



BABKA 2.0

The Babka is an extremely quiet fixed wing airframe that can be deployed for non-stop flight missions of up to 180 minutes. With a standard transmission distance of 15km with our handheld controller and up to 50km with the optional sector antenna (all on 5.8Ghz with HD video).

With its VTOL configuration and simple setup, the BABKA can be launched from confined spaces by a single operator with ease and confidence. No runway required.

The modular cargo compartment can be adapted to carry a variety of sensors or custom payloads to fit specific mission requirements.

The Babka provides BVLOS strategic situational awareness either day or night, with the ability to broadcast securely to multiple locations, allowing users to view the live feed or control the drone from anywhere in the world utilising LTE, Star Link, Satellite or other internet connection.

With a low audible signature and minimal visual profile, the Babka is ideal for covert operations.

All of UAVTEK products are designed to operate in GNSS denied environments. Featuring intelligent return to launch mode and offering autonomous mission capability or the option to fly manually.

All products use a secure AES 256 encrypted wireless link to provide protection in the field and can be quickly adapted to use optional cellular network or MANET radio modules, which can be highly effective in urban environments or disseminated.

Wingspan Size	2.3m
Standard mass with flight battery	8kg
Maximum Take-off Mass	11kg
Payload	3kg
Flight Time	Up to 180 mins
Windspeed (MAX)	30knots (35knots gust)
Operating Temperature	-20 +50 Celsius
Launch and Recovery Options	Ground / Vehicle / Large Boat
Frequency	5.8Ghz / 2.4Ghz
Optional radio solutions	LTE (Cellular), Tactical Radio, Sat Modem
Fully autonomous mission capable	Yes
Camera	Base model gimbal: EO 2 x 12.3MP, Thermal 384 x 288 - 25hz, Video transmission 1080p
Range with full HD video link	Up to 15km Handheld controller 50km with Sector Antenna. 300km with optional LTE link.