J-EAGLE

RTK with L1,L2 mode

Error rate of less than ***1cm*** by air survey

Mapping VTOL UAV

Wing length **1986mm**

Maximum Flight Time **90min**

Maximum Flying Distance **110km**

A steering range **20km**

High Accuracy with RTK

Error rate of less than 1cm

(Air Survey, GCP Setting Criteria)

Support L1,L2 mode

2.4Ghz wideband frequency allows remote control (20km)

Complete Flight Control

Vertical take-off landing(VTOL) UAV

No runway, less space constraint

Camera Mount adjustable

By changing the angle of 60° to 90°,
Obtain more DATA

J-EAGLE

A wide range of functions
Wider range
Outstanding accuracy

J-EAGLE is the best VTOL UAV that delivers superior performance and safety.

J-EAGLE is designed to be used in a variety of areas.

Hiper SR

Compact, lightweight, rugged design
Industry-leading technology
Best Multi-Constellation GNSS Board
2GB internal memory
Operate for at least 15 hours
display panel
Network Rover RTK
LongLiNK Rover RTK

Easy and secure operation

It is easy to learn by providing a video manual. It's a UAV that shows the end of safety.

"The VTOL UAV is not a body landing, so it prevents UAV damage."

Amazing Flight Time

J-EAGLE can fly long distances and long distances by switching to gliding mode.

"The specially designed Pusher and Pusher mount provide a long flight time without damaging the fuselage. "

Superior Sensors and Data Results

The J-EAGLE comes with a variety of sensors to collect maximum data in a minimum amount of time.

"With the attachment of a censor with a low error rate, Work more efficiently."

VTOL UAV

The Vertical Take Off Landing System enables you to make the most of your space.

"It's a multi-copter system that combines the benefits of a plane with no runway required."

SAFE a safe system that does not crash

J-EAGLE has the best safety system. In the event of a UAV crash, the UAVs automatically controls its position.

"With unimaginable safety, You can use it longer than other UAVs."

Best S/W

Self-developed software automatically links weather information, magnetic field, etc. so it is convenient.

"Software, with its outstanding visibility and convenience, provides users with safety and convenience."

J-EAGLE Training

Provides a basic curriculum for more complete use.
In addition, video manuals are provided for easier on-site operation.

Camera angle not on existing UAV

The J-EAGLE is equipped with a Mount that can adjust angles of 60 to 90 degrees, not just one angle.

You can collect more DATA.

Best Technology

Meet the best technology with J-EAGLE.
Experience 3D Mapping and Thermal.
It's the best technology in the industry.

Airframe certified by an authorized agency

J-EAGLE is the only gas certified by CE, FCC, KC and RoHS.

Also, it is an authorized gas that has completed the TEST at the KOLAS certification authority.

Use-Case

VTOL UAV in various industries

Surveying & Mapping

Monitoring

Agriculture

Construction

Border monitoring, engineering, mining, environmental monitoring, etc.

Hardware

Wingspan	1986mm
Weight	3.98kg
Motor	Low-noise, brushless, electric
Radio link range	16km
Detachable wings	Yes
Camera options	Colibri-2 & Seeker-30 HD
Accessory options	Radio tracker, ping USB

Ground Control Station

Flight & data management	JOYDRONE's app
Input type	Touch screen & keyboard
Certification	MIL-STD810G, IP65
Communication type	Radio or LTE
Characteristic	Free Mission change
Weight	3.5kg
Size	303.5 x 263 x 60mm
Operating temperature	-29°C to 60 °C / -20 °F to 140 °F

Component of J-EAGLE

J-EAGLE, GCS System, Remote Controller, Battery 1set, Propeller 1set, Charger, Micro 5pin cable, Tool

JOYDRONE

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