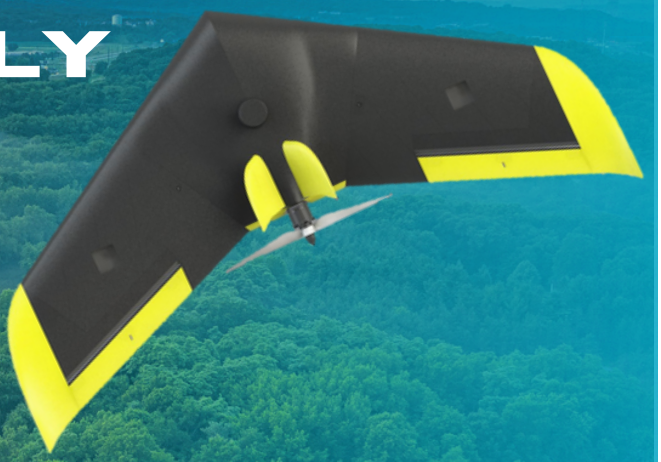
DRONE
NIVO V1 AEROFLY

Precision Drone for Professional Aerial Surveying

The NIVO V1 FlyWing 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 V1 FlyWing 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 V1 Flywing 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 V1 Flywing 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 V1 Flywing 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 V1 Flywing easy to deploy and operate, even for users with limited experience.

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Unmanned Aerial Vehicle NiVO V1

NIVO V1, 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	109 cm
	Material	Carbon Composite
	Propeller	1100 (11x40)
Unit Performance	Endurance	30 Minutes
	Speed Mission	15 m/s
	Coverage Area	100ha /Flight
	Takeoff weight	1200 gram
	Payload	200 gram
Power	Battery	Li-ion 14.8 Volt
	Capacity	5000 mAh
Sensor Support	Radius Telemetry	10 Km
	Resolution Camera	20 MP *default RGB
	GSD	Up to 3 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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