



WanderB-VTOL

Mini Tactical **Electric VTOL UAS**

The WanderB-VTOL is a mini tactical, fully electric, Vertical Take Off and Landing (VTOL) UAS. It offers autonomous and flexible operation that combines the advantages of a fixed wing UAV with the benefits of a multi-copter:

Fixed wing advantages - Long endurance, high speed operation, ability to work in harsh environment, large area coverage and ability to glide to safe landing.

Multi-copter advantages - Ability to take off and land in small, limited areas (forest clearings, urban, etc.) and soft and accurate landing.

Key Features

VTOL | Pin-point vertical takeoff & landing in confined areas

Mission Flexibility | Variety of high-performance sensors, comms & software algorithms for diverse missions

Covert Operation | Low acoustic, visual, thermal and radar signatures

GPS Denied Environment | Multi-layer protection against GPS Jamming for mission continuity in GPS denied environment

Advanced Datalinks | Mission continuity even in COMJAM environment - integrated 3 communication links

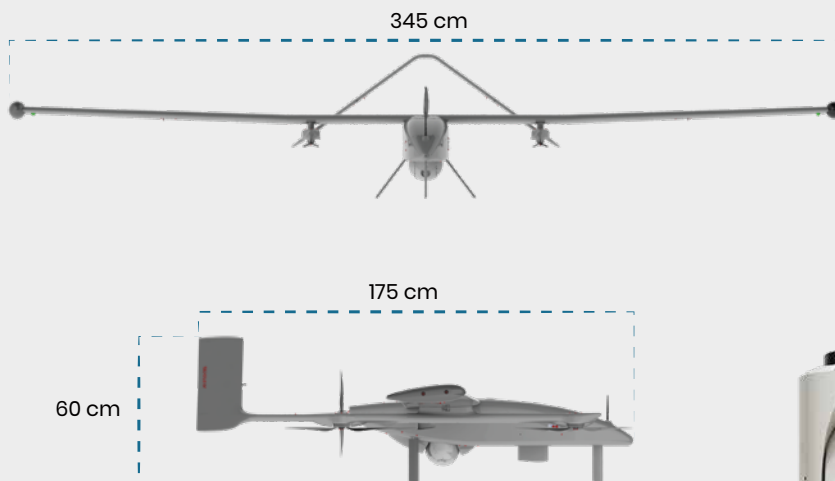
Easy to Operate | Rapid deployment, small crew of two, no need for prepared area

Power | fully electric. Uses batteries for both the pusher and the VTOL propellers

High Reliability | Multiple system redundancies and advanced field-proven avionics

Low LCC | Low acquisition and maintenance costs

Dimensions



Specifications



MTOW
15 Kg



ENDURANCE
UP TO **3 Hrs**



COMM RANGE
UP TO **50 Km**



MAX SPEED
120 Km/h (65Kts)



PAYLOAD WEIGHT
1.5 kg

Operational Missions



Covert ISTAR



Artillery Support



Border Protection



3D/2D Hi-Res Mapping



Force Protection



Maritime Operations



Search and Rescue



Civilian Applications



Disaster Management



Law Enforcement

EO/IR

GYRO STABILIZED CAMERA
UNCOOLED THERMAL IR SENSOR