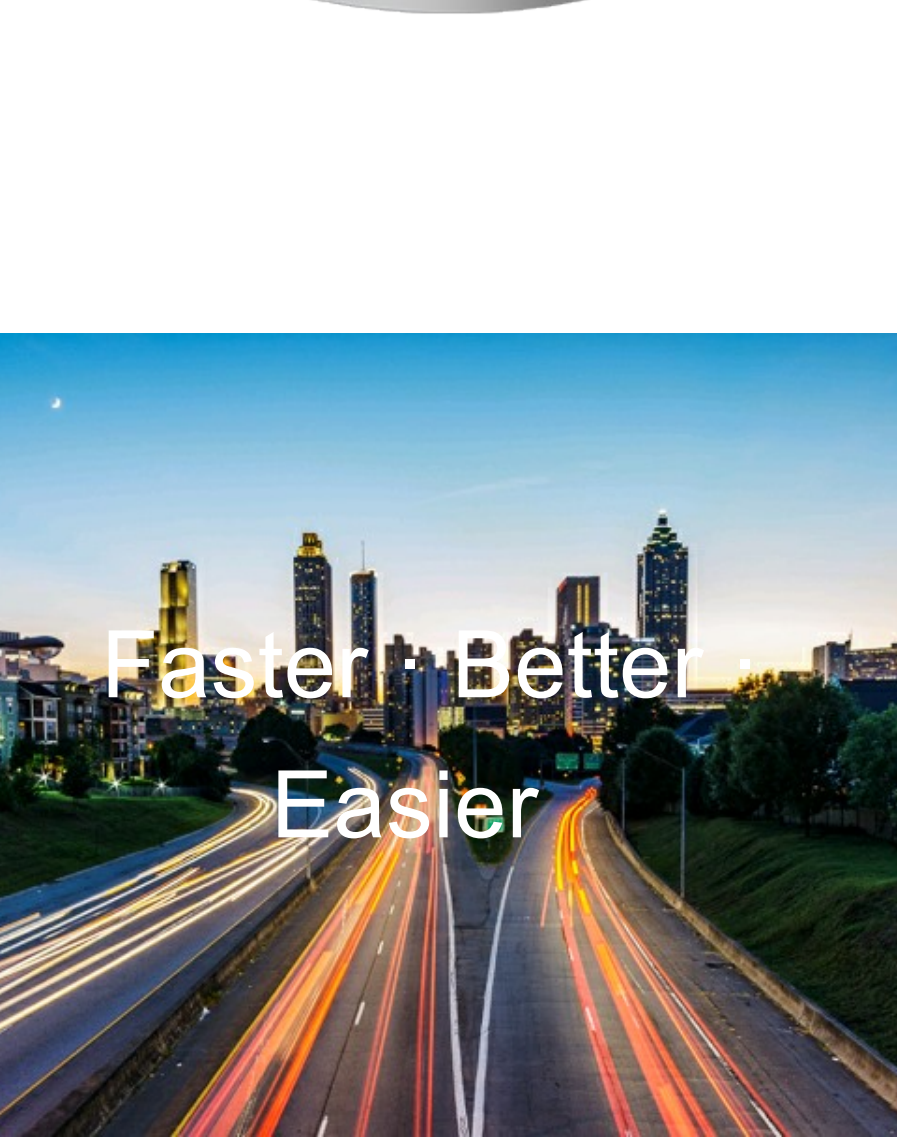


# Turn Any Camera into an NDI Camera

## 4K P60 HDMI to NDI Encoder

[Click Here](#)



## Kiloview U40 HDMI to NDI 4K Encoder

Kiloview U40 4K P60 HDMI to NDI encoder is a gear that gets any camera into an NDI® camera.

It easily converts 4K P60 HDMI to NDI® high bandwidth. At the same time, it converts various IP streams such as RTSP, SRT, RTMP, and HLS into NDI®/H.264, SRT, RTMP, RTSP, TS-UDP etc. With such functions like PoE + DC Out, PTZ, Tally, cold shoe mounting on camera, the Kiloview U40 is the smallest and while most powerful NDI encoder. With only one cable, video sources from any cameras can easily go into the NDI® world and enjoy the advantages of IP-based transmission featuring ultra-high image quality and ultra-low latency.



The NDI protocol is a high-performance standard that enables anyone to use real-time, ultra-low-latency video on existing IP video networks.

Easily designate Kiloview NDI encoders as the video input source in popular desktop video applications like Google Hangouts, GoToMeeting, Skype, Skype for Business, WebEx, Zoom, Teams and more using the free NDI® webcam input tool.


## Both Full NDI and NDI|HX, More Than NDI

Kiloview U40 converts your 4K HDMI video to Full NDI. With two ethernet ports, it also converts IP streams such as RTSP / RTMP / SRT / TS-UDP / HLS to NDI|HX / SRT / RTSP / RTMP / TS-UDP etc, which makes your camera more powerful and versatile.



## Super PoE with DC Out

Super PoE with DC Out. It powers the U40 itself, at the same time powers other devices such as monitors, recorders, or cameras. One cable rules everything.



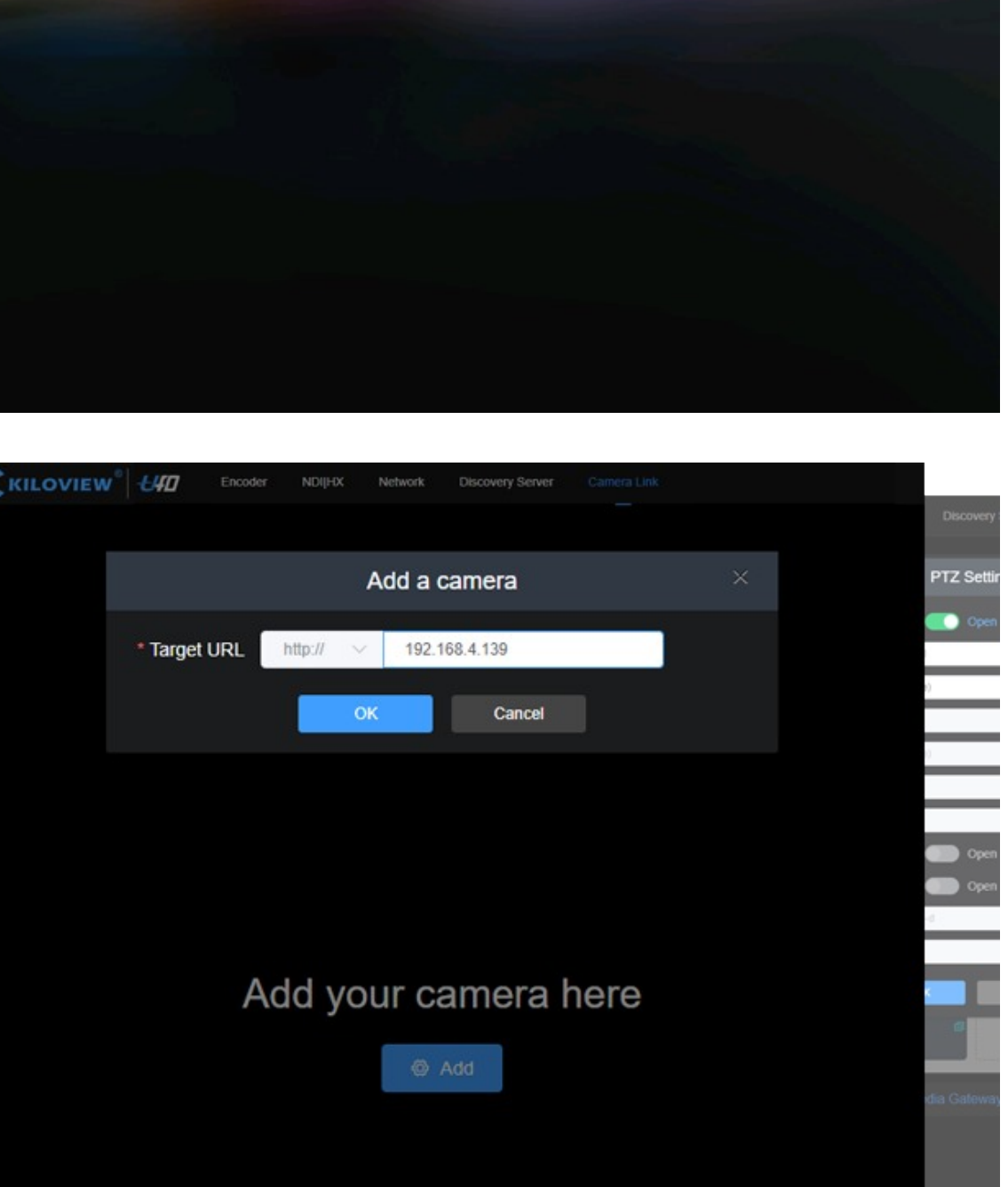
## PTZ Control

With Kiloview U40, it supports PTZ control over USB to serial RS232/485/422. It also supports PTZ control over IP, no extra cable required



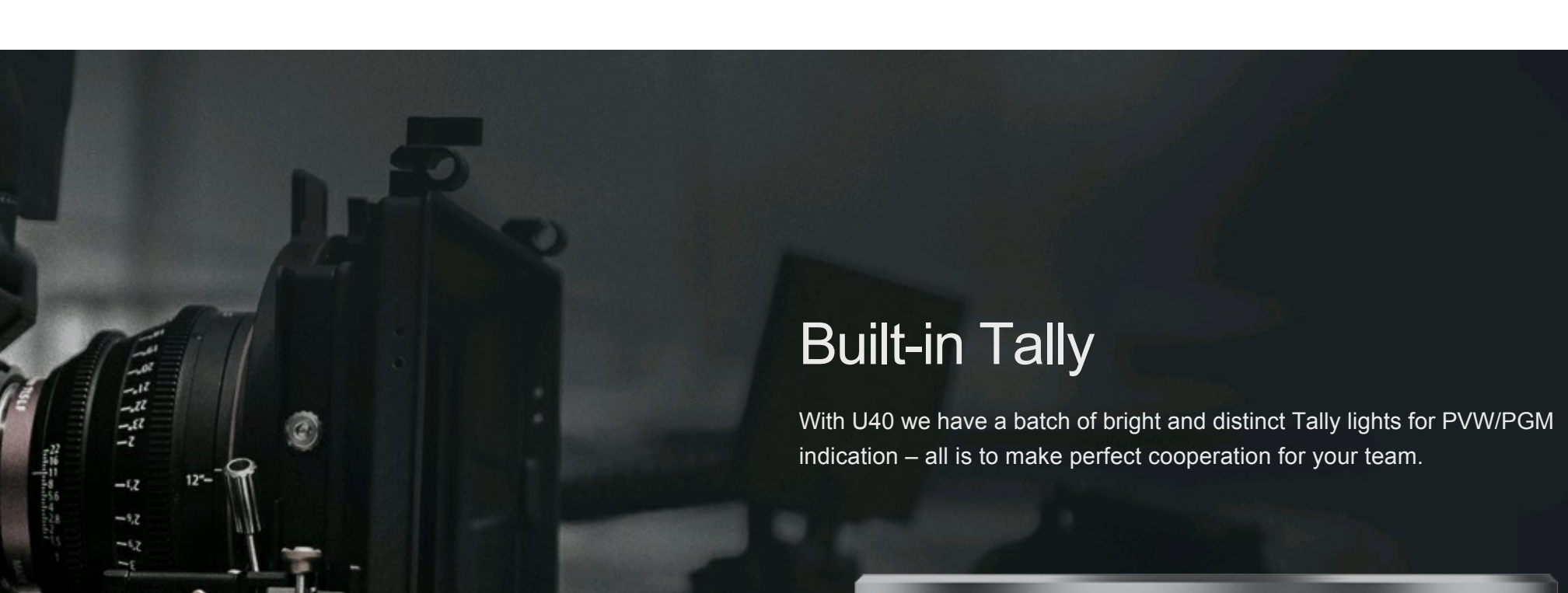
## Camera Link

In Kiloview U40 web UI, you can manage your web-based camera using the function of camera link. U40 and your camera, a perfect match.



## Built-in Tally

With U40 we have a batch of bright and distinct Tally lights for PVW/PGM indication – all is to make perfect cooperation for your team.



## USB for Unlimited Expansion

It supports USB camera input and convert the video to NDI. Also the USB supports functions such as USB to RS232/485/422, USB recording etc.



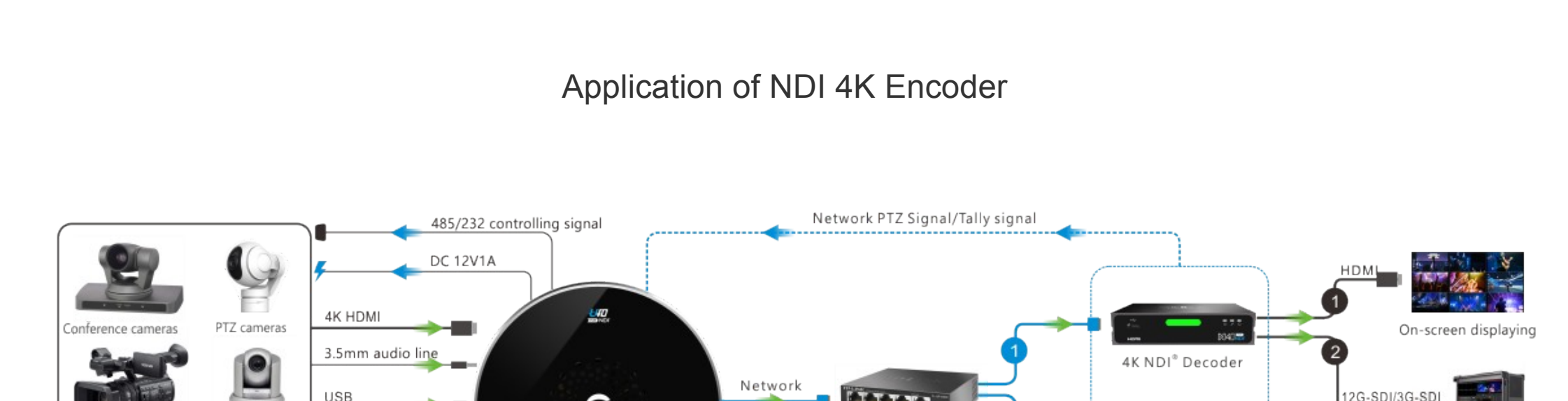
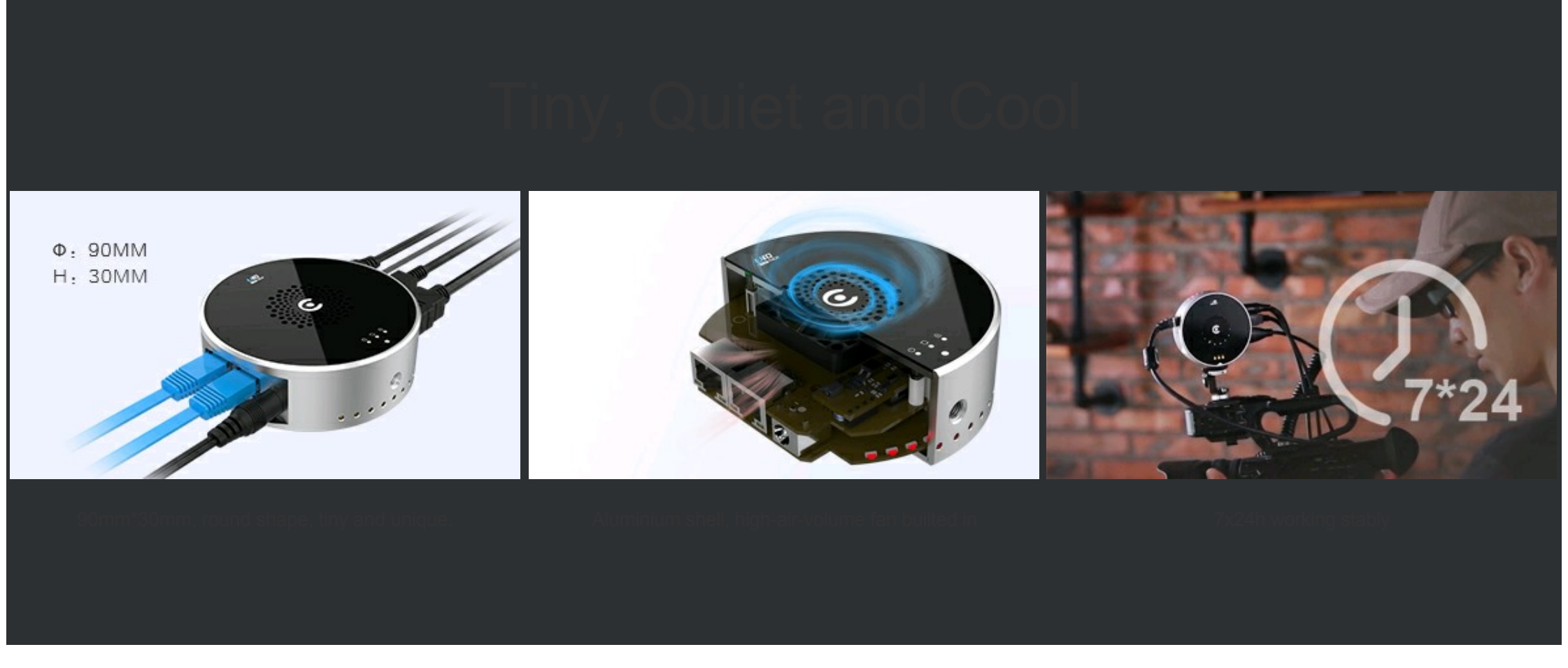
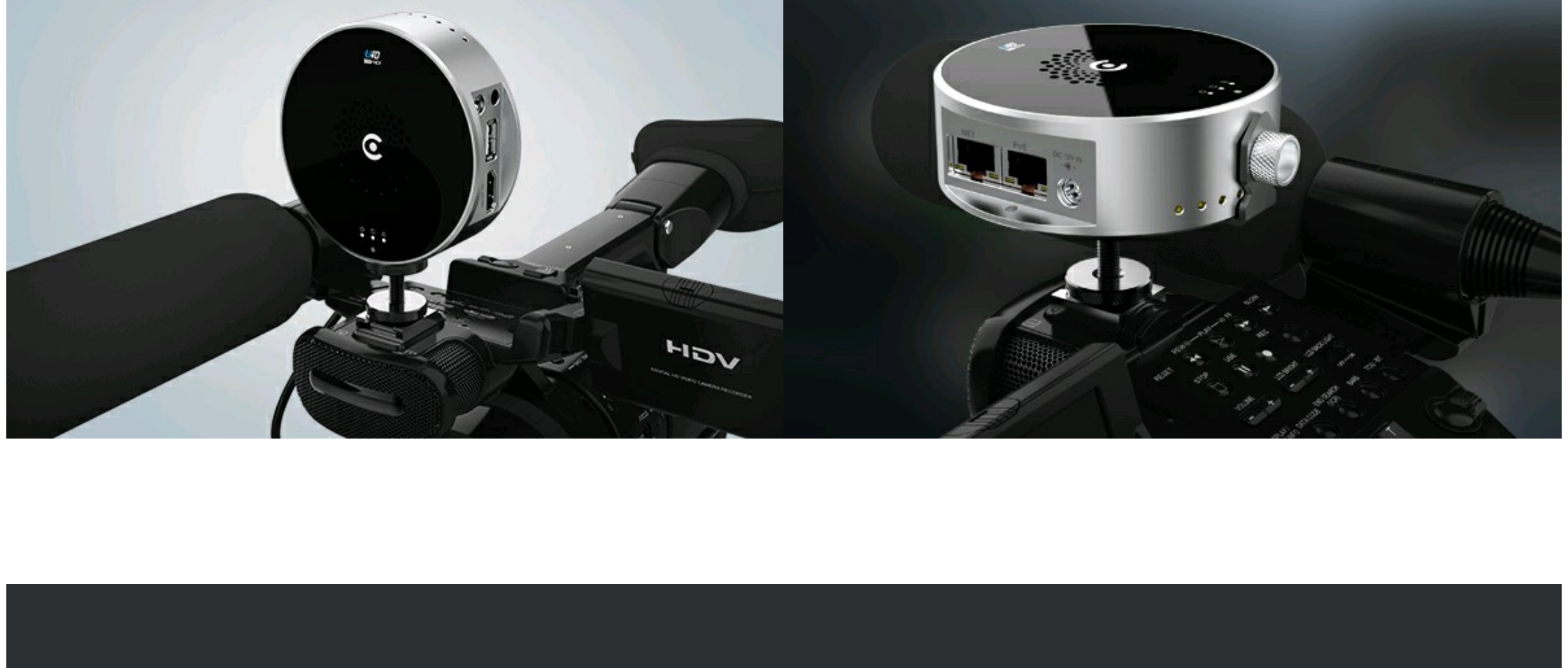
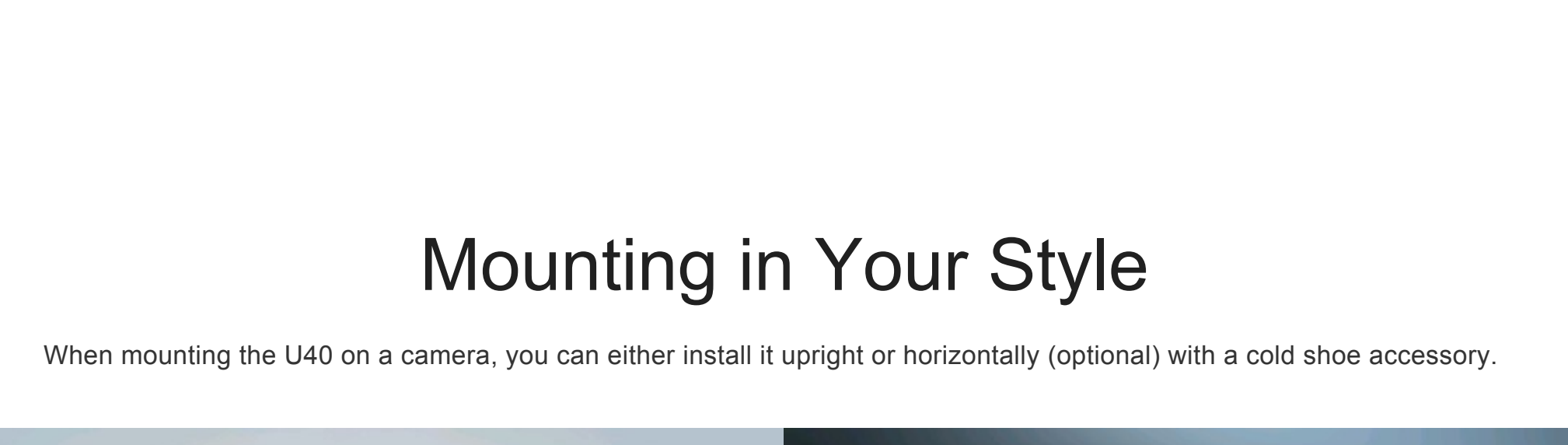
## Audio and Intercom

Kiloview U40 supports 3.5mm analog audio line-in or embedded audio into NDI®. It also supports voice intercom based on Kiloview Intercom software.



## Mounting in Your Style

When mounting the U40 on a camera, you can either install it upright or horizontally (optional) with a cold shoe accessory.



## Application of NDI 4K Encoder

Diagram showing the application of the NDI 4K Encoder. It connects various cameras (Conference, PTZ, PC/M, USB) to the U40 encoder. The encoder outputs 4K HDMI, 3.5mm audio, and USB. It also supports converting IP streams (SRT, RTMP, RTSP, TS-UDP, HLS) to NDI|HX. The encoder is connected to a Network Switch, which outputs NDI|HX/PoE to a Network PTZ Signal/Tally signal. The encoder also has a DC 12V1A output and a 4K NDI® Decoder output. The decoder outputs HDMI to an On-screen displaying and 12G-SDI/3G-SDI to an SDI production system.

## FULL NDI Bandwidth Requirement

Resolution	4KP60	4KP30	1080P60	720P60
Default Bitrate	250Mbps	200Mbps	125Mbps	90Mbps

## 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® (Coming soon) 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
Size	Φ: 90mm, H: 30mm; Φ3.54", H1.18"
Power/power consumption	DC 12V1A
Weight	310g (10.9oz)
Downloads	<a href="#">Docs</a> & <a href="#">Firmware</a>

## Related Products

 <b>U40 4K NDI Encoder</b> 4KP60 HDMI to Full NDI Encoder <a href="#">Go</a>	 <b>N40 NDI Converter</b> 4KP60 HDMI to Full NDI Codec <a href="#">Go</a>	 <b>N30 NDI Converter</b> 12G-SDI to FULL NDI Codec <a href="#">Go</a>	 <b>N3 NDI Converter</b> 3G-SDI to FULL NDI Codec <a href="#">Go</a>
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