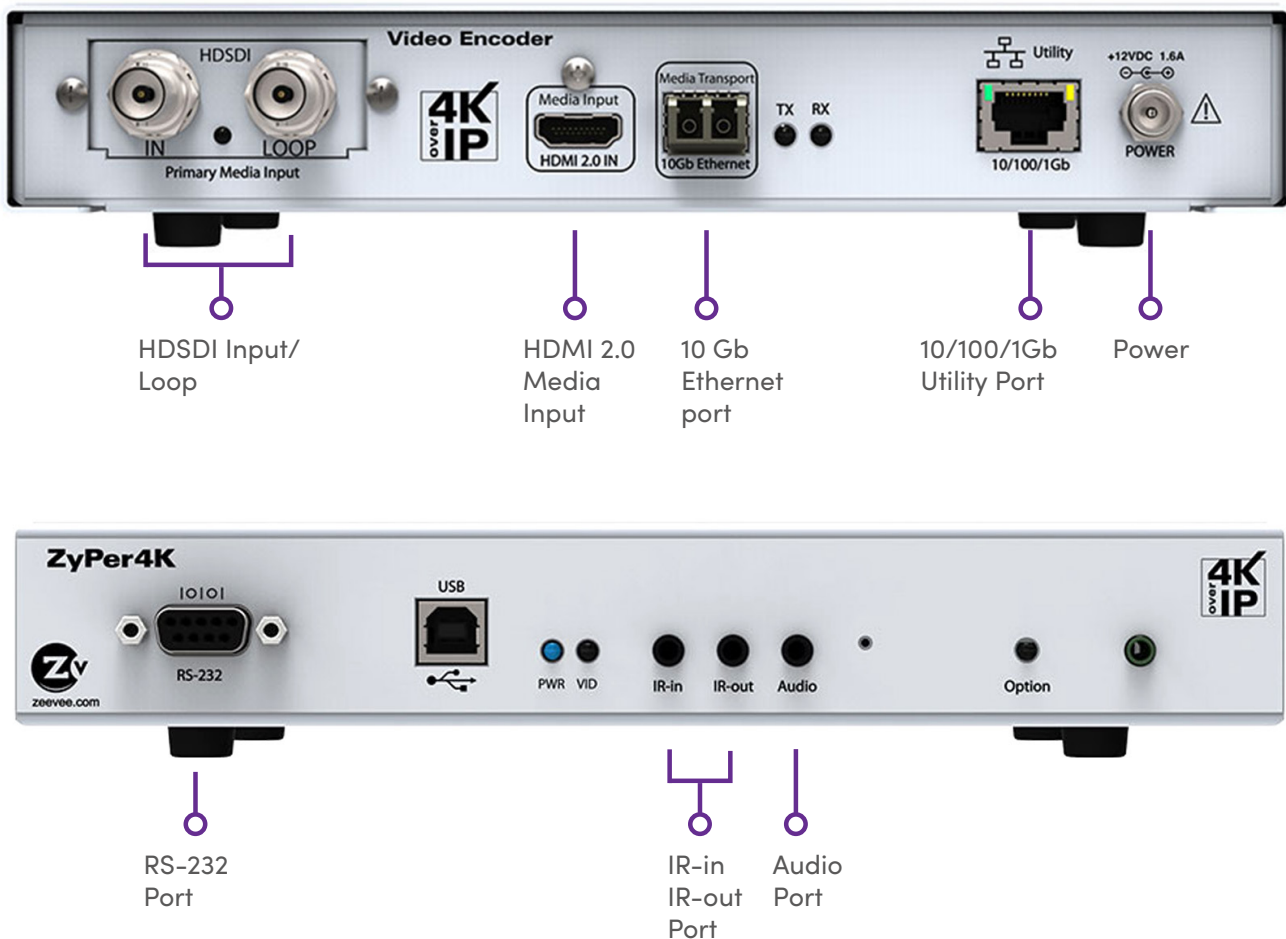


## ZyPer4K Extended HDMI 2.0 & 12G SDI Copper Encoder

Z4K12GSDIENCC3U 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/copper up to 4K60 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 Z4K12GSDIENCC3U requires a ZyPer4K AVoIP Decoder for operation. The power supply is included but other cables are not.

### Z4K12GSDIENCC3U



## What's in the box?

- ZyPer4K Extended HDMI 2.0 & 12G SDI Copper Encoder
- 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:

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:

Z4KCCBRK	Z4KVESABRK
Z4KCExtFP	Z4KCMNTBRKT