

DRONE
NIVO V2

Industrial Drone for Professional Aerial Surveying

The NIVO V2 VTOL (Vertical Takeoff Landing) is a cutting-edge UAV (Unmanned Aerial Vehicle) designed to deliver high-precision aerial surveying and mapping solutions. Built with advanced flight technology, this drone is engineered to meet the demands of professional surveyors, engineers, and geospatial experts. Its efficient flight system, combined with superior data capture capabilities, makes the NIVO V2 VTOL the ideal choice for a wide range of industries, from land surveying and agriculture to construction and infrastructure monitoring.

Key Features

High-Precision Data Capture

The NiVO V2 is equipped with a high-resolution camera and advanced sensors, allowing for accurate topographic mapping and aerial imagery with exceptional detail.



Long-Endurance Flight Time

With its optimized flight system, the NiVO V2 VTOL can operate for extended periods, ensuring maximum coverage and data collection efficiency during each mission.



Autonomous Flight Modes

Pre-programmed flight paths and autonomous navigation features allow users to carry out complex surveys with minimal manual intervention, increasing operational efficiency.

Durable and Lightweight Design

Built with durable materials, the NiVO V2 VTOL is lightweight and resilient, capable of withstanding various weather conditions while ensuring stable and reliable performance.

Easy Operation and Deployment

The user-friendly control system and seamless integration with mobile apps make the NiVO V2 VTOL easy to deploy and operate, even for users with limited experience.

Sensors

Support multiple payload for mapping and inspections



24 Mp Camera



42 Mp Camera



61 Mp Camera



Landcam Multispectral



GeoLiDAR ALS

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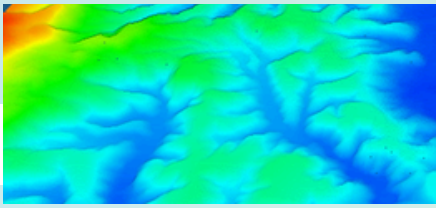
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Industrial Drone Mapping NiVO V2

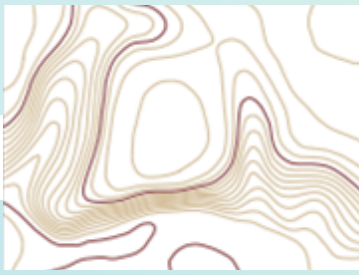
NIVO V2 VTOL, technology equipped with the GNSS PPK System which produces data with a high degree of accuracy. Designed for maximum monitoring and mapping work in various fields such as plantations, forestry, urban areas, and other infrastructure

Technical Specification

Body	Wingspan	1880 mm
	Material	Epo Fiber
	Propeller	1380 & 1450
Unit Performance	Endurance	+-60 Minutes
	Speed Mission	17 m/s
	Coverage Area	200-500ha / Flight
	Takeoff weight	5500 gram
	Payload	1200 gram
Power	Battery	Li-ion Pollymer 22.2 V
	Capacity	12000 mAh
Sensor Support	Radius Telemetry	10 Km
	Camera RGB	24.3 MP *default RGB
	NDVI	Landcam Multispectral
	Ground Sampling Data	Up to 2 cm/pixel
GNSS PPK/ RTK System	Flight Planner	QGC or Mission Planner
	GNSS Type	Dual Frequency
	Accuracy absolute	Horizontal : 10 cm Vertical : 15 cm
TKDN *(Tingkat Komponen Dalam Negeri)* **Certificate**		> 25 %







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