

## BOREY 10 UAS

The Fixed Wing BOREY 10 UAS is designed for different long-range missions, security solutions, and commercial applications.

- The BOREY 10 covering 200 km (124 mi) in a single mission
- Long-range performance capabilities with a flight time of up to 240 min
- GPS data embedded recording of video or images
- Live streaming up to 120 km (80.8 mi)
- Resistance to jamming
- Takeoff and landing is fully automatic
- Proprietary Autopilot

The system's unique mobility allows the Borey 10 to be transported quickly and deployed within minutes. Its modular UAV design enables easy replacement of various functional modules.

- Low operating costs
- Launch from any terrain
- Long operational lifespan
- Rapid task execution
- Simple maintenance
- Easy deployment and recovery
- Large area coverage



Aerial mapping and surveying

Monitoring of facilities in areas affected by natural and man-made disasters

Monitoring of power lines, industrial facilities, and oil and gas pipelines

Search and rescue (SAR) operations

Reconnaissance of disaster-affected areas

Rail and road monitoring

Border control

**PERFORMANCE**

Specification	DATA
Cruising speed	65 km/h 40 mph
Maximum speed	85 km/h 53 mph
Max. Payload	1,5 kg (3,3 lb)
MTOW	16 kg (35,27 lb)
Max. climbing capacity	6 m/s (11,6 kts)
Max. speed	85 km/h (53 mph)
Flight time	240 min
Operational range	200 km (124 mi)
Practical ceiling	3,500 m (11.483 ft)
Digital data link	up to 120 km (up to 74.5 mi)
Telemetry and control data link	up to 120 km (up to 74.5 mi)

Specification	DATA
Wingspan	3,570 mm (140,5 in)
Length	895 mm (35.2 in)
Height	280 mm (11.02 in)
Empty weight	6 kg (13,22 lb)
Emergency landing	Parachute
Onboard power supply	24V, LI-Ion
Powered by	Electric motor 2000W
Level surface	Takeoff 100 x 100 m and Landing plot 100 x 100 m
Ground support equipment	Not required
Launch method	Mechanical catapult
Recovery system	Parachute landing
Operating temperature	-20 °C to +40 °C

**PHYSICAL SPECIFICATIONS**

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