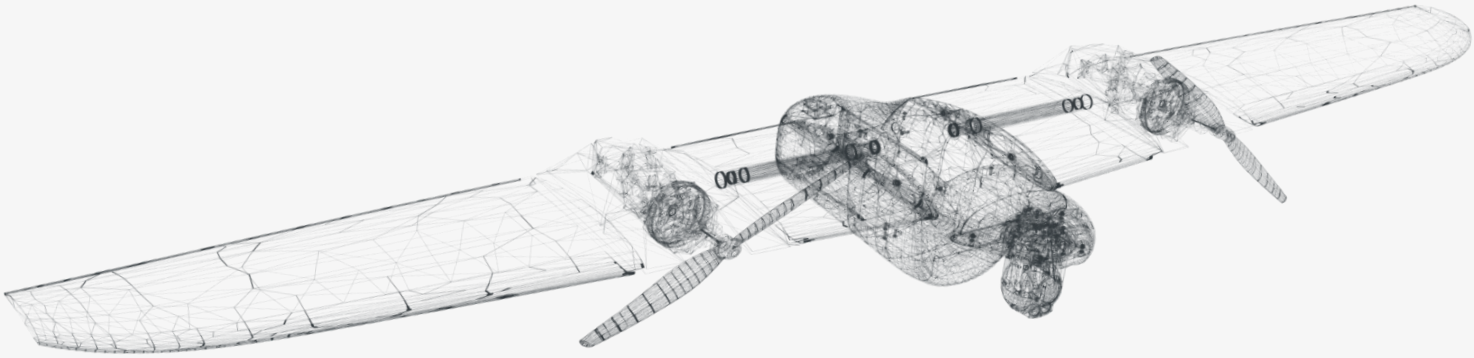
WARDEN

THE FIRST DRONE WHO IS A TEAMMATE.



AUTONOMOUS ISR | **BACKPACK PORTABLE** | **MISSION DECISIVE**

Warden is a backpack-portable VTOL ISR platform that operates as an autonomous teammate, not a remote-controlled aircraft. The operator speaks mission intent in natural language. Warden plans, executes, adapts, and reports—compressing the OODA loop from minutes to seconds, even through complete communications loss.

5 KG	1.3 M	VTOL	3-PIECE	1 OPERATOR	EDGE AI	4.5-HOUR
MTOW	WINGSPAN	BICOPTER	BREAKDOWN	DEPLOY	ONBOARD	FLIGHT TIME

CORE CAPABILITIES

AUTONOMOUS MISSION EXECUTION

Warden does not follow waypoints—it interprets mission intent and autonomously plans execution across the full ISR task set: survey, search, track, escort, intercept, overwatch. Continuous operation through RF-contested and comms-denied environments with zero operator dependency.

NATURAL LANGUAGE C2

Voice-commanded at the edge. Operators speak mission intent, the Warden disambiguates, validates, and executes. No stick-and-throttle training required. No GCS tether. Decisive autonomy that turns any warfighter into a mission commander.

MULTI-SENSOR FUSION & EDGE AI

Onboard AI fuses EO/IR, acoustic, and SAR modalities in real time. Autonomous object detection, classification, tracking, and prioritization. All processed is at the edge, never dependent on a backhaul link. Full TCPED pipeline onboard.

CONTESTED ENVIRONMENT NATIVE

Engineered from day one for GPS-degraded, RF-denied, and comms-contested operations. Autonomous mission continuity is the default mode, not a fallback. Warden finishes the mission.

BEYOND ISR

MULTI-DOMAIN COMMAND NODE

Warden's onboard autonomy transforms it from a sensor platform into a persistent airborne C2 node. Warden detects, classifies, prioritizes, and plans – coordinating loitering munitions, unmanned ground vehicles, and adjacent ISR assets in real time. Sensor-to-shooter timelines collapse. The kill chain compresses from the tactical edge, not the TOC.

- Autonomous target handoff to loitering munitions
- Real-time multi-domain asset coordination (air + ground)
- F3EAD / kill chain acceleration at the tactical edge
- Persistent overhead C2 without dedicated operator bandwidth

AKRIDIA

One platform. One operator. Full-spectrum autonomous ISR.
From backpack to battlespace in minutes.