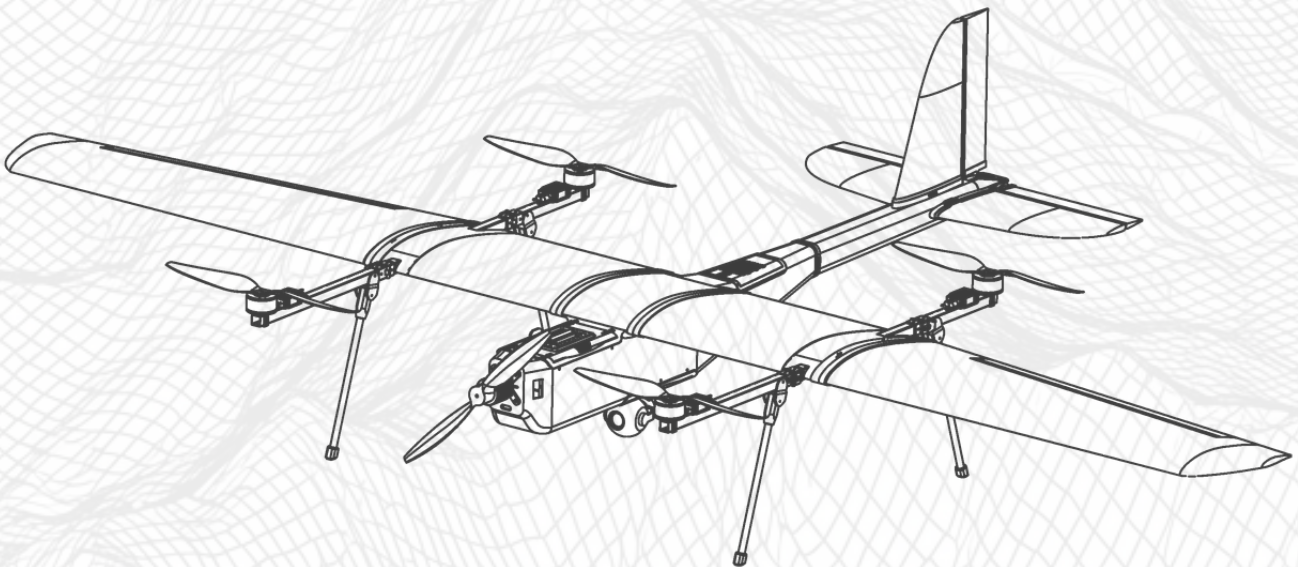


VECTOR VTOL

LONG-ENDURANCE ATTRITABLE ISR PLATFORM

Low-cost persistence for
contested environments



BUILT TOUGH.
OPERATIONAL ANYWHERE.



Range
10–30 km



2 KG
PAYLOAD CAPACITY



Endurance
120 Min



WHY IT MATTERS



Attributable Design Philosophy



Runway Independence

COST-EFFECTIVE PERSISTENCE WHERE IT MATTERS MOST

Designed for high-risk and contested environments, Vector VTOL delivers long-endurance tactical intelligence without reliance on runways or heavy launch infrastructure. Its attributable airframe architecture balances high-tier mission capabilities with field-expendable practicality, giving commanders low-signature, continuous overwatch where traditional assets cannot operate.

KEY SPECIFICATIONS

ENGINEERED FOR MISSION PERSISTENCE



MTOW: <12kg

Backpacked mobility for rapid deployment in remote terrain



Category: Small (DGCA)

Structured compliance matching elite enterprise drone safety frameworks



Endurance: 120 min

Double the flight time for unbroken corridor data



Range: 10-30 km

Extended telemetry coverage over vast linear asset pipelines



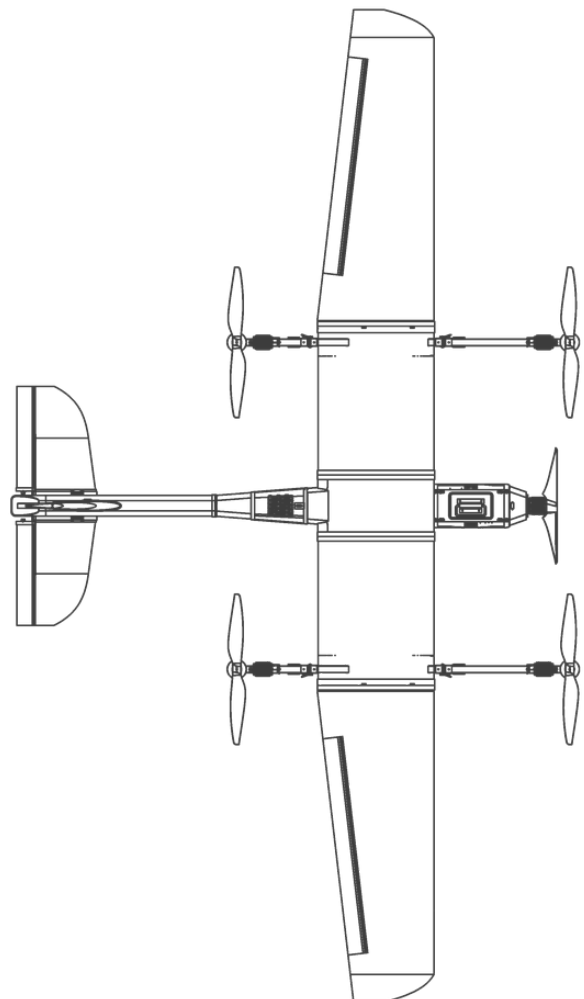
Wind Tolerance: 14 m/s

Superior stability during unpredictable coastal and mountainous weather



Payloads: 6+ Interchangeable

Cold-swappable sensor bays for dynamic multi-mission profiles





PAYLOAD VERSATILITY

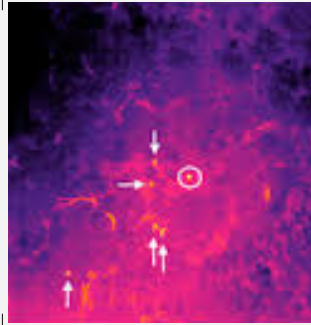
MODULAR SENSING. SINGLE PLATFORM VERSATILITY.

Electro-Optical / Infrared



Continuous thermal imaging and high-definition target tracking

Signals Intelligence



Passive interception and location of adversarial communication nodes

Communications Relay



Extends command networks across complex terrain and denied airspace

MISSION PROFILES

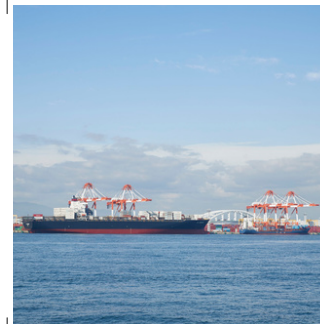
BUILT FOR CONTESTED AND HIGH-RISK OPERATIONS



SIGINT COLLECTION



BORDER SURVEILLANCE



MARITIME PATROL



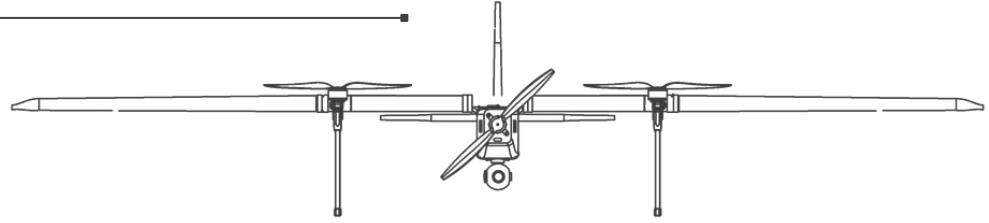
TACTICAL RECONNAISSANCE



COMMUNICATIONS RELAY



VECTOR VTOL



Vector VTOL is a long-endurance, tactical fixed-wing platform engineered for persistent ISR operations in high-risk environments. It combines the multi-hour, power-saving efficiency of a high-performance fixed-wing aircraft with the flexibility of a hand- or catapult-launched system, delivering an exceptional 120 minute flight time while eliminating the need for runway infrastructure.

TECHNICAL DATA SHEET

UAV Specifications	Value
Operating Altitude	400 ft AGL
Cruise Speed	24 m/s
Maximum Take-off Weight	12 kg
Battery	20000 mAh
Maximum RPM	10075 RPM
Dimensions	2870x1640x635 (mm)
Flight Time	120 Minutes
IP Rating	IP 53
Wind Resistance	Up to 14 m/s
Operational Conditions	
Temperature	-15°C to 45°C
Flight Range	5 Km
Compatible Payloads	
	RGB Surveillance 10x Zoom
	Multispectral 5-Band / NDVI
	Thermal Imager Radiometric + Zoom
	Oblique Camera
	LIDAR
	RGB Survey 24 MP

OPERATOR VALUE



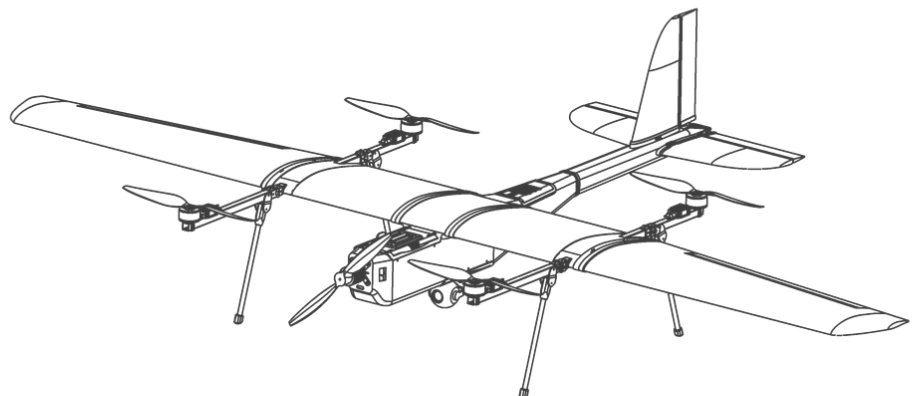
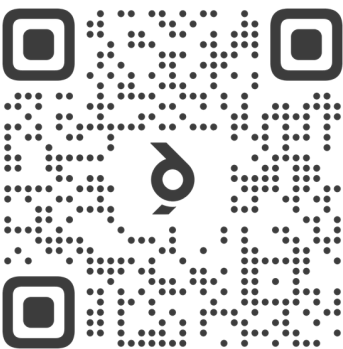
HIGH-VALUE INTELLIGENCE. ATTRITABLE SECURITY.

In modern conflict and border security environments, loss of high-cost ISR assets is unacceptable. Vector VTOL balances high-spec military payload delivery with an expendable platform design—ensuring defense forces, border guard agencies, and tactical units maintain continuous intelligence superiority at a fraction of traditional operational costs.

TACTICAL INTELLIGENCE, DEPLOYMENT-READY.

RIGOROUSLY TESTED,
BUILT FOR CONTESTED

Indrones Vector VTOL delivers long endurance, modular payloads, and runway-independent flexibility into one mission-critical platform.



RUGGED AIRFRAME.
MODULAR SENSING.

REQUEST A DEMO

TALK TO APPLICATIONS TEAM

EXPLORE PAYLOAD OPTIONS