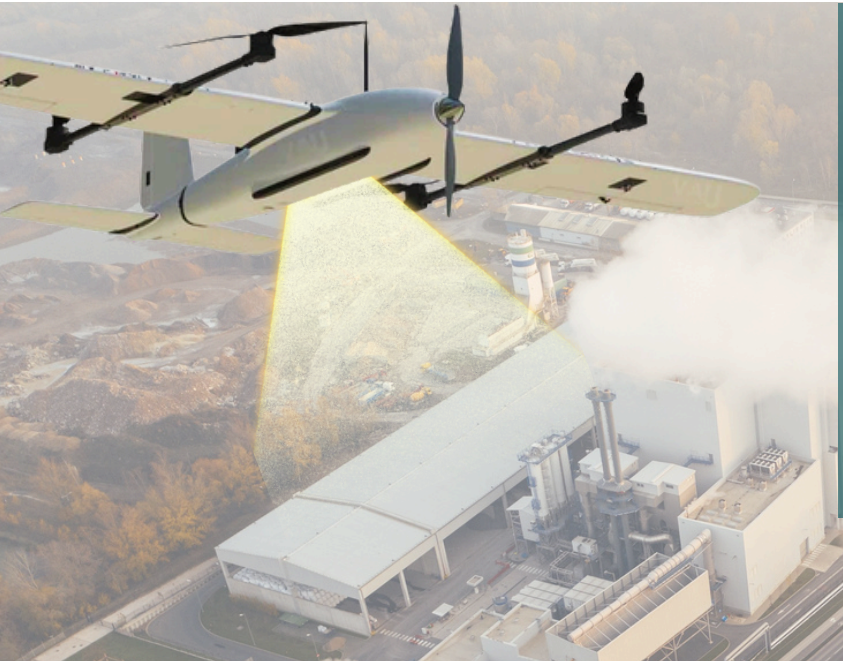


NIVO V5 PRO

Industrial Drone for Professional Aerial Surveying

The Nivo V5 Pro is a high-precision measuring instrument equipped with advanced technology and a quality optical system, ensuring accurate angle and distance measurements. It is designed for a variety of construction and surveying applications.

Additionally, the Nivo V5 Pro supports the use of various sensors, such as cameras, Lidar, and thermal cameras, providing flexibility to meet specific measurement needs. This device offers reliability and efficiency in a wide range of field conditions.

Key Features

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.

VTOL TECHNOLOGY

RTK/PPK GNSS POSITIONING

CAMERA/ LIDAR/ THERMAL

High-Precision Data Capture

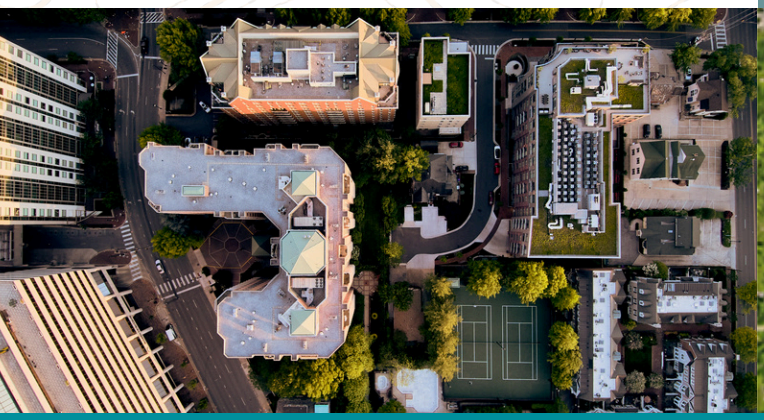
The NiVO V2 is equipped with a high-resolution camera and advanced sensors, allowing for accurate topographic mapping and aerial imagery with exceptional detail.

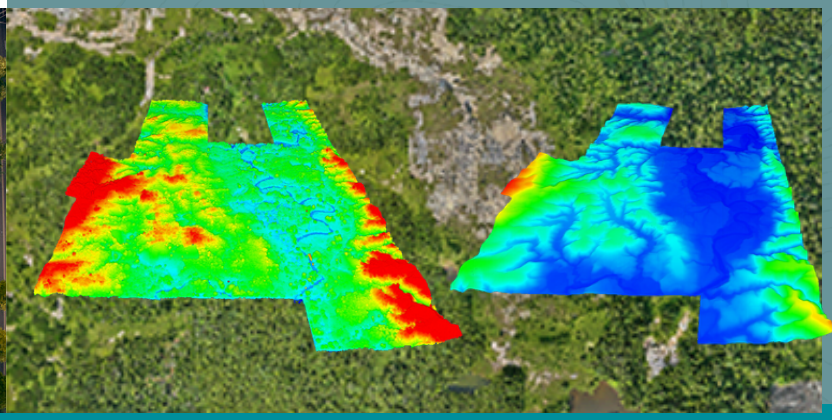
Long-Endurance Flight Time

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.





Pamularsih Street, No. 152B, Sinduharjo, Ngaglik, Sleman, Special Region of Yogyakarta 55581, Indonesia

info@technogis.co.id

www.technogis.co.id

technogis.idn

PT Techno GIS Indonesia

+62 813-2552-3979

(0274)885879

Industrial Drone Mapping NiVO V5 PRO

NIVO V5 VTOL, technology equipped with the GNSS PPK System which produces data with a high degree of accuracy and compatible with more sensor for mapping or inspection. Designed for maximum monitoring and mapping work in various fields such as plantations, forestry, urban areas, and other infrastructure

Technical Specification

Body	Wingspan	2430 mm
	Material	EPO, EVA, carbon fiber, engineering plastics, etc.
	Propeller Cruise	APC 1912
	Propeller VTOL	1862 Carbon Fiber
Unit Performance	Endurance	90 Minutes
	Speed Mission	17 m/s
	Coverage Area	1000ha / Flight
	Takeoff weight	14.500 gram
	Payload	2500 gram
Power	Battery	Li-ion Pollymer 22.2 V x 2
	Capacity	16000 mAh x 2
Sensor Support	Radius Telemetry	10 Km
	Camera RGB	40 MP
	NDVI	Camera Multispectral
	LiDAR	720.000 point/second
	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 %



Camera Support Inspection*

30x Zoom

1/2.8 inch 2.13MP CMOS SENSOR

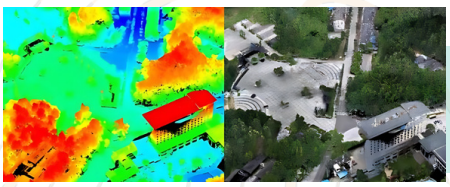
30x optical focal zoom, 4.3-129mm

Thermal Support Inspection*

Un-cooled long wave (8μm~14μm)

640×480

Athermalizing



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technogis.idn

PT Techno GIS Indonesia
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