



U40 4K NDI® Encoder

Turn Any Camera into NDI® Camera

Φ: 90mm, H:30mm

4K P60 input, HDMI/USB/IP to NDI®, PoE+DC external power supply, PTZ, Tally, cold shoe on camera..., the small and exquisite U40 4K NDI encoder is equipped with all the functions you want. With only one network cable, video sources from HDMI cameras, web cameras, USB cameras and others can easily go into the NDI world and enjoy the advantages of IP-based transmission featuring ultra-high image quality and ultra-low latency.

Features

Comprehensive NDI® performance, this gear gets it even extensive

Get NDI® in the box: Kiloview U40 NDI® Codec converts HDMI to NDI® with up to 4Kp60 resolution; Enjoy 3840 × 2160 dominant 4k resolution in the consumer media and display industries. In addition, it converts USB video to NDI® (Limited resolutions and models only) with 3.5mm analog audio embedded in NDI®;

Compatible with NDI®|HX: U40 also convert IP streams such as SRT/RTMP/RTSP/UDP/HLS to NDI®|HX (Available when software is upgraded.)

Why Round in Shape? Encoders supposed to be exquisite.

U40 encoder integrates many functions including network switching, NDI® encoding, heat dissipation, POE and POE power supply – this makes it the most complex encoder in Kiloview and the industry. While with attempt to make it multi-functional, small and beautiful, our ID decided to make it a round shape.

We offer two methods for fixing hot shoe. Either install on the camera upright with the hot shoe screw that comes with the package, or you can get a hot shoe accessory, install on the bottom of the encoder, and then equip it on the camera.



Dual Gigabit Ethernet ports. Two networks and power supply enabled.

Dual Gigabit Ethernet ports can be applied to two different networks simultaneously, like SRT/RTMP input via WAN which can be output to NDI®|HX via LAN. Or you use one in WAN and another for LAN;

One of the network ports features PoE power supply function. In addition to powering the device itself, it can also output



Tally and PTZ Control. Just fits Production

- Worried about the workflow in a studio? With U40 codec we have a batch of bright and distinct Tally lights for PVW/PGM indication – all is to make perfect cooperation for your team.
- Conference camera friendly. U40 supports PTZ control thus it receives the PTZ signal sent by the NDI® production system or NDI® decoder, and then control the PTZ camera through the serial port (232/485, etc.) or network. Support Sony Visca/PELCO-D/PELCO-P and other control protocols.



Aluminum Alloy and Fan; Just for Heat Dissipation

With aluminum alloy as material, it has better thermal conductivity compared to plastic or others.

Besides, we optimized a working scheme that is good for heat dissipation.

The product is designed with heat dissipation holes on the top so as to have hot air discharged upward better. We also stick an aluminum alloy heat sink on the chip with a multi-edge and multi-slot structure to increase the heat dissipation area for a rapid heat dissipation;



A built-in fan is the last guard. Longer diameter of the fan (35*35*6mm) ensures more air volume (4.3 cfm) and lower noise (18.3 DB) compared to a shorter diameter one - The real cool encoder in the house!

Tiny, Exquisite, Quiet, and Cool

- Exquisite look in round, with size 90mm*30mm;
- Easy installation of cold shoe on cameras;
- Built-in mute cooling fan, quiet and cool.



Parameters

Model	U40
Interface	HDMI 2.0
Video resolution	4K60, compatible with HD
Ethernet port	2*1000M Ethernet port
USB interface	1*USB2.0
Analog audio interface	1*3.5mm analog audio

NDI® performance	Support HDMI to Full NDI® Support 3.5mm analog audio embedded in NDI® Support USB to Full NDI® (Limited resolutions and models only) Support other IP streams to NDI® HX
Tally light	Built-in
PTZ control	Support Sony Visca/Visca(Laia)/Visca(Kato)/PELCO-D/PELCO-P
PoE	Support
DC output	DC 12V
Size	Φ : 90mm, H:30mm
Weight	310g
Power/power consumption	DC 12V1A

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