



WHAT IS ORKID

AUTONOMOUS EVTOL DRONE SOLUTION

WWW.ORKID.TECH

WE ARE AN AEROSPACE STARTUP.

ABOUT ORKID

Democratizing access to smart aerospace-grade, certified VTOL technology for efficient, cost-effective, multidisciplinary drone applications.

ONE PLATFORM MANY APPLICATIONS

Orkid develops certified, cost-effective VTOL drone technology, empowering drone operators to deliver advanced aerial services to their customers with ease and reliability.



01
**Automated Aerial
Logistics**

02
**Emergency
Response**

03
**Defense and Military
Applications**

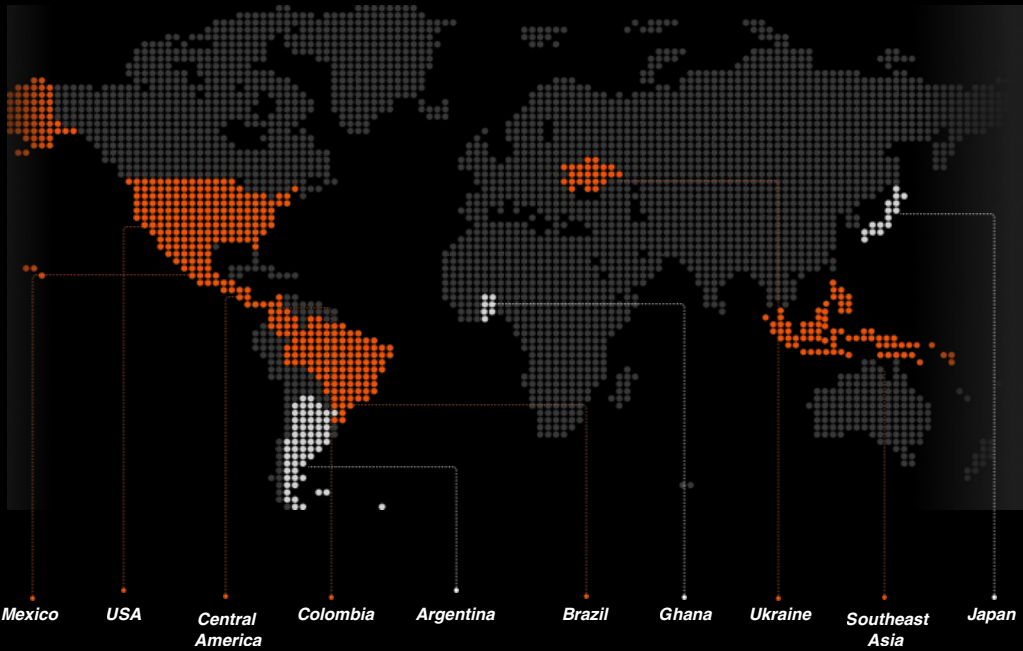
04
**Surveillance, Inspection,
Patrol & Mapping**

Solution

WWW.ORKID.TECH



● Existing Clients ● In Pipeline



What we have accomplished

- *Our client network spans over 16 countries worldwide, showcasing our strong global presence and market reach*
- *We are sending our NDAA compliant drones to Ukraine and have secured contracts with colombian military*



ORKID™ HEALTHCARE



REGULATORY APPROVAL

BRAZIL

Certified Technology from one of the most prestigious civil aviation authorities in the world. ANAC

Our technology has the best grade avionics and safety systems including parachute to comply with the most stringent regulations in the World.

ORKID.TECH

ORKID 260VTOL ISR

Reinventing ISR With Satellite-powered Autonomy



**NDAA COMPLIANT
ARCHITECTURE**



All of our components are certified as
DIU Blue Framework compliant

**MARITIME ISR WHEN IT
MATTERS THE MOST**



*120 Km range
90-120 minutes in the air
80X zoom EO/IR cameras*



WWW.ORKID.TECH

ISR DRONE VARIANT

260VTOL ISR

001 AUTONOMOUS FLIGHT

002 GLOBAL REACH

003 ABSOLUTE PRECISION

EYES IN THE SKY, PRECISION ON THE GROUND

**ENHANCING REAL-TIME ISR DRONE
MISSIONS WITH CUTTING-EDGE OPTICS,
SEAMLESS SATELLITE CONNECTIVITY,
AND COST-EFFECTIVE OPERATIONS.**





NEW
ORKID 260VTOL ISR comes equipped with full integration with Starlink's satellite constellation for real-time telemetry and video feed, without the need for expensive ground-based radio infrastructure.

→ ENJOY TRUE BVLOS CAPABILITY ACROSS VARYING TERRAINS, ENSURING RELIABLE OPERATIONS ANYWHERE IN THE WORLD.

ORKID 260VTOL ISR

WWW.ORKID.TECH



260VTOL ISR
*Reinventing Isr With
Satellite-powered Autonomy*

ISR READY



A01

REAL TIME RECONNAISSANCE

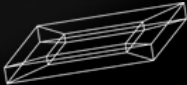
Equipped with high-definition electro-optical (EO) and infrared (IR) sensors, this ISR drone ensures precise real-time reconnaissance and surveillance.



A02

PAYLOAD FLEXIBILITY

Supports ISR drone missions with modular payloads, enabling advanced reconnaissance, surveillance, and inspection with GPS-guided precision.



A03

AUTONOMOUS FLIGHT

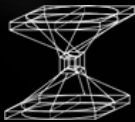
Enables fully autonomous drone operations with advanced GPS guidance for takeoff, landing, and waypoint navigation, ensuring efficient and seamless missions.



A04

SECURE DATA TRANSMISSION:

Encrypted communications ensure data security during ISR drone missions, providing real-time intelligence with unmatched reliability.



ORKID 260VTOL ISR

*Inventing Isr & Mapping With Satellite-powered
Autonomy*

01 Military Applications

*Real-time tactical
intelligence with EO/IR
sensors.*

02 Infrastructure Monitoring

*Precision inspection of
pipelines and power lines.*

03 Agriculture

*High-resolution mapping
with multispectral
sensors.*

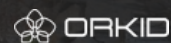
04 Disaster Response

*Rapid data gathering
during emergencies.*

05 Search & Rescue

*Locate survivors using
thermal imaging.*

Applications & Use Cases



NEW

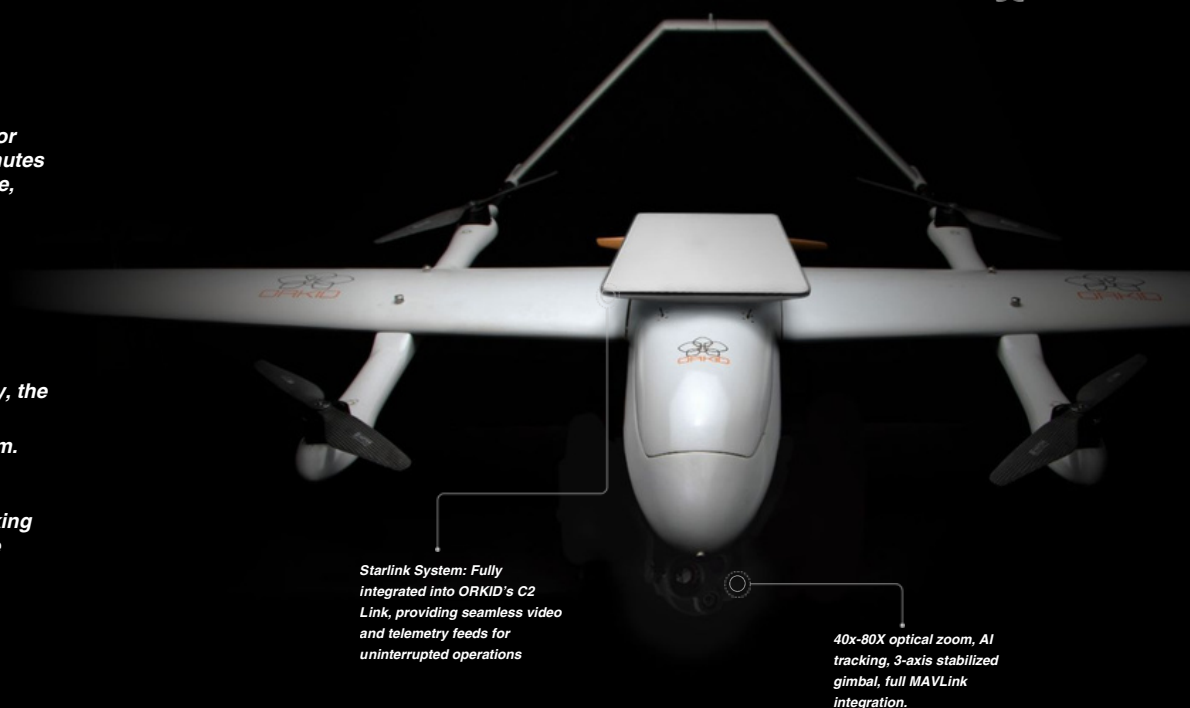
ORKID 260VTOL ISR

The ORKID 260VTOL ISR is engineered for unrivaled performance, delivering 90 minutes of flight time, 120 km of operational range, and maximum wind resistance of 12 m/s.

Powered by seamless Starlink satellite integration, it offers a fully autonomous experience with real-time video and telemetry through our intelligent C2 Link—eliminating the need for ground infrastructure.

Designed with modular payload flexibility, the aircraft supports ISR missions with AI-powered tracking and 80x optical zoom.

ORKID's smart cloud-based mission planning ensures rapid deployment, making it flight-ready in under 10 minutes for the most demanding applications.



Starlink System: Fully integrated into ORKID's C2 Link, providing seamless video and telemetry feeds for uninterrupted operations

40x-80X optical zoom, AI tracking, 3-axis stabilized gimbal, full MAVLink integration.



GLOBAL SATELLITE CONNECTIVITY:

→ *Integrated with Starlink's satellite constellation for real-time telemetry and video feed, without the need for ground-based infrastructure.*

(WELCOME TO THE FUTURE
OF C2 LINK SYSTEMS)

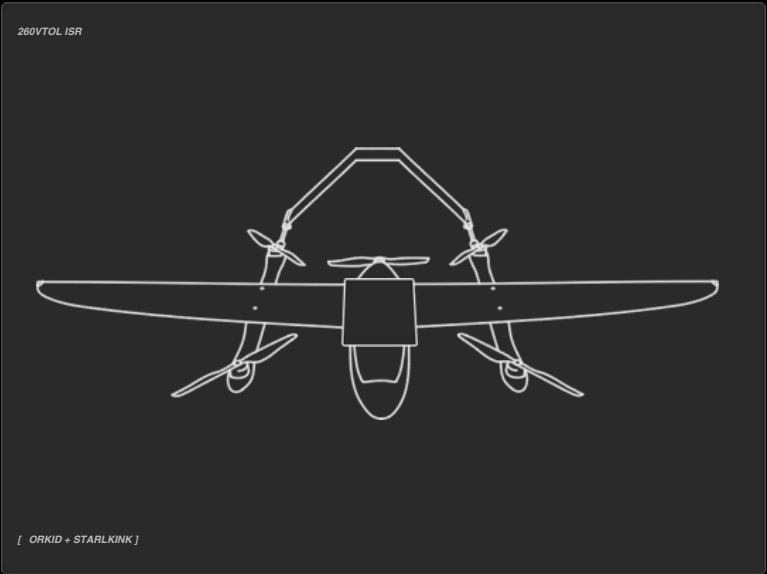


PERFORMANCE DATA & SPECIFICATIONS

ORKID 260VTOL ISR / Mapping



001	Max Speed	80 km/h (22 m/s)
002	Max Flight Time	90 minutes (with standard payload)
003	Range	120 km (BVLOS enabled)
004	Max Wind Resistance	12 m/s (Operational)
005	C2 Link	Full Satellite Integration (Starlink) – No need for radio towers or ground infrastructure. Centralized operations worldwide.
006	Payload Integration	Modular support for ISR and Mapping systems with MAVLink-enabled smart functions.
007	Mission Planning	Fully autonomous operations with mission planning through ORKID's intelligent cloud platform.
008	SR Payload Next Vision	Camera 40x-80X optical zoom, Thermal, 3-axis stabilized gimbal, full MAVLink integration.





PAYLOAD INTEGRATION ISR



ORKID 260VTOL ISR



[Next Vision Starling]

ISR Missions NDAA Compliant

Starling is a dual EO-IR 3-axes stabilized camera with a mere weight of 180gr. Starling delivers unparalleled performance at compact packaging. It is the best choice for low weight platforms that have a limited energy capacity, resulting in extended mission time. EO: X40 (X20 + X2 digital) Thermal Resolution 640 x 480.



[Next Vision Raptor]

ISR Mission Raptor Camera

Alightweight long rangedual EO-IRstabilized camera turret, the Raptor represents NextVision's constant technological advancement. Featuring a significant IR range increase and a X80 EO zoom. EO X 80 (X40 X 2 Digital) Thermal Resolution 1280 x 720.

WWW.ORKID.TTEECCH



THANK YOU

www.orkid.tech / info@orkid.tech

ORKID TECH Holdings Limited Cayman Co / ORKID TECH
LLC USA-BRAZIL-COLOMBIA

