FIELD-TO-STUDIO REMOTE PRODUCTION SOLUTION

Bonded Field Contribution | Hardware Reception | Multi-format Studio Output

Modern live production is no longer confined to the studio. More sports events, breaking news, live performances, and outdoor events take place in remote locations, while production teams often remain at a central production center.

Delivering live video from the field to the studio requires more than a network connection. Production teams need a reliable workflow that connects field contribution with professional studio production.

The real challenge is not simply getting video back from the field. It is delivering stable, studio-ready feeds that can move directly into SDI production, NDI workflows, streaming platforms, and other production systems.

KEY CHALLENGES

Heavy Field Setups Limit Mobility

Traditional remote workflows depend on cabling, dedicated links, and heavy on-site gear. Setup takes time, mobility is limited, and every extra cable is a potential failure point when the story moves.

Wireless Networks Are Unpredictable

In outdoor and mobile shoots, cellular coverage fluctuates, public Wi-Fi congests, and base stations hand over. Relying on a single network link means one connection failure can end the transmission.

Studios Need Both Baseband and IP

Studio production rarely runs on one format. SDI switchers need baseband, while NDI networks and streaming platforms need IP. The same feed may need to reach a switcher, monitor, production network, and streaming platform at the same time.

Reception Infrastructure Is Complex and Costly

Software receivers and server-based workflows can work, but they often require more setup, IT support, maintenance, and troubleshooting than production teams want for repeatable live events.

KILOVIEW SOLUTION

Kiloview simplifies remote production by connecting field contribution, reliable transmission, and studio reception in one integrated workflow.

Field Contribution

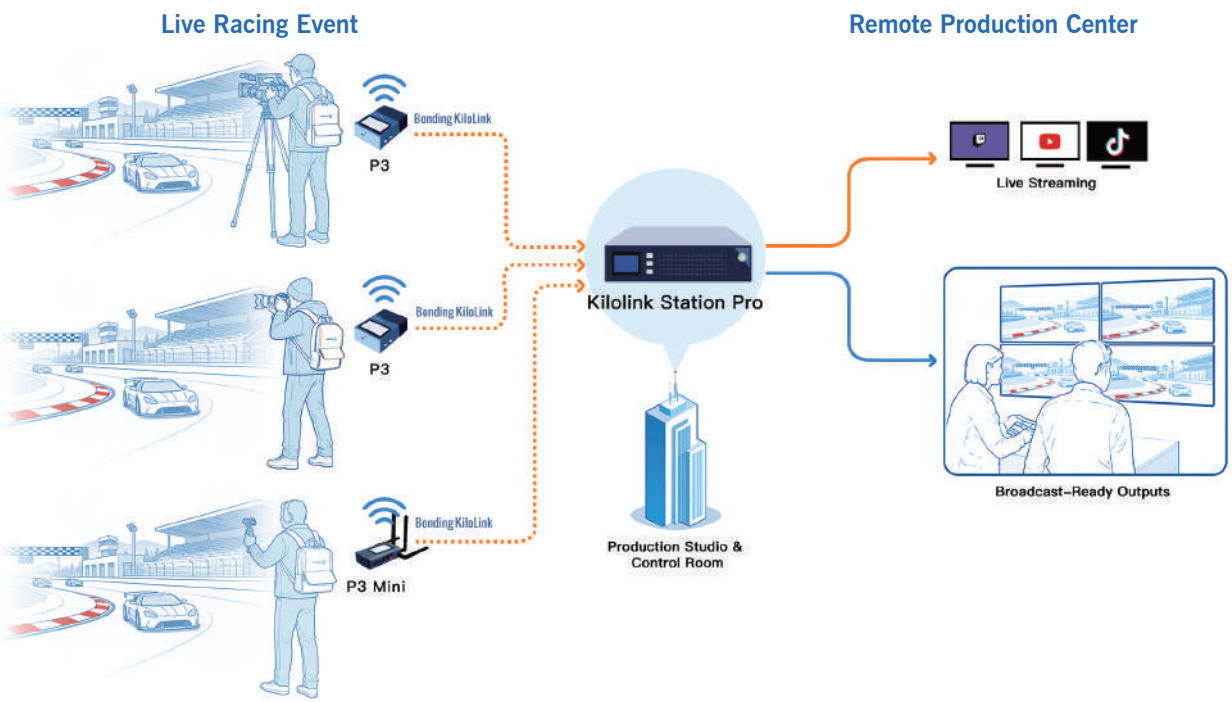
Capture, encode, and transmit live video over multiple bonded networks.

P3/P3 Mini **Wireless Bonding Encoders**

Studio Reception

Receive, decode, route, and redistribute bonded streams in one half-rack 1U appliance.

KiloLink Station Pro **Bonding & Management Platform**



SOLUTION HIGHLIGHTS

Cable-Free, Backpack-Ready Field Kit

P Series includes the backpack-style P3 and compact P3 Mini, combining wireless transmission, encoding, and battery power in one unit with SDI, HDMI, and USB inputs. P3 supports hot-swappable dual batteries for long shoots.

Multi-Link Bonding for Reliable Transmission

Wireless Bonding combines up to 6 connection links (5G/4G, Wi-Fi, and Ethernet), with dynamic load balancing and adaptive bitrate. If one link drops, the others keep the stream running.

Studio-Ready SDI, HDMI, and IP Outputs

KiloLink Station Pro provides 4×3G-SDI and 1×HDMI for each feed, and IP protocols including NDI HX, SRT, RTMP/RTMPS, HLS, RTSP, RTP, and TS over UDP for broadcast, NDI, AV, and streaming workflows.

No Receiver Servers, No Software Workflow Complexity

One half-rack 1U KiloLink Station Pro receives up to 8 bonded streams with built-in hardware decoding, routing, and redistribution — no software receivers, dedicated servers, or complex IT setup.

A FIELD-TO-STUDIO WORKFLOW

P Series and KiloLink Station Pro work together from field to studio. P Series keeps the field setup light and reliable, while KiloLink Station Pro receives bonded streams and outputs them as SDI, HDMI, IP streams, or feeds for streaming platforms.

Instead of building separate receiver servers or adding extra software steps, production teams can run remote production through one repeatable hardware workflow. For broadcasters, event production teams, and system integrators, this means a repeatable remote production workflow that is easier to deploy in the field and easier to integrate in the studio.

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