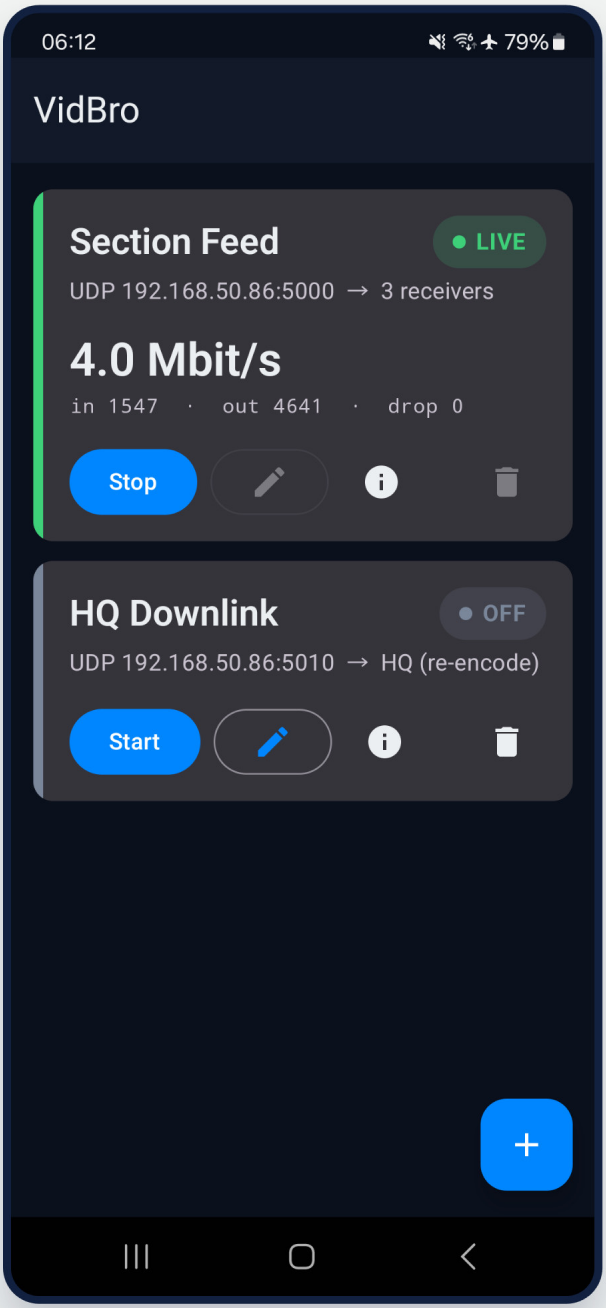
VidBro

UNIVERSAL VIDEO GATEWAY

VidBro turns one Android EUD into a relay that rebroadcasts live ISR feeds over IP radio networks.



01

Rebroadcast ISR feeds

Transcode and relay ISR feeds from high bandwidth networks to narrowband networks. VidBro is capable of operating over all common video transport formats.

02

Seamless ATAK integration

VidBro runs as a persistent service in the background and is invisible to the user. So the TAK video player (or any compatible video player) can tap into the rebroadcast feeds

03

Rides your network

VidBro leverages the EUD's hardware media encoders to transcode video and optimise it for the target network.



Hardware Optimised

Our media codecs have been optimised for Android hardware

Completely Serverless

Runs on the device itself. No media server.

Fits Narrow Links

Transcoding to cut bitrate for bandwidth constrained links.

Easy to Configure

Built-in profiles are optimised for common radio waveforms.

Schedule a demo

See one drone feed reach every operator.

WEBSITE mkiv.com.au

EMAIL mkiv@mkiv.com.au

PHONE +61 414 352 482

HOW IT WORKS

SYSTEM WORKFLOW

1 UAS / Aircraft



VIDEO DOWNLINK

Streams live video to the ground receiver.

2 Ground Receiver



e.g. TNR 2e

ETHERNET · MULTICAST

Receives the downlink and outputs IP video over Ethernet.

3 VidBro



MULTICAST + UNICAST

Transcode and rebroadcast video on multiple IP interfaces.

4 IP Radio

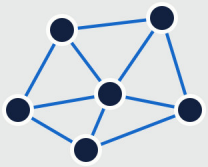


e.g. AN/PRC-163

IP RADIO NETWORK

IP bearers push the video out.

5 Mesh network

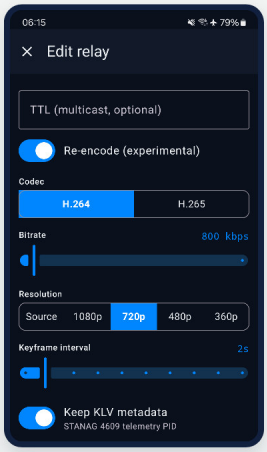


ALL DEVICES

The video is seamlessly shared across the network.

SET UP IN THE FIELD

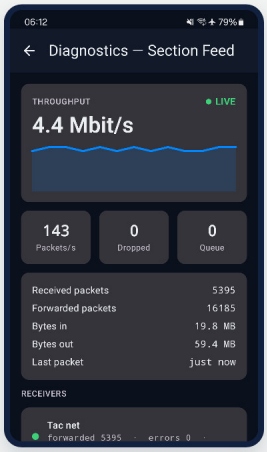


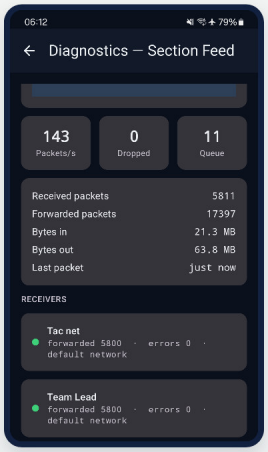


01

Configure

Set the input parameters and add destinations. Optionally re-encode to suit the radio link.





02

Go live

Start the relay. View live diagnostics.

SPECIFICATIONS

Input	IP (UDP/RTSP) video streams, USB cameras, Bluetooth
Viewers	ATAK, TAKX, TAK, VLC, etc
Tested devices	S23 Tactical Edition, XCover 6 Pro, Tab Active5
Output	Multiple unicast destinations and multicast groups, simultaneously
Protocols	UDP Multicast, RTSP, HTTP, HTTPS, SRT, KLV metadata preserved
Transcoding	H.264 / H.265, frame rate, bitrate and resolution control

View VidBro online
mkiv.com.au/products/vidbro

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