

Where to

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KILOVIEW®

About⁄

English

Search here...

coding delay ≤ 67ms Adjustable bitrate 64kbps~40Mbps (Note: the actual delay condition is also related to your Internet status) It's a recorder and an interphone! Recording prepares for future. Kiloview E series provides simultaneous recording while you are doing live streaming to many media destinations. And redundant recording is realized with Micro SD/TF/USB/NAS with recording files in the format of .ts, .mp4, .mov,.mkv, avi. It also supports SDI/HDMI embedded and 3.5mm analog audio coding, so you can use KILOVIEW voice intercom software to realize real-time voice intercom. >Learn more NDI All IP Video Protocols Onvif Supported RTMP SRT

Encoding & Streaming to Multiple Platforms

You can set dual stream output (main stream and sub stream) in the built-in web console. Each stream can be used to up to 8 platforms with the same or different protocols, altogether it can simultaneously live stream to up to 16 platforms. Main stream resolution up to 1080p60Hz, substream resolution up to 720p 60Hz.

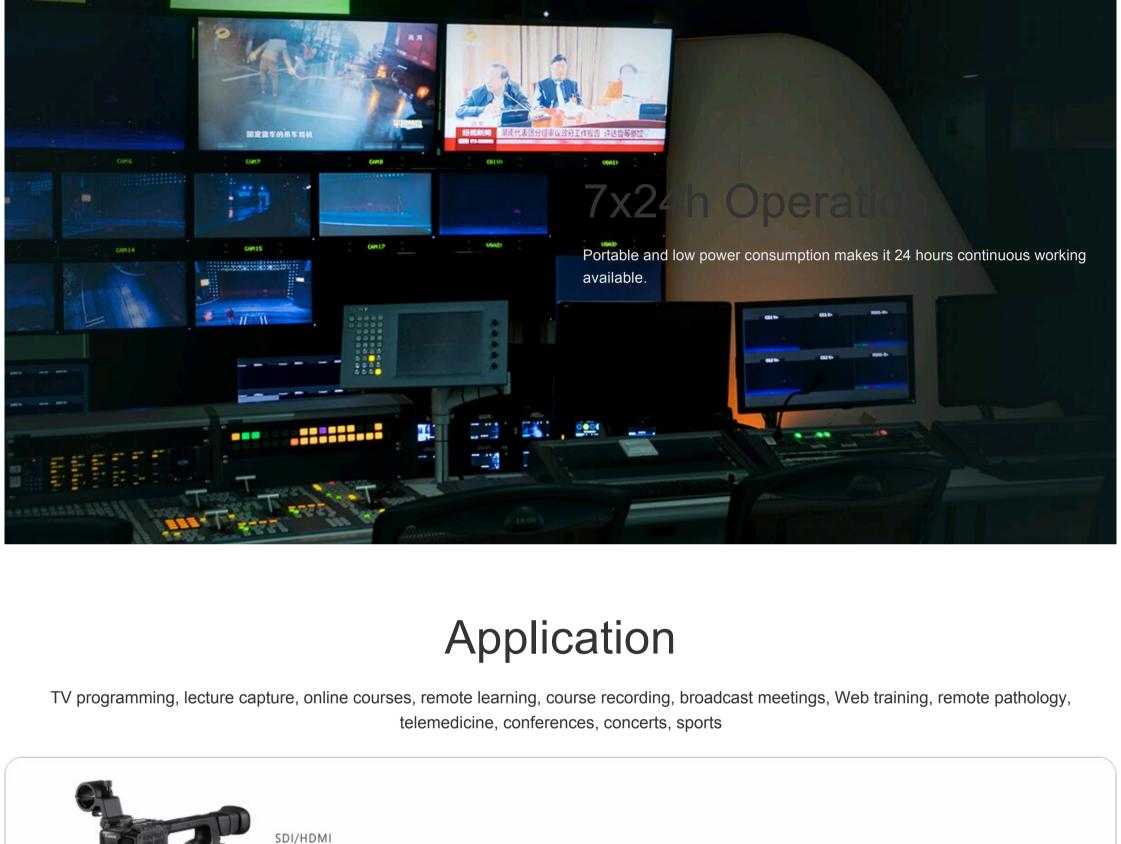
E series supports full range of protocols including RTSP/ RTMP/ RTMPS/ SRT/ HLS/ TS-UDP/ Onvif, that means live stream with RTMP/RTMPS, while

remote production with SRT, all can be handled at the same time. It also

System

supports ONVIF 1.1/2.0 for easy Access To Security Protection System / NVR

Let's go Social With FPGA processing unit, it can easily realize the functions of rotating and cropping for vertical/horizontal video which makes it social media friendly. LOGO/ Image/ Text Overlay Add any self-defined text, time and image overlay at any position to announce your copyrights and have fun!



Network cable

Real-time Loop

Web-Based Interface

(YouTube, Facebook, etc.)

Push to live platform

USB-extended PTZ

7 * 24h Operation

N3 NDI Converter 3G-SDI to FULL NDI Codec

N6 NDI Converter

1080p60 HDMI to NDI Codec

E2-HDMI

KILOVIEW

E Series Wire Video Encoder

3.5mm Analog Audio Input

High-end Chip

E1(SDI)/E2(HDMI)

2*USB 2.0 Type-A

Wired/Satellite

Up to 1080P60Hz:

H.264/AVC, Motion-JPEG

AAC/G.711

<67ms

Support

APP/ Web

DC 12V 1A/4W

-20°C~60°C

380g (13.4oz)

Q: What does an SDI/HDMI video encoder do, and why do we need it?

Docs & Firmware

2*3.5mm

E1: 1*BNC 3G-SDI; E2: 1*HDMI

1*Micro SD/TF card storage interface

SDI: 1080P23.98/24/25/29.97/30Hz;1080P50/59.94/60Hz;

SRT/RTMP/RTP/RTMPS/HLS/TS over UDP/RTSP

A: You can not send your video directly from the camera to the Internet because the raw video data is huge and can easily reach the Internet data limit.

Micro SD/TF card local recording, and NAS network storage

HDMI: 1080P23.98/24/25/29.97/30Hz;1080P50/59.94/60Hz; 1080i50/59.94/60Hz;720P30/50/59.94/60Hz; below 1920*1200.

1080i50/59.94/60Hz;720P23.98/24/25/29.97/30Hz;720P50/59.94/60Hz

E1: 1*BNC 3G-SDI; E2:1*HDMI

Embedded Audio

SDK/API Development

Model

Video input

USB interface

Network support

Video resolution

Video encoding

Audio encoding

Encoding latency

Record storage

Management

Dimension

Downloads

of a video encoder.

system is important for the work.

https://www.kiloview.com/en/buy/

unit) to process video data instead of CPU.

U40 4K NDI Encoder

4KP60 HDMI to Full NDI Encoder

Go

N4 NDI Converter

1080p60 HDMI to NDI Codec

Product Type

FULL NDI Codec

NDI|HX Wireless Encoder

NDI|HX Wired Encoder

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info@kiloview.com

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Changsha, China

NDI|HX Decoder

N4

Product No.

N30

N40

N3

N4

N6

N1

N2

E1

E2

D300

Q: How much is the SDI/HDMI encoder?

At the same time, you can contact info@kiloview.com for more directions.

stream URL and stream key from Youtube, Facebook, Twitch.

Q: How to set YouTube, Facebook, Twitch streaming in the encoder?

You can go to the specific platform and find them in the stream settings to get the stream information.

Q: What's the difference between hardware encoder and software encoder (like OBS)?

Weight

Media transmission protocols

Power supply/consumption

Operation temperature

Image and text overlay

Micro SD

Video loop

Analog audio interface

125*89*28mm (4.92"*3.50"*1.10") FAQ about Kiloview E Series Video Encoder

Therefore, if we want to stream our video from SDI/HDMI camera to a public platform, we must compress the data and convert it into a common IP stream. That is the task

You are streaming with a mobile phone or computer in most cases, so you do not probably notice that. While for professional video production & streaming, an encoding

A: We have a distribution network across the globe. For detailed price information or service terms of our products, please check from our local partners near you:

A: After logging in the device web panel, go to "Encoding & Stream," "Encoding & Stream Settings," in the H.264 mainstream section, add an RTSP stream, and put in the

A: Software encoding uses the CPU (normally your PC or mobile phone) to encode the video. In contrast, hardware encoding is mainly based on GPU (graphics processing

Related Products

Both are OK for stream beginners, but for professional video production, we recommend using hardware encoders for their high efficiency and stability.

Parameters

N40 NDI Converter	N30 NDI Converter
4KP60 HDMI to Full NDI Codec	12G-SDI to FULL NDI Codec
Go	Go
	© E C ALLOY
NDI	Enc () der

Quick Comparison of our NDI Products

4KP60

4KP60

1080P60

1080P60

1080P60

1080P60

1080P60

1080P60

1080P60

4KP60

Data Transfer Resolution

E1/E2 NDI|HX Encoder

SDI/HDMI Input/Loop, SRT Supported

12G-SDI Input & Loop Supported

9 Channels of Video Simultaneous Decoding and Split-screen display Supported

	Related Products	
S2 4KIUHB		© KILL
S2 H 265 4K Encoder	P1/P2 H 26/ //G Ronding Encoder	

N1/N2 Wireless Encoder

SDI/HDMI Input, SRT Supported

Ethernet

Ethernet

Ethernet

Ethernet

Ethernet

Ethernet

Ethernet

Ethernet

WiFi/Ethernet

WiFi/Ethernet

Input Interface

12G-SDI

4K HDMI

3G-SDI

HDMI

HDMI

3G-SDI

HDMI

3G-SDI

HDMI

SDI+HDMI

intre o 7 o		
S2 H.265 4K Encoder HDMI 2.0 SRT/NDI HX, with Intercom	P1/P2 H.264 4G Bonding Encoder SDI/HDMI Input, 4x4G Network Bonding Go	
C KILOVIEW	The succession of the successi	

(A)	
P1/P2 H.264 4G Bonding Encoder SDI/HDMI Input, 4x4G Network Bonding Go	SDI/HDMI Rackmount Codec Mixed Insertion 4/8/16 Channels, Dual Power Go
Enc oder	C. M. Covered to

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	I/G2 H.264 Wireless Encoder i/USB Extended 4G / Wired Transmission Go Go Go E1/E2 H.264 Wired Encoder SDI/HDMI Input/Loop, SRT Supported Go		M2 H.264 Dual Port Encoder HDMI+VGA Input, 1080P 60Hz Supported Go		
Quick Comparison of our Encoders					
Product Type	Model No.	Input Interface	Network Connections	Resolution	Remark(s)
H.265 4K Encoder	S2	HDMI	Ethernet/Satellite	4KP60	

Quick Comparison of our Encoders					
Product Type	Model No.	Input Interface	Network Connections	Resolution	Remark(s)
H.265 4K Encoder	S2	HDMI	Ethernet/Satellite	4KP60	
H.264 4G Encoder	P1	3G-SDI	4G/WiFi/Ethernet/Satellite	1080P60	Built-in Battery, Cold-shoe Installation, Compatible with Outdoor Activities
	P2	HD HDMI	4G/WiFi/Ethernet/Satellite	1080P60	Built-in Battery, Cold-shoe Installation, Compatible with Outdoor Activities
Rackmount Codec	1U- 1/2/3/4	3G-SDI +HDMI	Ethernet/Satellite	1080P60	Mixed Insertion of 1-4 Channels of Codec Modules, Dual Power
	3U- 1/8/16	3G-SDI +HDMI	Ethernet/Satellite	1080P60	Mixed Insertion of 8/16 Channels of Codec Modules, Dual Power
H.264 Wireless Encoder	G1	3G-SDI	WiFi/Ethernet/USB Extended 4G/Satellite	1080P60	
	G2	HD HDMI	WiFi/Ethernet/USB Extended 4G/Satellite	1080P60	
H.264 Wired Encoder	E1	3G-SDI	Ethernet/Satellite	1080P60	
	E2	HDMI	Ethernet/Satellite	1080P60	
	M2	VGA+HDMI	Ethernet/Satellite	1080P60	

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