

PRODUCT SHEET · 03

AKIZU SIM

Data connectivity for drones



AKIZU SIM provides data SIM cards for drones and Brain onboard units. Manage cards, data limits and connectivity status in AKIZU Platform. Together with the Brain Duo concept, they are designed to operate across two operators simultaneously, so an outage on one cell does not mean loss of video.

nano-SIM

M0090 modem slot (M)

LTE · 5G

depending on partner network (P)

2 networks

with Brain Duo, concept (P)

1 portal

managed in Platform (P)

Who it's for

Fleet operators flying beyond visual line of sight over mobile networks who want to avoid managing contracts with multiple operators.

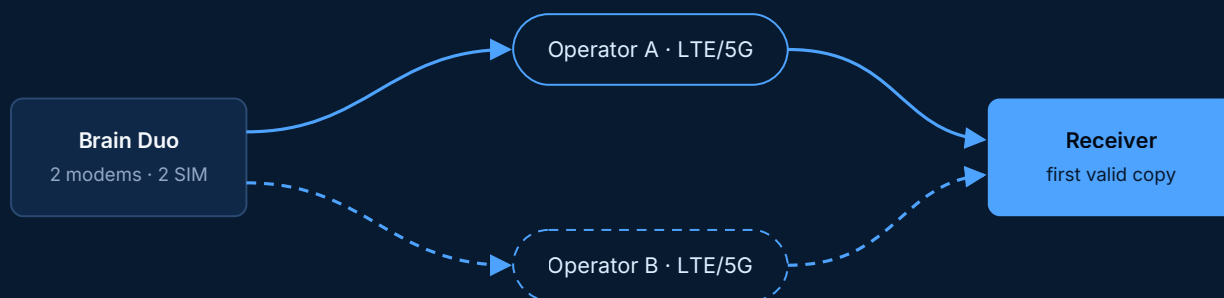
What it addresses

Cell outages, network congestion and throttling. When Brain Duo sends each frame over two routes, the first one to arrive is used.

Management

Activation, suspension, data limits and signal status for each flight in AKIZU Platform.

Two networks at once



Brain Duo concept: each frame is sent through two operators. The receiver displays the first valid copy and discards the second. A single modem cannot handle two networks simultaneously.

Specifications

CARD

Format	triple-cut mini / micro / nano (E)
For Brain	nano-SIM, service access from the side (M) (E)
Type	M2M / IoT data SIM (P)
eSIM	to be assessed for the modem (U)

NETWORK

Technologies	LTE, 5G depending on partner coverage (P)
Operators	partners in Slovakia and the EU; selection in progress (U)
Two networks	Brain Duo only, concept (P)

MANAGEMENT AND SECURITY

Portal	AKIZU Platform (P)
Functions	activation, limits, status, history (P)
Access	private APN or VPN (P)
Flight association	signal and networks in the evidence pack (D)

COMMERCIAL

Plans	based on fleet size; prices after partner selection (U)
Status	in preparation (P)

Colours



Deep Navy, white printed logo · visualisation

Before launch

Select partner operators, verify coverage on customer routes, test behaviour when switching between cells and confirm support for data prioritisation. Add pricing.

(I) measured internally · (M) stated by manufacturer (not verified by AKIZU) · (D) AKIZU design proposal · (T) target · (P) plan · (E) estimate · (U) currently unknown

Sources: [ModalAI MDK-M0090](#), [5G Modem datasheet](#). Image is a visualisation.



AKIZU Drone en route · visualisation