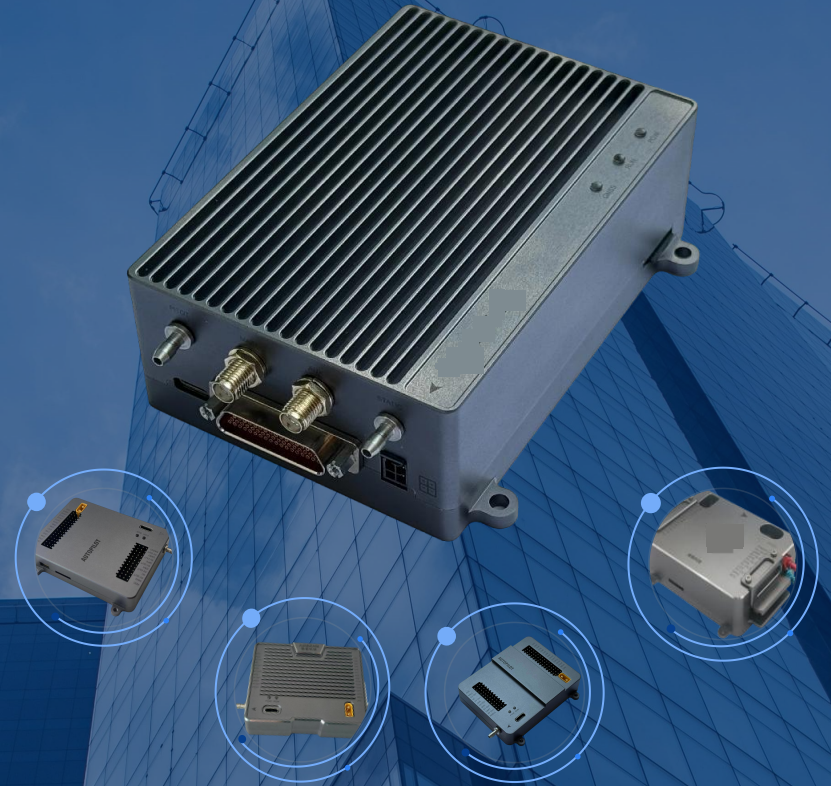


China MoneyPro Autopilot Fight controller systems

China MoneyPro is one of China's earliest high-tech enterprises specializing in the R&D and industrialization of UAV autonomous flight systems, and it has obtained Double Software Certification. Focused on independent innovation of core technologies, the company holds numerous invention patents, utility model patents and software copyrights, forming a complete intellectual property system covering all core UAV technologies.

As a full-stack solution provider for industrial UAV core systems, Jizhi Technology has built a comprehensive product portfolio consisting of flight control systems, inertial navigation systems and high-precision satellite positioning systems. Our products are widely deployed across diverse sectors including emergency rescue, security inspection, geographic surveying and mapping, low-altitude logistics, CAAC pilot training and military applications, compatible with mainstream aircraft platforms such as fixed-wing UAVs, compound wing UAVs, tiltrotor UAVs and loitering munitions.

With over a decade and dozens of product iterations behind its UAV flight controllers, Jizhi Technology pursues ultimate product reliability. Our mature, stable products deliver an outstanding human-machine interaction experience and have won wide recognition across the industry, establishing us as a renowned flight control solution supplier within the UAV industrial chain.



Development History

2011

Established a team to develop drone flight control

2013

Developed drone flight control and unmanned inspection systems, earning the first prize at the National Challenge Cup Science and Technology Competition.

2014-17

Released multiple 'Prophet' series fixed-wing drone products

2018

Established MoneyPro Technology, focusing on flight control systems, primarily applied in the field of geographic information.

2020-21

The flight control is applied to CAAC training, reconnaissance inspections, medium and large-scale oil-powered vertical take-off, and composite wing flight control systems.

2022

The company specializing in swarm formation flight control systems has been designated as both a high-tech enterprise and a 'Double Software' certified company.

2023

Flight control systems for various sizes of cruise missiles

2024

Emergency flight control systems and long-distance low-altitude logistics solutions

CLASSIC

MOPA2: Low-cost loitering munition
MOPA2T: Guided loitering munition
MOPA2PRO: Medium and large loitering munitions
MOPA3: General-purpose aerial surveying
MOPA3S: CAAC training examination
MOPA3pro: Reconnaissance and inspection
MOPA4: General-purpose oil engines

NEW BREAKTHROUGH

MOPA5: High reliability, high integration
MOPA5 PRO: Integrated high-precision inertial navigation

OTHER SERISE

MOPR3 : High-precision differential navigation system
MOPN5: High-precision inertial navigation system

**Breaking boundaries with technology,
guarding the blue sky with responsibility**

We're more than just providers of flight control systems; we're your partners in driving the industry's intelligent evolution. Spanning from algorithms to hardware, and from individual units to coordinated swarms, Our Flight Control ensures every flight with our cutting-edge technology and unparalleled service.

MOPA2

Low-cost Loitering Munition



- Ground/Air-launched from canister
- Withstands 50G overload during launch
- Swarm capability
- Satellite-guided strike (fixed coordinates)
- GPS-denied inertial navigation flight

IMU sensor	1
GPS quantity	1
power supply	8~60V
Environmental temperature for use	-20~+55° C
Built in IMU shock absorber	×
Built in RTK	×
Built in dual antenna direction finding	×
Support pod (guidance head)	×
Support oil engine	×
Airspeed measurement method	Single dynamic pressure
power consumption	<3W
Attitude accuracy	1°
Heading accuracy	2°
Gyroscope measurement range	±450° /S
Acceleration measurement range	±8g
positioning accuracy	2.5m
Accuracy of speed measurement	0.1m/s
Airspeed measurement range	0~100m/s
PWM channel	14
SBUS channel	One input
Voltage monitoring channel	2
Voltage monitoring range	0~60V (Optional high-voltage module)
CAN communication interface	1
Serial port	Four channels of TTL
Ethernet	0
size	82x62x18mm
weight	94g

MOPA2T

Guided Loitering Munition



- Ground/Air-launched from canister
- Withstands 50G overload during launch
- Swarm capability
- EO/Radar seeker compatibility
- High-precision dynamic target engagement
- GPS-denied inertial navigation flight

IMU sensor	1
GPS quantity	1
power supply	8~60V
Environmental temperature for use	-20~+55° C
Built in IMU shock absorber	×
Built in RTK	×
Built in dual antenna direction finding	×
Support pod (guidance head)	√
Support oil engine	×
Airspeed measurement method	Single dynamic pressure
power consumption	<3W
Attitude accuracy	1°
Heading accuracy	2°
Gyroscope measurement range	±450° /S
Acceleration measurement range	±8g
positioning accuracy	2.5m
Accuracy of speed measurement	0.1m/s
Airspeed measurement range	0~100m/s
PWM channel	14
SBUS channel	One input
Voltage monitoring channel	2
Voltage monitoring range	0~60V (Optional high-voltage module)
CAN communication interface	1
Serial port	Four channels of TTL
Ethernet	0
size	82x62x18mm
weight	94g

MOPA2PRO

Medium/Large Fuel-powered Loitering Munition



- Rocket-assisted launch capability
- Compatible with piston/turbine engines
- Withstands 50G overload during launch
- Swarm capability
- EO/Radar seeker compatibility
- High-precision dynamic target engagement
- GPS-denied inertial navigation flight

IMU sensor	3
GPS quantity	1
power supply	8~60V
Environmental temperature for use	-20~+55° C
Built in IMU shock absorber	×
Built in RTK	×
Built in dual antenna direction finding	×
Support pod (guidance head)	√
Support oil engine	√
Airspeed measurement method	Single dynamic pressure
power consumption	<3W
Attitude accuracy	1°
Heading accuracy	2°
Gyroscope measurement range	±450° /S
Acceleration measurement range	±8g
positioning accuracy	2.5m
Accuracy of speed measurement	0.1m/s
Airspeed measurement range	0~100m/s
PWM channel	14
SBUS channel	One input
Voltage monitoring channel	2
Voltage monitoring range	0~60V (Optional high-voltage module)
CAN communication interface	1
Serial port	Four channels of TTL
Ethernet	0
size	82x62x21mm
weight	95g

MOPA3

Aerial Survey Platform



- Orthophoto/DLG/Oblique photogrammetry
- Simplified intelligent mission planning
- Automated layered route planning
- 3D terrain-following flight
- Linear survey area auto-planning
- Flight recovery after power loss
- Comprehensive terrain collision prevention

IMU sensor	1
GPS quantity	1
power supply	8~60V
Environmental temperature for use	-20~+55° C
Built in IMU shock absorber	×
Built in RTK	×
Built in dual antenna direction finding	×
Support pod (guidance head)	×
Support oil engine	×
Airspeed measurement method	Single dynamic pressure
power consumption	<3W
Attitude accuracy	1°
Heading accuracy	2°
Gyroscope measurement range	±450° /S
Acceleration measurement range	±8g
positioning accuracy	2.5m
Accuracy of speed measurement	0.1m/s
Airspeed measurement range	0~40m/s
PWM channel	14
SBUS channel	One input
Voltage monitoring channel	2
Voltage monitoring range	0~60V (Optional high-voltage module)
CAN communication interface	1
Serial port	Four channels of TTL
Ethernet	0
size	82x62x19mm
weight	92g

MOPA3PRO

Reconnaissance/Inspection Platform



specification parameter

- Triple-redundant sensors
- Multi-spectral EO gimbal control
- Target coordinate computation
- Dynamic target tracking/following
- Precision payload release
- AR-overlaid inspection routes

IMU sensor	3
GPS quantity	2
power supply	8~60V
Environmental temperature for use	-20~+55° C
Built in IMU shock absorber	×
Built in RTK	×
Built in dual antenna direction finding	×
Support pod (guidance head)	√
Support oil engine	×
Airspeed measurement method	Single dynamic pressure
power consumption	<3W
Attitude accuracy	1°
Heading accuracy	2°
Gyroscope measurement range	±450° /S
Acceleration measurement range	±8g
positioning accuracy	2.5m
Accuracy of speed measurement	0.1m/s
Airspeed measurement range	0~40m/s
PWM channel	14
SBUS channel	One input
Voltage monitoring channel	2
Voltage monitoring range	0~60V (Optional high-voltage module)
CAN communication interface	1
Serial port	Four channels of TTL
Ethernet	0
size	82x64x20mm
weight	101g

MOPA4

Fuel-powered Systems



- Fuel-powered runway/VTOL platforms
- Triple-redundant sensors
- Multi-engine compatibility
- Auto engine ignition/shutdown
- Engine monitoring (fuel/RPM/temp)
- Mobile deck operations (optional)
- GPS-denied inertial navigation

IMU sensor	3
GPS quantity	2
power supply	8~60V
Environmental temperature for use	-20~+85° C
Built in IMU shock absorber	×
Built in RTK	×
Built in dual antenna direction finding	×
Support pod (guidance head)	√
Support oil engine	√
Airspeed measurement method	Dynamic and stagnation pressure
power consumption	<3W
Attitude accuracy	0.1°
Heading accuracy	2°
Gyroscope measurement range	±450° /S
Acceleration measurement range	±8g
positioning accuracy	2.5m
Accuracy of speed measurement	0.1m/s
Airspeed measurement range	0~220m/s (Optional)
PWM channel	14
SBUS channel	One input
Voltage monitoring channel	2
Voltage monitoring range	0~60V (Optional high-voltage module)
CAN communication interface	1
Serial port	Four channels of TTL
Ethernet	0
size	82x63x28mm
weight	124g

MOPA5

High-Reliability Platform



- Quadruple-redundant MEMS INS
- Built-in sensor temperature control system, enhancing inertial navigation accuracy
- Thermostatted IMU (-40°C operation)
- GPS-denied inertial navigation
- MIL-STD J30 connectors
- Isolated power design
- Comprehensive I/O protection

IMU sensor	4
GPS quantity	2
power supply	12~60V
Environmental temperature for use	-40~+85° C
Built in IMU shock absorber	×
Built in RTK	×
Built in dual antenna direction finding	×
Support pod (guidance head)	√
Support oil engine	√
Airspeed measurement method	Dynamic and stagnation pressure
power consumption	<10W
Attitude accuracy	0.1°
Heading accuracy	2°
Gyroscope measurement range	±450° /S
Acceleration measurement range	±16g
positioning accuracy	2.5m
Accuracy of speed measurement	0.1m/s
Airspeed measurement range	0~220m/s (Optional)
PWM channel	14
SBUS channel	One input, one output
Voltage monitoring channel	3
Voltage monitoring range	0~60V (Optional high-voltage module)
CAN communication interface	2
Serial port	Two channels of RS-233, two channels of TTL
Ethernet	1
size	
weight	

MOPA6

High-Density Integration I 6-DOF INS

- Hexa-redundant MEMS INS
- Vibration-damped navigation core
- Thermostatted IMU (-40°C operation)
- Dual-antenna RTK orientation (0.2° accuracy)
- GPS-denied inertial navigation
- Dual-redundant power supply
- Isolated power architecture
- Full I/O protection

IMU sensor	6
GPS quantity	2
power supply	Two independent channels 12~60V
Environmental temperature for use	-40~+85° C
Built in IMU shock absorber	√
Built in RTK	√
Built in dual antenna direction finding	√
Support pod (guidance head)	√
Support oil engine	√
Airspeed measurement method	Dynamic and stagnation pressure
power consumption	<10W
Attitude accuracy	0.1°
Heading accuracy	0.2° @1mBaseline
Gyroscope measurement range	±450° /S
Acceleration measurement range	±16g
positioning accuracy	1cm+1ppm (RTK)
Accuracy of speed measurement	0.1m/s
Airspeed measurement range	0~220m/s (Optional)
PWM channel	18
SBUS channel	One input, one output
Voltage monitoring channel	4
Voltage monitoring range	0~60V (Optional high-voltage module)
CAN communication interface	2
Serial port	Two channels of RS-232, four channels of TTL
Ethernet	1
size	
weight	

Production Capabilities



- A highly automated production line, advanced production equipment, and strict quality management system ensure the stability and reliability of product quality.



- A complete supply chain and logistics system, capable of quickly responding to customer needs, providing efficient and convenient production services.

Soft Ware



Map navigation



Pod tracking and strike



Flight monitoring



Data replay and export



Data analysis



Remote assistance



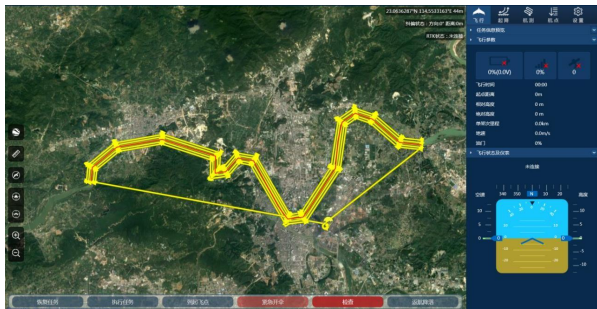
cross-platform compatibility



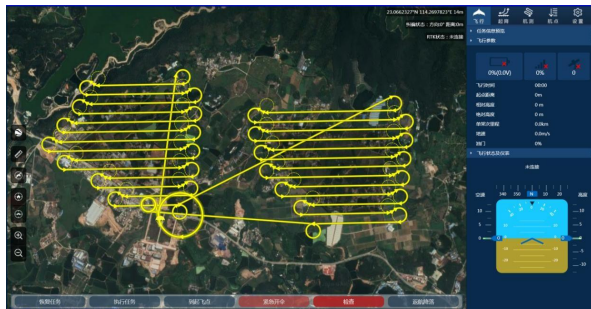
Custom development

The MoneyPro flight control ground station software is a professional flight software developed by our company that can work with all models of flight control systems to realize flight status monitoring, route planning, flight control, and flight management functions. It can real-time grasp the flight dynamics of the drone, record flight data, ensure flight safety, and complete flight tasks. It has the characteristics of a friendly interface, convenient operation, and comprehensive functions.

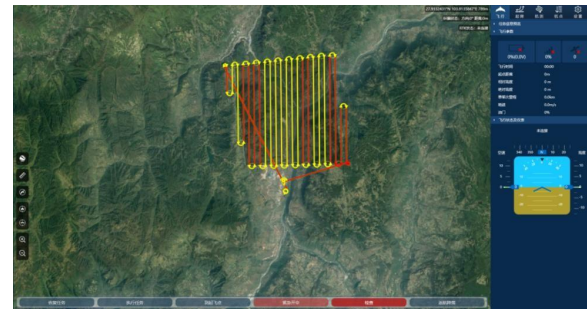
Partial function display



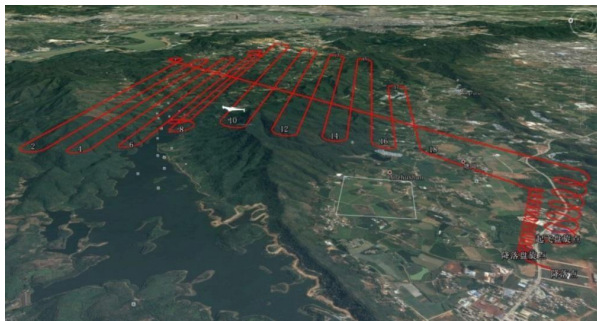
**One-click ribbon
route planning**



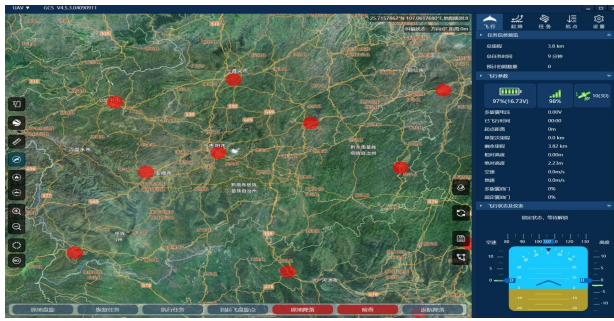
**Multi-region
task planning**



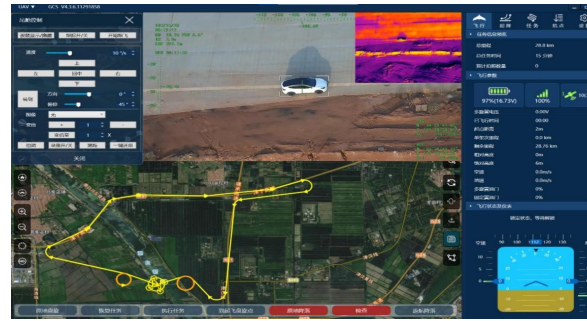
**Near-ground self-
check alarm function**



**Three-dimensional
route display**

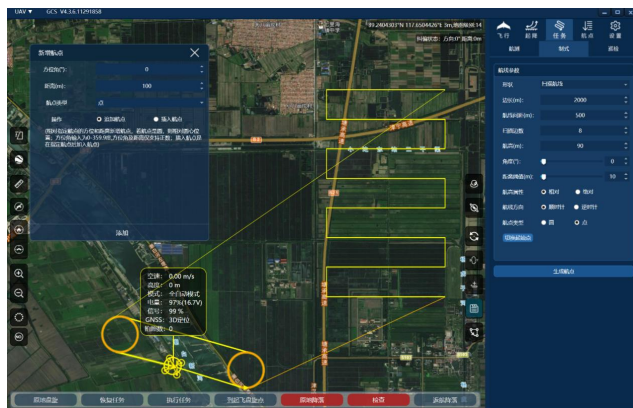
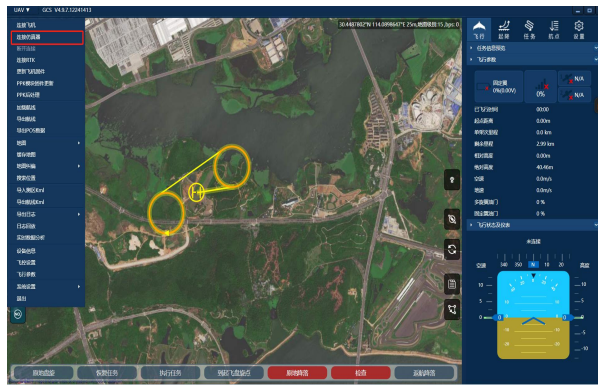


**Global no-fly
zone database**



Dynamic Tracking

Ground Station Simulator



The ground station includes a built-in simulation system, obviating the need for extra hardware. With the MoneyPro ground station, users can master the complete drone operation process, improving their risk avoidance and emergency response skills in real-world scenarios. This feature notably cuts down on corporate training expenses and boosts training effectiveness. It's suitable for individual practice with vertical take-off and landing drones, for pre-sales demos and after-sales training by companies, and for drone instruction at academic institutions and training centers.

Protection mechanism



Link anomaly protection



Emergency landing protection



Positioning anomaly protection



Attitude anomaly protection



Low voltage protection



Altitude anomaly protection



Power failure protection



Electronic fence protection

Upholding the business philosophy of 'customer first, quality first'

This comprehensive range of products includes flight control systems, inertial navigation systems, and high-precision satellite positioning systems. They are extensively used in various sectors such as emergency rescue, security surveillance, geographic mapping, low-altitude logistics, and training programs accredited by the Civil Aviation Administration of China (CAAC). These technologies support a wide array of aircraft types, including fixed-wing, compound-wing, tiltrotor, and cruise missiles.

**Low-altitude
logistics**



**Geographic
surveying**



**Military-industrial
sector**



**CAAC
Training**



**Security
inspectio**



Emergency rescue



MoneyPro

Focused on the
technology industry

15

Years

Invention patent

30+

Cases

Success stories

10000+

Cases

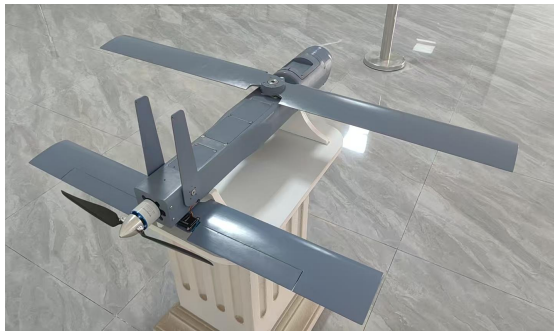
Case sharing



Drone Motorcycle

- Rocket-assisted takeoff \ Fully autonomous runway takeoff and landing.
- Takeoff airspeed 100 m/s.
- Takeoff overload 20G.
- Range 1000 kilometers.
- Carry 50 kilograms of payload.
- Traveling at roughly 200 kilometers per hour.
- Supports GPS-free pure inertial navigation flight for 10 minutes.

Case sharing



Loitering Munition

- Ground and aerial launch tube launch
 - Can withstand 50G overload at the moment of launch
 - Supports formation flying
 - Supports video guidance head \ radar guidance head
- High-precision guidance for dynamic targets
- Low-cost pure satellite navigation for fixed-point strikes
 - Supports GPS-free pure inertial navigation flight

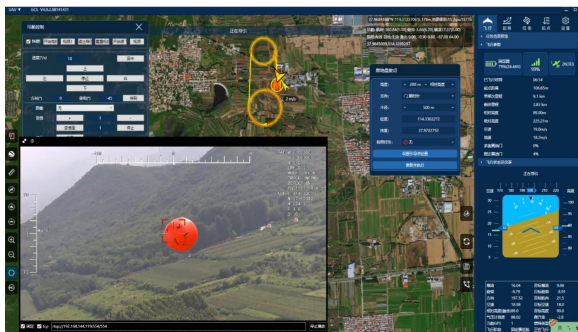
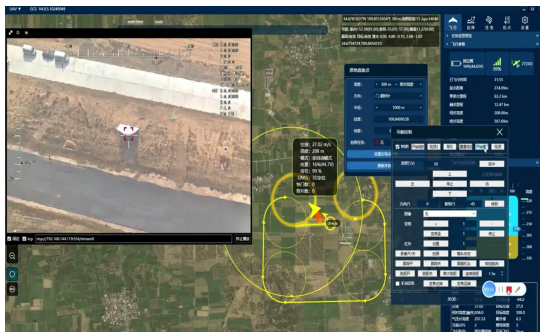
Case sharing



Shipborne Landing

- Capable of taking off and landing on moving ships, resistant to wind and waves, and possessing high-precision landing capabilities
- Integrated with reconnaissance, strike, and communication relay functions
- Adapts to complex sea conditions, enhancing the combat effectiveness of ships

Case sharing



Reconnaissance-Strike Integration

- Supports multiple mainstream electro-optical pods
- Can calculate and output target coordinates
- Follows and tracks targets during flight
- Supports suicide attacks
- Supports precision bombing
- Accurately strikes moving aerial or ground targets, enhancing combat effectiveness and mission success rate.

Case sharing



High-speed Drone

- Subsonic Turbojet High-Speed Target Drone
- 300 m/s airspeed
- Can simulate real target characteristics
- Used for weapon testing, training, and evaluation, supports multiple mission scenarios, enhances the efficiency of combat system verification

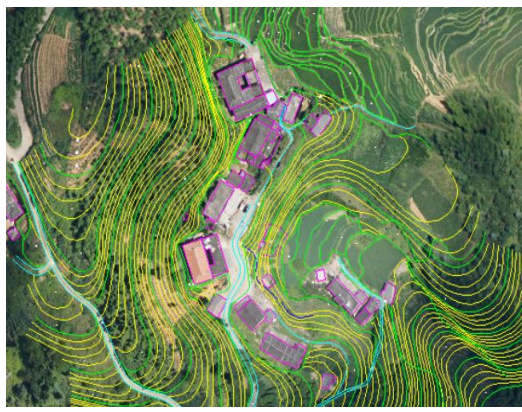
Case sharing



Logistics Transportation

The land journey from Panzhihua city center to Gonghe Township typically takes 5 hours, predominantly on winding mountain roads, making it highly inconvenient. Utilizing a drone integrated with the MoneyPro flight control system, a direct flight path was established between two points, A and B, with take-off and landing occurring in separate locations. This drone delivery covered a one-way distance of approximately 66 kilometers and was completed in just 40 to 50 minutes.

Case sharing



Geographic Information Mapping

- Orthophoto, oblique photogrammetry
- Capable of terrain-following flights, automatic elevation zoning, and one-click mission planning
- Processed Kinematic (PPK) technology for high precision without the need for phase control.

Case sharing



Highway inspection

The MoneyPro flight control system is utilized for drone-based highway inspections, capable of rapidly covering extensive areas. It facilitates the real-time transmission of high-definition imagery, thereby reducing the risks associated with manual inspections and enhancing both the efficiency and safety of the inspection process.

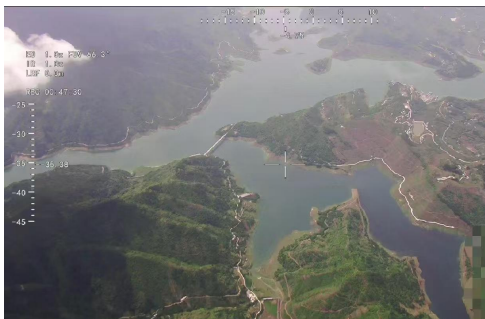
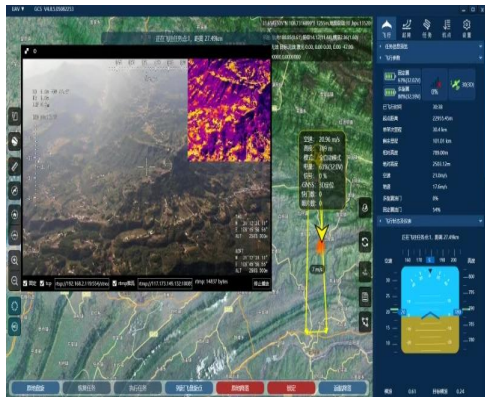
Case sharing



Police security

Police drones equipped with advanced technology can efficiently and rapidly handle emergency rescue, land search and rescue, emergency tracking, and on-site evidence collection in complex terrain, aiding law enforcement in managing urgent, challenging, and high-risk situations.

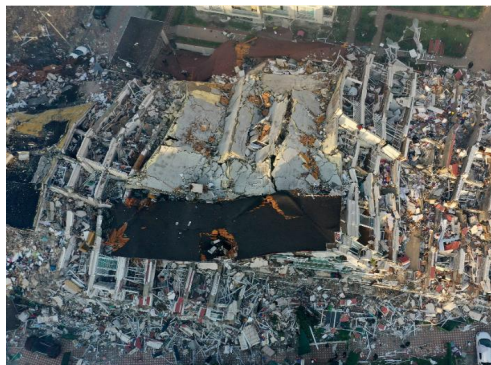
Case sharing



Forest Inspection

- Real-time transmission of high-definition video and thermal imaging data to the command center.
- Accurately monitor fire situations and pest infestations, significantly enhance inspection efficiency, and effectively safeguard forest resources and ecological security.

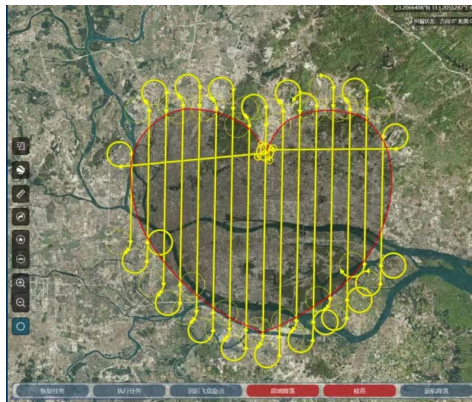
Case sharing



Emergency rescue

- Emergency rescue, emergency communication support.
- 200KG class oil-powered vertical take-off and landing composite wing.
- Integrated with satellite communication, data relay links, and electro-optical pods, it provides real-time transmission of natural disaster site conditions to the command center.

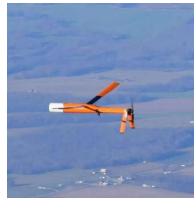
Case sharing



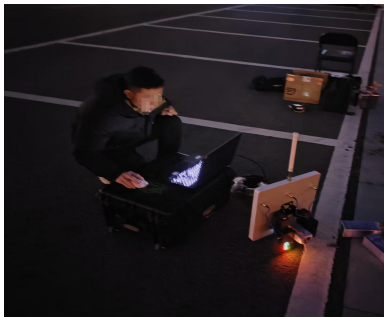
CAAC License Training

This system is extensively employed in drone pilot licensing training and exams organized by the Civil Aviation Administration of China (CAAC). Its user-friendly ground station, accompanied by a complimentary flight simulator and tailored features for exam preparation, has earned it high praise from leading drone training establishments!

Some adapted drones



Customer Support



On-site Technical Support

Our engineers provide one-on-one on-site technical support, including installation guidance, parameter adjustment, and troubleshooting. If you require on-site support, please contact your account manager, who will arrange for a technical engineer to assist you.

Custom Development Services ODM OEM

Special services include custom flight control development, ground station customization, hardware model customization, and contract manufacturing.

Remote Technical Support

Our support engineers can analyze real-time flight data, adjust parameters, and assist with operations remotely through the built-in remote support feature of the ground station software.

Customer Training Services

Our technical engineers offer personalized customer training to help you master flight control installation, ground debugging, ground station software operation, and route planning, enhancing your ability to utilize our products effectively.

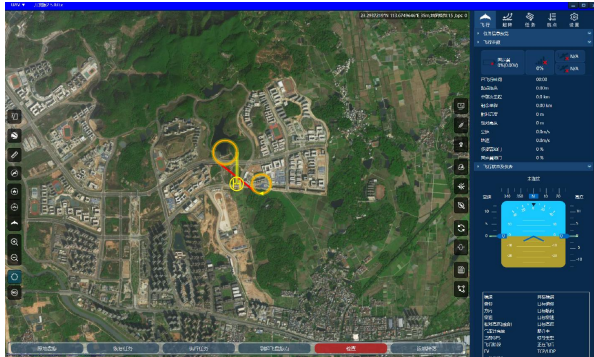
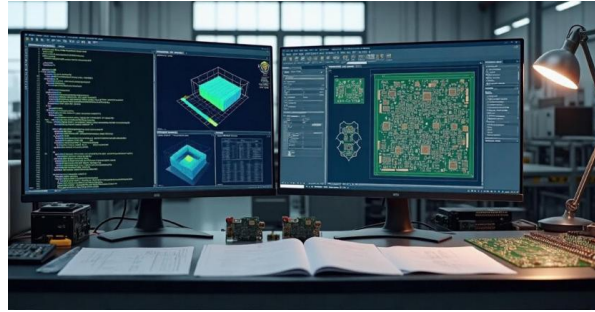
Return-to-Factory Repair Services

Our after-sales maintenance engineers provide professional and rapid product inspection, troubleshooting, and repair services.

Software Update Services

Our technical engineers offer software update services for ground station software and flight control system firmware.

Customization



ODM OEM

- Custom flight control development
- Custom ground station development
- Custom hardware model development
- Special services such as contract manufacturing

Export Control Compliance Statement

Our company strictly complies with all laws and regulations of the People's Republic of China governing the export of dual-use items. All inertial measurement units, fiber optic gyroscopes and related products are subject to export control, and the compliance rules we implement are as follows:

1. Delivery Restriction: We only provide domestic delivery within Chinese mainland and do not supply goods for direct overseas export.
2. Export Procedure: If overseas buyers need to ship the products abroad, they must entrust qualified domestic enterprises holding valid Dual-Use Item Export Licenses to complete full customs and licensing formalities in full compliance with regulatory requirements.
3. Usage Restriction: Products without legal export approval can only be purchased and used legally within Chinese mainland. Unauthorized transshipment or smuggling out of the country is strictly prohibited.
4. Liability Clause: Any act of evading supervision such as unauthorized export or order splitting shall incur full legal liabilities borne solely by the buyer. Our company reserves the right to suspend or reject such orders.

www.moneyprouva.com

sales@moneyprouav.com