

WolfPack 4K 30 HDMI to H.264 & H.265 POE Standalone Encoder with Tally Light, HDCP 2.2, WIFI and Zero Latency

Our HDMI encoder is a new generation of 4K ultra HD, compact live encoder and a large, prominent Tally light. It's robust, compact and lightweight, for the live streaming industry

A professional product for the application. It is a cost-effective, easy-to-use, user-friendly code with a tripod interface. The encoder supports USB Type-C chargers, WIFI, hot spots and a range of innovative features. It is a standalone live streaming device that does not require a computer. It offers a flexible and economical solution for system integrators, streaming professionals, and OEM partners to stream high-quality video over the network.

This device comes with an HDMI zero-latency HDR video direct loop-out, while it can independently stream to multiple CDNS simultaneously without a computer, with no frame loss, good image quality, and no impact on the computer gaming experience.

Supports HDCP 1.4/2.2, high bitrate, ultra-low latency even better than USB capture cards.

The encoder&decoder is compact and can be easily mounted on any DSLR camera or display mount via a 1/4-20 inch spherical bighead or any standard tripod. Live streaming anytime, anywhere. It can convert any existing signal source, such as a DSLR camera or PTZ camera, into a real-time, low-latency, high-quality IP video workflow that supports NDI. Prepare for recording in the future. The device can be locally recorded and stored while live streaming via a TF card, hard drive, USB flash drive, or NAS.

The front micro blue screen shows the current Settings and working status in real time. The browser-based user interface allows you to set up and control the device using a computer, smartphone, or tablet via WIFI, hot-spot, or local area network.

It supports 100-meter PoE power supply and can also be powered by a USB Type-C charger or any regular DC power adapter with a voltage between 5V and 20V for DC to Type-C. The device also has a DC output function that can provide up to 12W (12V/1A) DC power to power external devices such as PTZ cameras and displays. In addition, its USB port can provide up to 5W (5V/1A) of power.

The all-in-one device is an encoder and be widely used in the IP-based video world.



- ◇ Live video pass through, with zero latency and HDR, best for gaming streaming, no need to worry about CPU load on your computer/console.
- ◇ The encoder/decoder /NDI® comes in a small box, making it a versatile device
- ◇ Standalone live streaming equipment, no need for a computer.
Hardware video encoders and decoders up to 4K30
- ◇ Up to 4K60 and 1080p120Hz loop through
- ◇ H.264 HP/MP/BP or H.265/HEVC MP encoding
- ◇ 4K HDMI input and HDMI ring out/output, supporting HDMI embedded audio
- ◇ Supports HDCP 1.4/2.2
- ◇ Auto-input detection Auto-resolution and format switching
- ◇ Up to 50mbps bit rate, high bandwidth, for better video quality
- ◇ Adaptive AAC audio for embedded audio and analog audio
- ◇ Analog audio input and headphone output
- ◇ Video recording and photo functionality in mp4/mov/ts format
- ◇ Live video transfer to your computer, mobile phone and iPad
- ◇ Simple setup and configuration via the login protected network interface
- ◇ Full control via PC, smartphone, or iPad
- ◇ Support https for secure network transmission across networks
- ◇ Supports native vertical screen streaming and switching between landscape and vertical screen streaming
- ◇ RTSP, SRT, RTMP(s) decoding up to 4K30
- ◇ WYSIWYG OSD, text, Logo and seal image overlay, flexible and convenient
- ◇ Use IP VISCA to control existing traditional PTZ cameras
- ◇ In multi-camera shooting, the Tally light indicates PVW/PGM
- ◇ The front end shows rich and clear work or important operational status at a glance
- ◇ With standard camera tripod mounting
- ◇ Supports live streaming platforms such as Billie, Huya, Weizan, Kuaishou, etc
- ◇ Live streaming to multiple CDN platforms simultaneously with different RTMP SRT RTSP
- ◇ Easy access via mDNS or hotspot, plug and play
- ◇ Convenient and fast USB-C or PoE power supply
- ◇ PoE with DC output to power other devices such as SLR, PTZ, etc.
- ◇ Supports OEM/ODM

SPECIFICATION

Power:

Input: USB TYPE C up to 25W
Dc adapter up to 20V 1A, 25W
PoE+(802.3at), CAT5e and above
Power consumption: Up to approximately 10W (DC output excluded)
Output: Up to 12V 1A DC with current limit

Video:

Video encoders: H.264 HP/MP/BP, H.265 MP
Codec resolution *: 4K2160 P25/30, 1080 P25/30/50/60
1080I 50/60, 720P 50/60(for video input and output) loopout passthrough *: up to 4K60,1080p120Hz,HDR10 and Dolby
HDCP: 1.4/2.2/2.3
Frame rate (1080/720p) : 24/25/30 FPS, 50/60 FPS
Codec format: H.264/H.265
Rate control: CBR/VBR
Real-time preview: Web preview interface, HDMI loopthrough and output
* Resolutions above 4K30 will automatically shrink for streaming

Network:

Local area network: 100/1000 MBPS gigabit
WIFI: 802.11a/b/g/n/ac, dual-band
Bluetooth: V5.0
Web pages: http, https

Live:

Live input: RTSP/RTMP(S)/SRT
Decoding: RTMP(S)/SRT/RTP/UDP/RTSP
*SRT only for call mode
Bit rate: Up to 50mbits/s, adjustable
Video: mp4, mov, ts
Rotation: 0/90/180/270° native vertical live
Main stream: Up to 4K30
Secondary streams: up to 720P

Audio:

Sampling: 32, 44.1, 48KHz
Encoding mode: AAC, MP3, 16-bit
Bit rate: 32-192 KBPS
Channels: Dual channels, AGC
Input: 0.7VRMS, 20Kohm

Output: 16 ohm, 30mW
Source: HDMI embedded, line input

Input/Output

HDMI input: 1.4b/2.0b, RGB/YCbCr 444/422/420
HDMI ring output: 2.0, up 4K60
HDMI output: 1.4b, up to 4K30

Configuration:

Display: Dot matrix, COG
Setup: Mobile phone, Pad, PC, RESTFUL
OSD: Text, logo, subtitles, timestamp - What you see is what you see

PTZ:

Interface: RS232/485/422 via USB dongle*
Protocol: Pelco D/P, VISCA

Tally lights:

Tally: Automatic/manual

Software:

Firmware: Upgradable, Linux OS

Interfaces:

HDMI input: 1 x TYPE A, socket, 1.4b
HDMI ring output: 1 x A type, socket (Mux), 1.4b
HDMI output: 1 x A type, socket (Mux), 2.0
Audio input: 1 x 3.5mm TRS jack
Audio output: 1 x 3.5mm TRS jack
Network: RJ45, Gigabit, PoE
USB: 1 x USB, TYPE A
Display: 1 RGB LED panel

Storage:

Interface	1 x Micro SD/TF, USB:
Network	NAS
Disk partition format	: FAT32 up to 2T, exFAT

* None of the storage media included

Physical environment:

Size
Weight
Working temperature
Storage temperature
tripod

: 123 x 68 x 22mm: 166g
black aluminium:
0°C - 45°C
-20°C to
60°C: 1/4 to 20 inches

Certification:

CE, FCC

Accessories:

USB TYPE C PD charger
USB TYPE C cable 1/4
"cold boot
A Quick Start Guide
*USB RS232/RS485/RS422 adapter



* Ultra-thin USB hub
* Accessories available, sold separately
* All specifications are subject to change without notice.
* Accessories may vary depending on product options.
* The actual item may differ from what is shown in the catalogue.