



Z4KENC3

ZyPer4k HDMI 2.0 Fiber Encoder

Z4KENC3 is an HDMI 2.0 AVoIP Encoder that is part of the ZyPer4K product line. It supports IP streaming over 10Gbit/fiber up to 4K60 4:4:4 resolution with embedded audio and HDCP 2.2 encryption at zero-frame latency. This AVoIP Encoder supports analog audio in/out as well as IR, and rs232. Z4KENC3 requires a ZyPer4K AVoIP Decoder for operation. The power supply is included but other cables are not

FEATURES

Uncompressed 4K
Multiview
Video Wall
HDMI 2.0
HDCP 2.2
AES Encryption



TECHNICAL SPECIFICATIONS

Video	HDMI 2.0 with HDCP pass-through HDMI 2.0 type A
Audio (Digital)	Encoded audio formats and LPCM up to 8 channels HDMI 2.0 type A
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
Ethernet	10 Gb for Video/Audio/Control with 1 Gb Utility 10 Gb SFP+ port and 1 Gb RJ45 port
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)
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	Multimode fiber optic line: 300m Single Mode fiber optic: 10km
Copy Protection/Security	HDCP 2.2, AES-128 Encryption
Power input (locking connector)	12V, 2A
Power	Approximately 15 watts
Dimensions (L x W x H) / Weight	5.7 in (144mm) x 2.5 in (175mm) x 1.7 in (43mm). Weight: 31 oz (880 g)
Temperature	Operating temperature: 32°F to 104°F Storage temperature: -4°F to +176°F
Humidity	Operating/ Storage: 20% to 90% (Non-Condensing)
BALANCED LINE LEVEL INPUT	Warranty 3 years