

MINI SHARK '25

UKRSPEC
SYSTEMS

3.5 HOURS ENDURANCE
45 KM COMMUNICATION RANGE
FOR DAY & NIGHT MISSIONS

The **Mini Shark 2025** is the evolved version of our smallest fixed-wing system. It incorporates field-tested improvements for longer endurance, greater range, and enhanced durability. Compact yet powerful, it delivers reliable reconnaissance where speed and adaptability are critical.



Boosted Performance

Extended endurance gives crews more time and range. The new power system sustains flight and communications together without trade-offs. Missions can go deeper and last longer with confidence.



Enhanced Connectivity

Built for contested skies, the comms suite resists jamming, spoofing, and interception. Operators retain secure video, stable control, and continuous intel flow.



Versatile Operations

The upgraded sensor enables seamless 360° coverage. Targets are tracked instantly without altering course, keeping the system effective in fluid conditions, day or night.



Rapid Deployment and Mobility

Launch in minutes with one operator, recover by automatic belly landing and no extra gear. The modular backpack lowers weight, so crews move lighter, set up faster, and can work longer.

MOBILE CONTROL STATION

Based on Mini Shark combat experience, all components were redesigned to be lighter, more ergonomic, and fully integrated – improving crew comfort, reducing cognitive load, and enhancing mission safety under stress.

AT-MICRO ANTENNA

- Automated antenna alignment, no manual adjustment
- Continuous UAV tracking with real-time correction
- Jam-resistant datalink with a range of up to 45 km

UNIVERSAL MOBILE BATTERY

- Up to 10 hours of autonomous ground station operation
- 3 × LAN ports for local network and mission systems
- 2 × 20 V outputs (150 W total) for GCS or auxiliary devices
- Charging from mains power or vehicle socket

MAST

A new lightweight carbon-fiber mast reduces overall system weight and simplifies transport and deployment.

UAV CC SOFTWARE

The upgraded software makes Mini Shark more automated and operator-friendly in combat conditions:

- Live video retransmission to HQ, other command posts, or cloud storage
- Automatic antenna geolocation within UAV CC
- Integration with GIS and KML files (incl. Google Earth)
- Flight indicators: radio horizon, remaining endurance, contrast adjustments
- Remote firmware and software updates for the UAV

BACKPACK 2.0: COMPACT & ERGONOMIC

Improved ergonomics, a smaller form factor, and a detachable bag make the upgraded backpack mission-ready and more flexible than ever.

BACKPACK 1:

- ✈ 2 Mini Shark UAVs with USG-261 camera systems

BACKPACK 2:

- 💻 Mobile control station
- 🔋 UAV batteries
- 🛠 Spare parts, tools and accessories

The bag can be detached from the backpack

5 min
QUICK ASSEMBLY

Day/Night Sensors
360° ROTATION

TECHNICAL DETAILS:

Endurance	Up to 3.5 hrs
Communication range	Up to 45 km
Max flight altitude	7000 m
Flight route	Up to 220 km
MTOW	5.5 kg
Cruise speed	60 km/h
Max flight speed	120 km/h
Takeoff and landing	Hand launch and automatic belly landing

