

P series 4G Bonding Encoder

Perfect for Outdoor Live Streaming



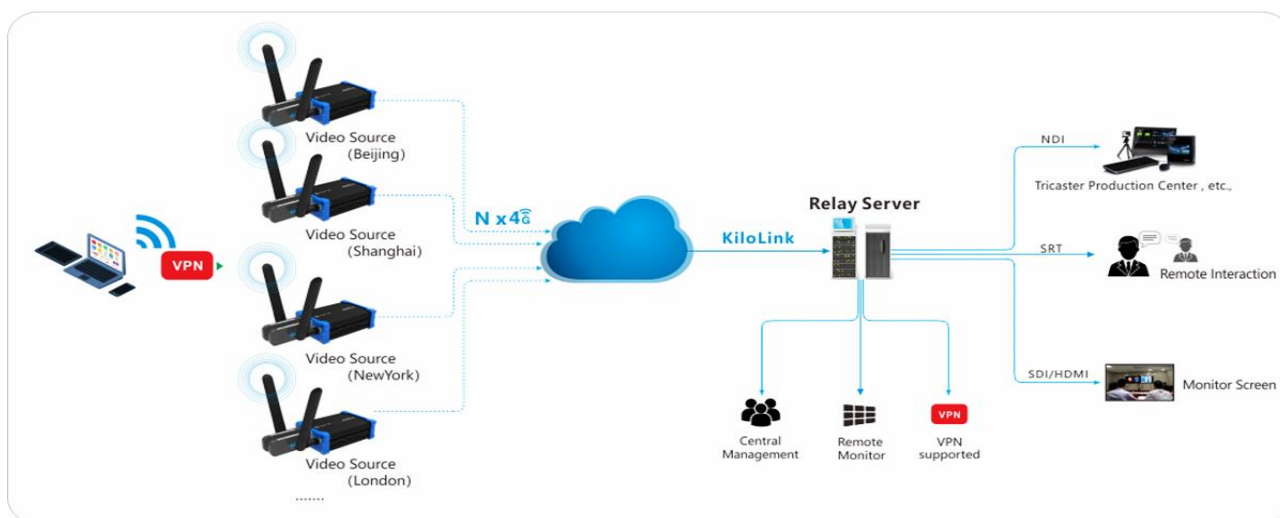
Descriptions

Kiloview P series bonding encoders, are professional 4G-LTE bonding video encoders, designed for outdoor live streaming. With KiloLink– Kiloview patented algorithm, it's suitable for reliable and stable transmission even with poor network. They are 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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|------------------------------|---------------------------|-------------------------------------|
| •5 channels bonding | •Self-host Bonding Server | • Built-in battery |
| •Threaded screw camera mount | •Multi-platform streaming | • Full range protocols |
| •Voice Intercom | •Recording and storage | • Adaptive Bitrate |
| • Low bandwidth transmission | • SDK/API provided | •Perfect for outdoor live streaming |

Applications

Outdoor streaming, remote video production, IRL streaming, news interviewing, emergency conducting, mobile video transmission, cloud video transmission, hospital video transmission and more wireless video transmission situations.



Advantages

Reliable mobile video encoder for outdoor streaming

- Up to 5 connections bonding, 2x Internal 4G Cellular + 2x USB 4G Cellular (LAN)+ 1x Wi-Fi (+1*RJ45);
- Built-in battery, available for 3-5 hours working each time;
- Low-weight (only 400g) and threaded screw camera mount;
- Well-designed cooling system supports for non-stop streaming;
- Multi-party voice intercom supported.

Free, safe and stable Kilolink bonding server

- Free Kilolink bonding software;
- Easy self-deployment on your own server or cloud-based server;
- Powerful and stable patented bonding algorithm ensure reliable transmission;
- Ultra-Low latency for end-to-end video transmission with 4G-bonding server.
- Centralized management of the devices (status realtime monitoring, preview, parameter settings, firmware updating, port forwarding) and all data statistics checking.

Multiple Platforms Streaming

- H.264 encoding and SRT point-to-point transmission with Caller/Listener/ Rendezvous modes optional;
- Direct streaming on the bonding server with the protocols of SRT/RTSP/RTMP/TS-UDP;
- 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 16 platforms simultaneously in total)

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	RTP/RTMP/RTSP/SRT/HLS/TS over UDP
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 and 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)