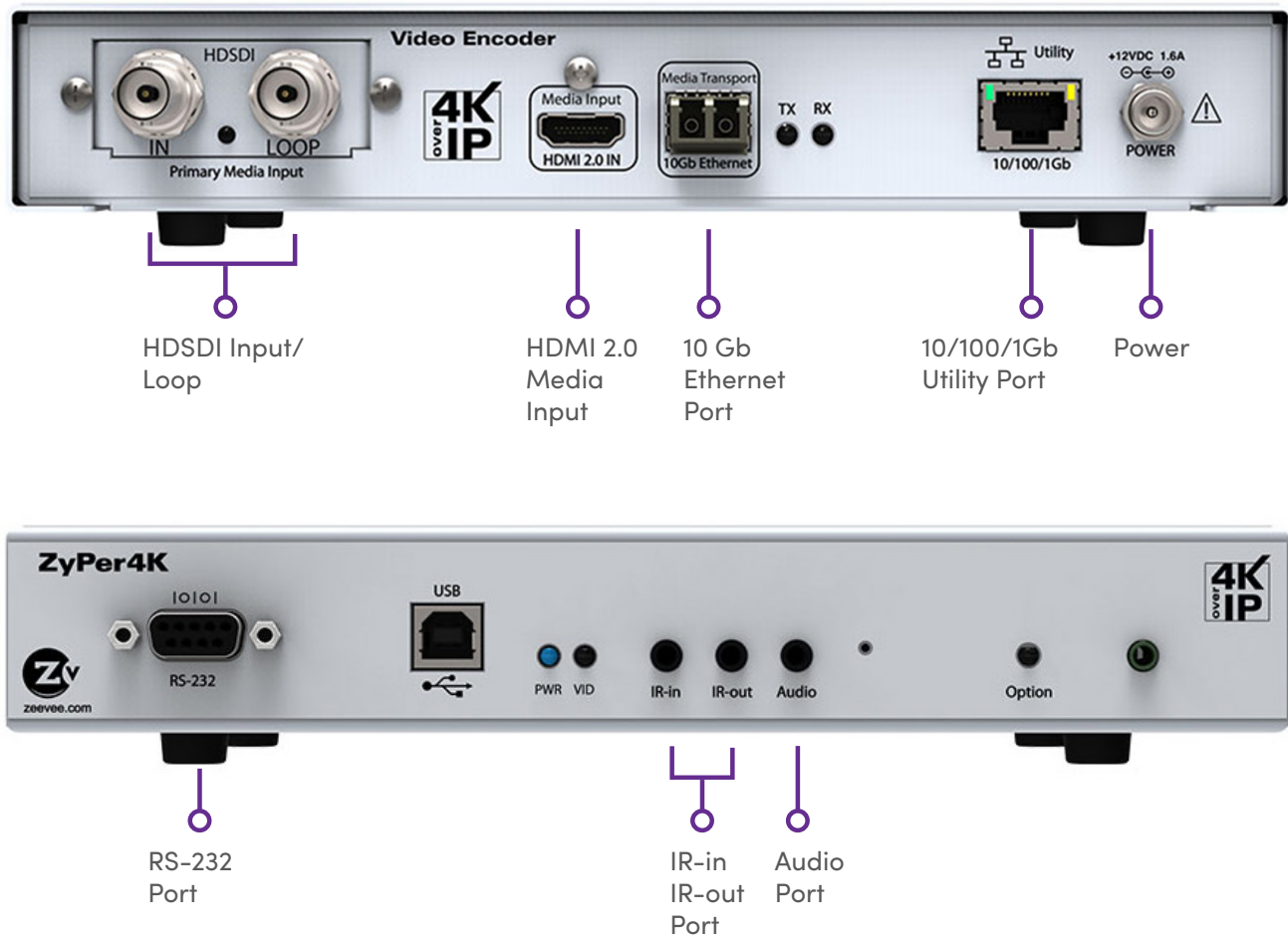


ZyPer4K Extended HDMI 2.0 & 12G SDI Fiber Encoder with USB

Z4K12GSDIENCF3U is an HDMI 2.0 and 12G SDI Extended AVoIP 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. This AVoIP Encoder supports analog audio in/out as well as USB, IR, and rs232. The Z4K12GSDIENCF3U requires a ZyPer4K AVoIP Decoder for operation. The power supply is included but other cables are not.

Z4K12GSDIENCF3U



What's in the box?

- ZyPer4K Extended HDMI 2.0 & 12G SDI Fiber Encoder with USB
- Power Supply

ZyPer4K Encoder	Information	Connector
Video	HDMI 2.0 with HDCP pass-through (Optional: 12G-SDI, DP, Analog)	HDMI 2.0 type A, with optional 12G-SDI, Display Port 1.3 or Analog
Audio (Digital)	Encoded audio formats and LPCM up to 8 channels	HDMI 2.0 type A, with optional 12G-SDI, Display Port 1.3 or Analog
Audio (Analog)	Unbalanced 2-Channel Stereo (In or Out)	3.5mm stereo mini jack
IR	Input/Output ports	3.5mm mini jacks
RS-232	Full Duplex up to 115.2 kbps	9-pin D-sub
USB Type B	Single USB 2.0	USB Type B
Ethernet	10 Gb for Video/Audio/Control with 1 Gb Utility	10 Gb RJ45 or SFP+ port 1 Gb RJ45 port
Other Specifications	ZyPer4K Encoder	
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)	
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 multimode fiber optic line: 300m	
Copy Protection/Security	HDCP 2.2, AES-128 Encryption, 802.1X compatible	
Power input (locking connector)	120/240 VAC (Neutrik NAC3MPX connector)	
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:

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|-----------------|---------------|-----------|
| Z4K12GSDIENCC3U | Z4KHDMIENCC3U | Z4KDECC3U |
| Z4K12GSDIENCC3 | Z4KHDMIENCF3U | Z4KDECC3 |
| Z4K12GSDIENCF3U | Z4KHDMIENCF3 | Z4KENCC3U |
| Z4K12GSDIENCF3 | Z4KDPDECC3U | Z4KDECF3U |
| Z4KANLENCC3U | Z4KDPDECC3 | Z4KDECF3 |
| Z4KANLENCF3 | Z4KDPDECF3U | Z4KENCF3U |
| Z4KDPENCC3 | Z4KDPDECF3 | |

RACK MOUNT PLATES AND BRACKETS:

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|------------|-------------|
| Z4KCCBRK | Z4KCMNTBRKT |
| Z4KCEtFP | Z4KRACKC2 |
| Z4KVESABRK | |