



***Electric
Endurance
Redefined!***

WanderB-FC

Mini Tactical Electric (Fuel-Cell) VTOL UAS

The WanderB-VTOL is a mini tactical UAS powered by a **hydrogen fuel cell**, offering VTOL capability with extended endurance of over **6 hours**. Based on the combat-proven WanderB platform, it delivers high reliability, long-range performance, and the flexibility to take off and land in confined areas. Designed for demanding missions, it operates effectively in GPS-denied environments, supports rapid deployment, and enables longer time-on-target with enhanced operational efficiency and tactical impact.

Key Features

Field-proven | Fully operational in a GPS denied/spoofed and COMJAM environment

VTOL | Vertical takeoff & soft landing in small areas with a short turn-around time

Mission Flexibility | Large payload compartment supports a variety of easy replaceable sensors for diverse missions

Fuel-cell Configuration | Unprecedented long endurance of up to **6 hrs** for even greater mission flexibility

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

Advanced Datalinks | Redundant two communication links for mission continuity even in COMJAM environment

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

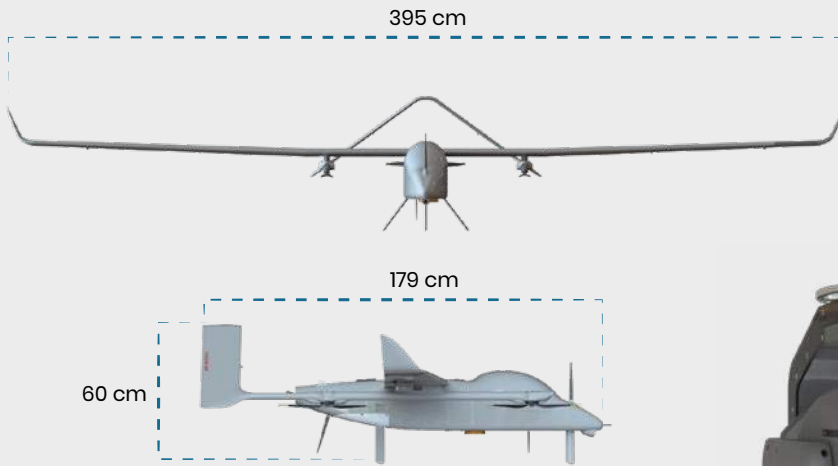
VTOL Power | Extended power bank for safe landing and VTOL assist during flight

High-Reliability | Unmatched MTBF (>1:1000) based on thousands of operational hours accumulated

Mission Computer | Improved autonomous capabilities for complex missions and emergency handling

LCC | Low acquisition and maintenance costs

Dimensions



Specifications



MTOW
18 Kg



ENDURANCE
UP TO **6h (Fuel Cell)**



COMM RANGE
UP TO **70 Km**



MAX SPEED
120 Km/h (65Kts)



PAYLOAD WEIGHT
UP TO **2.5 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 Camera Payload

GYRO STABILIZED CAMERA
COOLED THERMAL IR SENSOR



MagiCam - 3D Mapping