



A remote drone operator sees video that may be older than it looks. At 20 m/s, 300 ms of delay means the drone is 6 metres further on. AKIZU attaches the exposure time to every frame and verifies its age all the way to the display. If the age cannot be guaranteed, the frame is not shown as live.

Five products, one chain



01

Drone

Starling 2 Max in an AKIZU airframe with cameras and Brain on board.

IN DEVELOPMENT



02

Brain

VOXL 2 and a 5G modem in an aluminium enclosure. Encodes video with VERA.

IN DEVELOPMENT



03

SIM

Data SIM cards for drones, managed from the platform.

IN PREPARATION



04

Platform

Fleet, SIM cards and an evidence package for every flight.

UI PROTOTYPE



05

Direct

A cockpit that shows only frames of known age.

CONCEPT

64.6 ms ⓘ

full chain over WiFi, median. The sender is temporarily a phone, not the target hardware.

Who it is for

Drone manufacturers and integrators, DFR programmes, infrastructure inspection, public safety.

≤ 2.72 ms ⓘ

switch to a neutral surface after stream loss. A stale frame never stays on screen.

What VERA is

AKIZU's own video protocol. Exposure time travels with each frame and a guard at the receiver decides on every frame.

≤ 50 ms ⓘ

target frame age for the LET-1 profile on VOXL 2 over cellular. Not yet measured.

How to start

A Verify measurement kit, or a paid pilot integrating Brain and VERA on your platform.

Want to know how old your video really is?

We measure your drone's frame age optically, from light in the scene to light on the display.

akizu.com
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