

P series 4G Bonding Encoder

Making outdoor live streaming Simpler



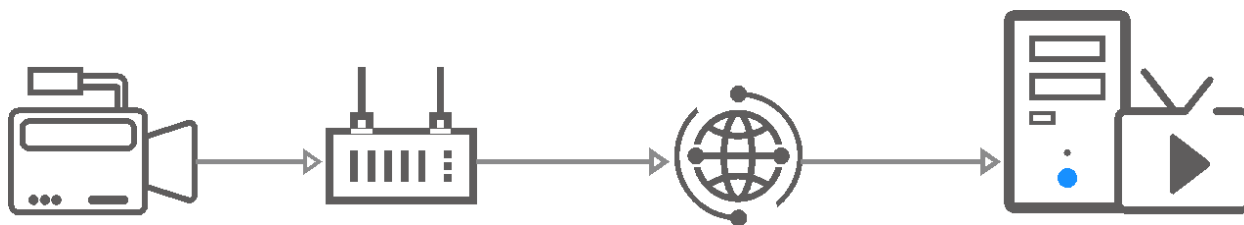
Descriptions

Kiloview P series bonding encoders, are professional 4G-LTE bonding video encoders, designed for outdoor live streaming. They convert SDI or HDMI video sources to IP streams and widely applied in remote video transmission and live streaming through multi-channel 4G bonding network. P1 supports SDI input, while P2 supports HDMI input.

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|------------------------------|--------------------------|
| •4 channels 4G bonding | •Built-in battery |
| •Threaded screw camera mount | •1080p HD live streaming |
| •Graphic overlay | •Recording and storage |

Applications

Outdoor live streaming, outdoor production program return, outdoor video interaction, outdoor news interviews, vehicle-mounted mobile video transmission, drone video transmission, and other scenarios requiring wireless video transmission.



SDI/HDMI video source
platforms

P series video encoder

4G/WIFI/Wired connection

Decoder/live streaming/live
platforms

Advantages

Reliable mobile video encoder for outdoor streaming

- 4 channels 4G bonding transmission expanded transmission bandwidth;
- H.264 encoding;
- Built-in battery, and powered by 5-16v external mobile device;
- Low-weight (only 400g) and threaded screw camera mount;
- Well-designed cooling system.



Powerful media stream functions (SRT, dual stream output and simultaneous 8 streams for main stream and sub stream)

- H.264 encoding, and SRT point-to-point transmission with Caller/Listener/ Rendezvous modes optional;
- Other most common protocols RTSP/ RTMP/ RTMPS/HLS/TS-UDP/Onvif;
- Customize for NDI/SIP;
- Dual stream output, main stream up to 1080P60 while sub stream up to 720P60 encoding;
- Main stream and sub stream enable 8 stream simultaneously (Streaming up to 8 live platforms simultaneously).

Support for graphic overlay, recording and PTZ control

- User-defined text and image overlay to anyplace in the window;
- With SD slot for local recording and NAS network storage;
- Support for USB expansion PTZ control;
- SDK provided for secondary development.

Parameters

Model No.	P1, P2
Input	SDI (P1): HDMI (P2)
Transmission mode	4G-LTE, WIFI (2.4/5G dual band), Ethernet by USB expansion
4G bonding capacity	4 channels of 4G bonding (2 CH internal+ 2 CH external)
Media protocol	RTMP/RTSP/SRT/HLS/TS over UDP, custom for SIP
Video resolution	Up to 1080P60Hz: 1080p23.98/24/25/29.97/30 1080p50/59.94/60 1080i50/59.94/60 720p23.98/24/25/29.97/30 720p50/59.94/60
Video encoding	H.264/AVC, Motion-JPEG
Audio encoding	AAC/G.711
Encoding latency	<67ms
Graphic overlay	User-defined text, image overlay
Recording	TF card slot/hard disk by USB expansion for local recording and NAS network storage
Management	Android APP/Web
Hot shoe	Removable
Battery capacity	3.7V 6800mAh (29.6Wh)
Power supply	DC 12V 1A
Power consumption	6.5w
Operating temperature	-20~45°C
Dimension	115*75*35mm (4.53*2.95*1.38")
Weight	400g (14 oz)