ciseed.

UTOMATION DRONE SOLUTION

Best-in-Class VTOL DRONE

& Autonomous flight system



OUR VISION

Future Proof Solutions

Drone is leading the change

Faster, Easier, Better

We strive to create technologies and solutions that help make the transition from traditional drone to aerial robotics effortless.

Our products and services are made to last, and let you stay up-to-date with the most current technologies.

OUR MISSION



Precision Landing (Computer Vision)

Specialized at VTOL Drone Design & Al Analytics Services

aiseed Inc. offers global total drone design and AI-enabled data collection platfrom and services for augmenting your existing in-house program or outsourcing drone design, manufacturing and operations.









aiseed Drone Technology & Solutions





Smart Drone

Connected Drone Product (IoT)

Control Autonomy

Control Station Unmanned Aircraft System & Traffic Management, UTM



Smart Platform

Edge computing Cloud computing 5G network

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VTOL autonomous aerial vehicle

Vertical take-off and landing aircraft

Ground control system application software for windows

Vehicle equipped sensors; GNSS, magnetometer, IMU, Pitot tube, barometer

1.5kg - 5 kg payload delivery capability

Replaceable smart battery x2

Long range radio telemetry

VTOL UAV

3-6kg playload

aiseed's VTOL designed for delivery mission, have high wind resistance with two mode for both in the air and on the ground purpose



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VTOL

3-6KG PLAYLOAD

Fixed - Wing mode

Flight Speed Default cruise speed : 20 m/s Max cruise speed : 38 m/s

Climb Speed in Mission Climb rate : 3.0 m/s Descent rate : 3.0 m/s

Flight Time / Flight Altitude Max flighting time : 90 mins Max altitude : 3000 m AMSL

Maximum Wind Resistance **During flight : 20 m/s**





Multitotor mode

Flight Speed

Default cruise speed : 5 m/s Max cruise speed : 15 m/s

Climb Speed in Mission Climb rate : 2.5 m/s Descent rate : 2.5 m/s

Flight Time / Flight Altitude Avg hovering time : 15 mins Max altitude : 2000 m AMSL

Maximum Wind Resistance Take-off and landing : 10 m/s Delivery slow drop : 8 m/s



— Total 6.8 kg

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Max Payload 6 kg Drone Camera with AI (optional)

Specifications Overview

Drone Type		Vertical take-off and landing airplane
Dimension		200 x 92 x 56 cm (W x L x H) 6.8 kg empty 8.4 kg with replaceable smart battery 6 kg
Weight		
Max Payload		
Drone Battery		Lithium-Polymer 22.2V @ 15Ah
Sensor		GNSS, Magnetometer, IMU, Pitot Tube, LiDAR Reat-time kinematic sensor (Optional)
Radio / Telemetry		1 x RC-radio (2.4 GHz)
		1 x Cellular Telemetry
		Encrypted ground control software
Ground Station		10X optical zoom gimbal camera
Surveillance camera		30X zoomEO/IR camera with object tracking (Optional

Edge Computing

Improve response times Save bandwidth

Artificial Intelligience

Reinforcement learning Deep learning

4G / 5G Connectivity

Wide bandwidth Low latency

Computer Vision

Obstacle avoidance Collision prevention Precision landing

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Autonomous Drone Technology

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OUR VISION (

Our goal is design the most simple commercial drone system, product and application that allows any size companies can use them without professional training and pilot licence WHO WE SERVE 📑 🗊

GIU

AiSeed delivers the best of vehicle choice for the future new local commerce model ENERGY EFFICIENCY

Light energy-efficient design enables the drones to fly up to 100 km/h, driven entirely by an all-electric power system with zero carbon emissions







