

Walkera Police drone products

www.walkera.com

April, 2023

企业简介

智造无限可能
Intelligence makes it possible

Guangzhou Walkera Technology Co., Ltd. is a company specializing in UAV R&D, A high-tech enterprise integrating production, sales and technical services; products are widely used in police security, fire rescue, agricultural plant protection, inspection and reconnaissance, remote sensing mapping, power inspection, maritime rescue, and intelligent swarm flight, unattended and other fields.

The company was established in 2001 and is located in the Guangdong-Hong Kong-Macao Greater Bay Area—Guangzhou Nansha Economic Development Zone. It covers an area of 30,000 square meters. Walkera UAV is completely independently owned and has passed ISO9001, ISO14001, ISO45001 and other international quality, environment, occupational safety and other system certifications; after more than 20 years of technology accumulation and precipitation, Walkera has become the world's leading intelligent unmanned provider of aircraft system. The company has obtained more than 300 invention patents, utility model patents and software copyrights at home and abroad. Walkera drones are sold worldwide and have been widely used in government and enterprise units in more than 30 countries including North America, Europe and the Middle East.

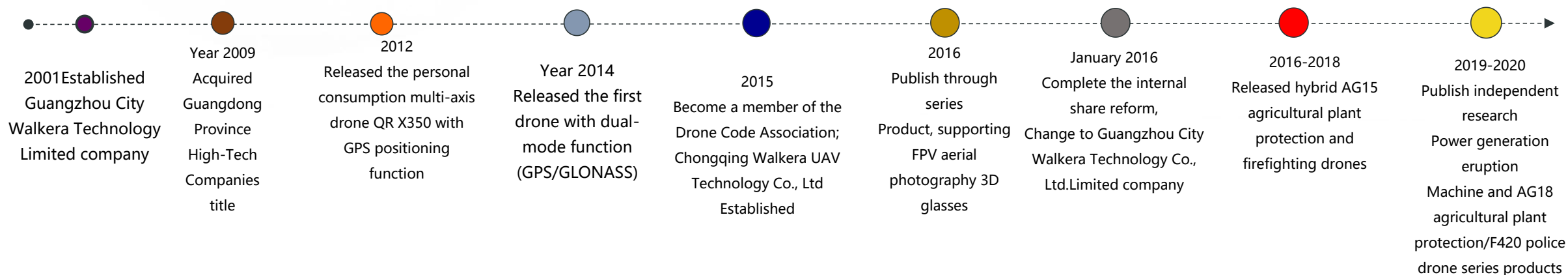
Walkera people will continue to uphold the craftsman spirit of "professionalism and focus", continue to innovate and surpass, serve the world, and intelligently create infinite possibilities!

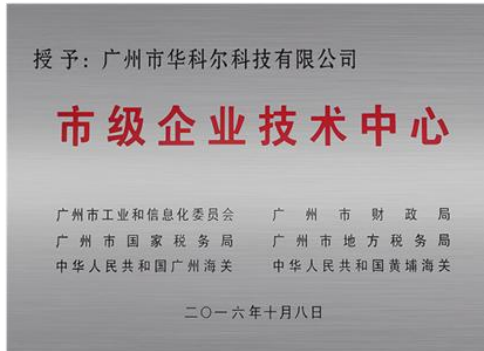


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After years of development, Walkera has formed a complete ecological chain integrating R&D, production and sales. The corporate brand has gained a high reputation and influence in the world. At the same time, Walkera's industrial layout expanded to domestic and foreign, further consolidating its market share.





- Global Top 50 UAV Companies
- high-tech enterprises
- Guangdong Province Innovative Pilot Enterprise
- Guangdong Engineering Technology Research Center
- Civil Unmanned Aircraft Operation Permit
- Guangdong Province Independent Innovation Demonstration Enterprise
- Guangzhou Municipal Enterprise Technology Center
- Guangzhou Municipal Industrial Design Center
- Guangzhou Enterprise Research and Development Organization
- China's top ten innovative drone brands
- China's top ten drone brands
- Contract and trustworthy unit



2020 Walkera Global Top 50 UAV Companies



2020 Top Ten Innovative UAV Brands-Emergency Rescue



2020 UAV System Industry Golden Wing Award Technology Leader

In 2020, Walkera won the honors of "2020 Walkera Global Top 50 UAV Companies", "2020 Top Ten Innovative UAV Brands Emergency Rescue", and "2020 UAV System Industry Golden Wing Award for Technology Leadership" and other honors.



ISO9001Quality management system certification



ISO14001Environmental management system certification



ISO45001Occupational health and safety management system certification

Guangzhou Walkera UAV has successively passed ISO9001, ISO14001, ISO45001 and other international quality, environment, and occupational safety management system certifications.



ZHUN(WK-1500)



V1100



QL 1800



AG18 RTK

a number of patented technologies

The company was established with all independent intellectual property rights. At present, it has obtained 50 authorized invention patents, 16 overseas invention patents, and about 200 utility model patents and soft works.

Police certification

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In March 2017, the star product Voyager 4 of Guangzhou Walkera Technology Co., Ltd. was officially certified by the Testing Center of the Ministry of Public Security. In July 2020, the Guangzhou Walkera F420 police drone product was certified by China Saibao Laboratory Testing Center.

- Test item category:
- Main technical parameter inspection
- Flight performance inspection
- Powered flight device inspection
- Takeoff/landing performance inspection
- Stability work inspection
- Radio control radius inspectionFlight control system flight inspection
- Fuse inspection of airborne electronic and electrical equipment
- Flight operation performance test of ground control station
- Stealth test
- Support and maintainability inspection
- Out-of-control protection inspection
- Autonomous flight inspection
- Reliability test
- Electrostatic discharge immunity test
- Radio frequency electromagnetic field radiation immunity test



Voyager 4

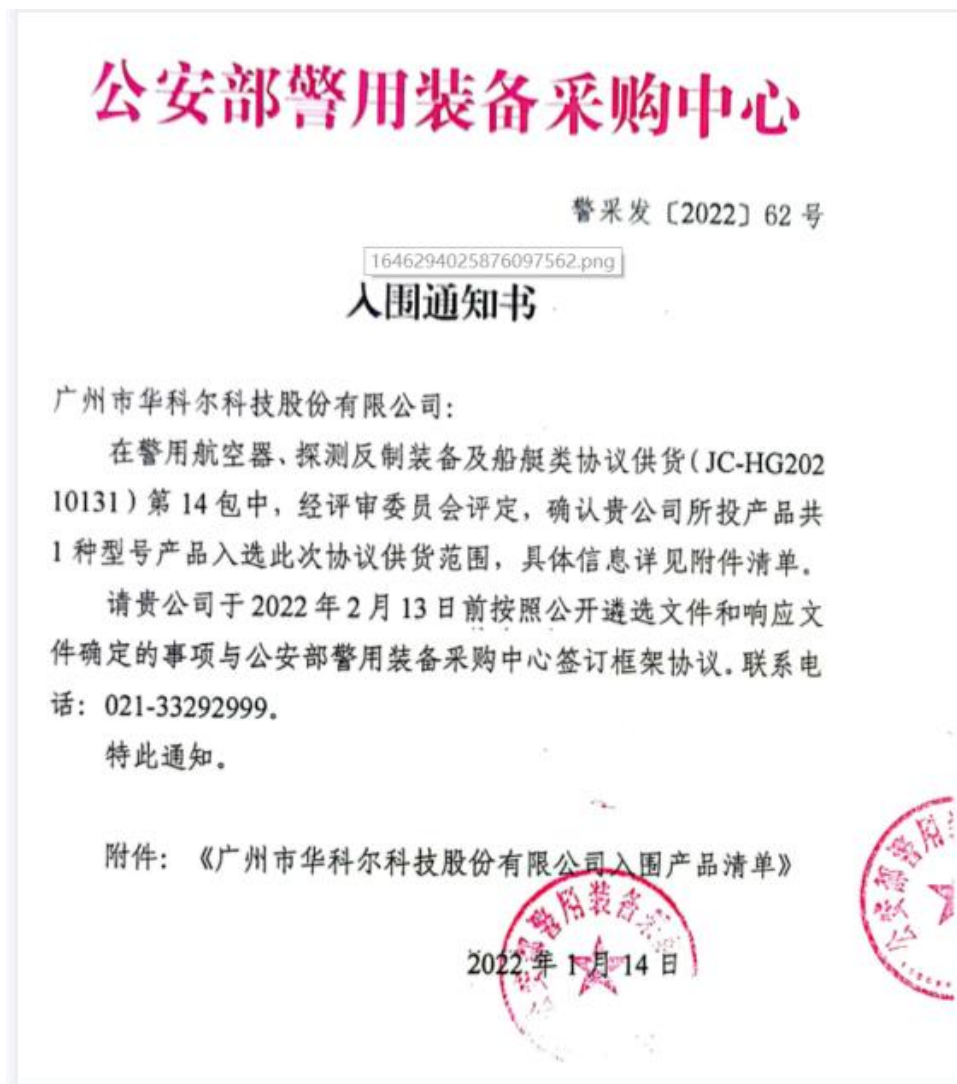


F420

Remarks: National security and police electronic product quality inspection report.

Shortlisted Ministry of Public Security police collection platform

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At present, a number of UAV products have been listed in the police collection platform of the Ministry of Public Security



检测报告 TEST REPORT

委托单位：广州市华科尔科技股份有限公司

产品名称：T210 Mini多旋翼无人机

报告编号：YJTS16721940923111

检验类别：委托检验



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Walkera T210 mini detect drone obtained UAV CNAS detection report

Police UAV

Police UAV patrol is mainly used in the air patrol of the jurisdiction. The UAV is equipped with video surveillance equipment, and quickly carries out security patrol tasks from the air to the ground, and sends the shooting pictures back to the command center in real time, so as to efficiently complete the security monitoring task.



Voyager 4



F420



V1100PRO



R1000

012 Police UAV

012 police collection platform



**Reconnaissance UAV
T210 mini(249g)**



**Reconnaissance UAV
R500(Dual lens+Speaker)**



**Police Patrol Drone
R1000 (3-lens)**



**Police Transport Drone
V1800 (20kg payload)**

012 Police UAV

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012 Police UAV The police UAV series has been installed on 012 police collection platform



公安部警用装备采购中心
电子卖场交易平台

商品

店铺

华科尔

警采频道

首页需求快讯网上竞价展示推荐最新通知

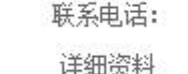
找到相关店铺 1 家

默认排序 销量↓ 信用



广州市华科尔科技股份有限...
联系人：罗强
联系电话：
详细资料

好评率 0.0% 销量 14 共 6 件商品



Walkera Intelligent Following UAV Technology

In 2019, Walkera pioneered the intelligent Following UAV technology, enabling the drone to takeoff, landing and high-speed following on a mobile platform. At present, this technology has been widely used in the scene of police, military and maritime patrol.

Intelligent following flight allows the UAV to quickly follow the intelligent patrol of the moving car, and can take off and land safely from the car, which is more convenient for the police to move patrol.



Walkera Intelligent Following UAV Technology Application

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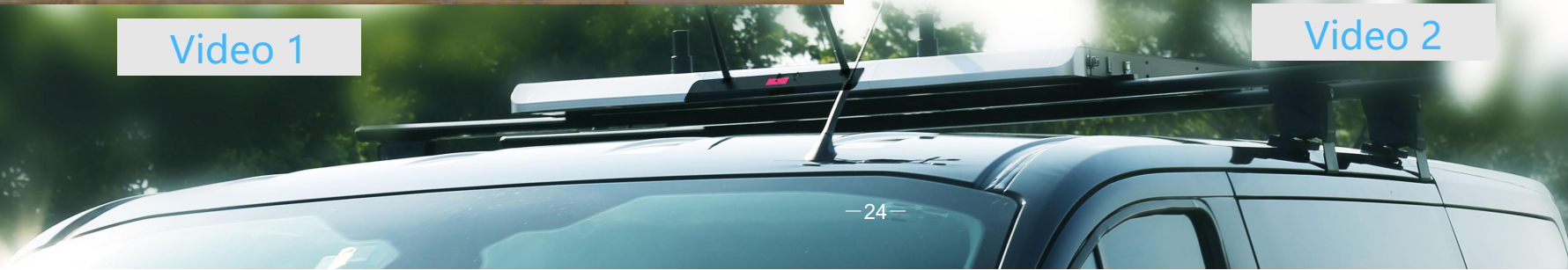
未来战场 “杀手铜” | 长安军工 | 央视频



Video 1



Video 2



R1000 RTK Police Drone

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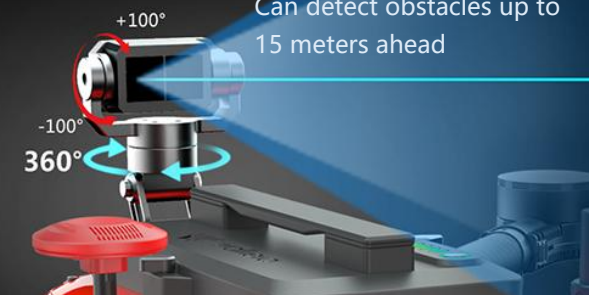
Network RTK | 50minutes flight time | 10KM Video | IP54

R1000 RTK Adopt new modular quick disassembly structure, four-axis folding arm design; The dual magnetic compass supports mutual backup and adopts redundant power signal design to ensure flight safety. The GNSS+ grid RTK double redundancy system brings centimeter-level positioning accuracy and supports omnidirectional obstacle avoidance, making the operation safer. The R1000 RTK has a long flight duration of 50 minutes and can carry a maximum load of 5kg.



360° Omnidirectional obstacle avoidance

Can detect obstacles up to 15 meters ahead



35 Times Zoom Camera



Dual lens thermal camera



Speaker



Spot light



Thrower

■ R1000 RTK Police Drone+ Mechanical Released System

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R1000 RTK Police Drone+ Nest+5G

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Fully Automated Drone Nest for Vehicles

Walkera Automated Vehicle-mounted nest can realize automatic unattended, remote automatic inspection. Save labor cost, simple and easy to control, fast response, improve 3~4 times of the operation efficiency.

Full automatic patrol inspection

Realize full-automatic /mobile precise take-off and landing, automatic cruise, timed cruise, accurate replay, support real-time video return, and meet the high-frequency, continuous and normalized patrol inspection operation of UAV.

Fully automatic mobile take-off and landing

Intelligent charging and changing

User management platform

Support the creation of different types of users to store the flight data of UAV, automatic airport and payload; View historical missions and edit the saved missions. Convenient for later data access and call.

All-weather rapid response

Provide all-round protection

Unattended

Unattended, drone automatically take off from the airport, perform inspection tasks, landing and charging. The inspection data is automatically uploaded to the central server without human intervention.

Instead of manual inspection

Stable and reliable, low cost

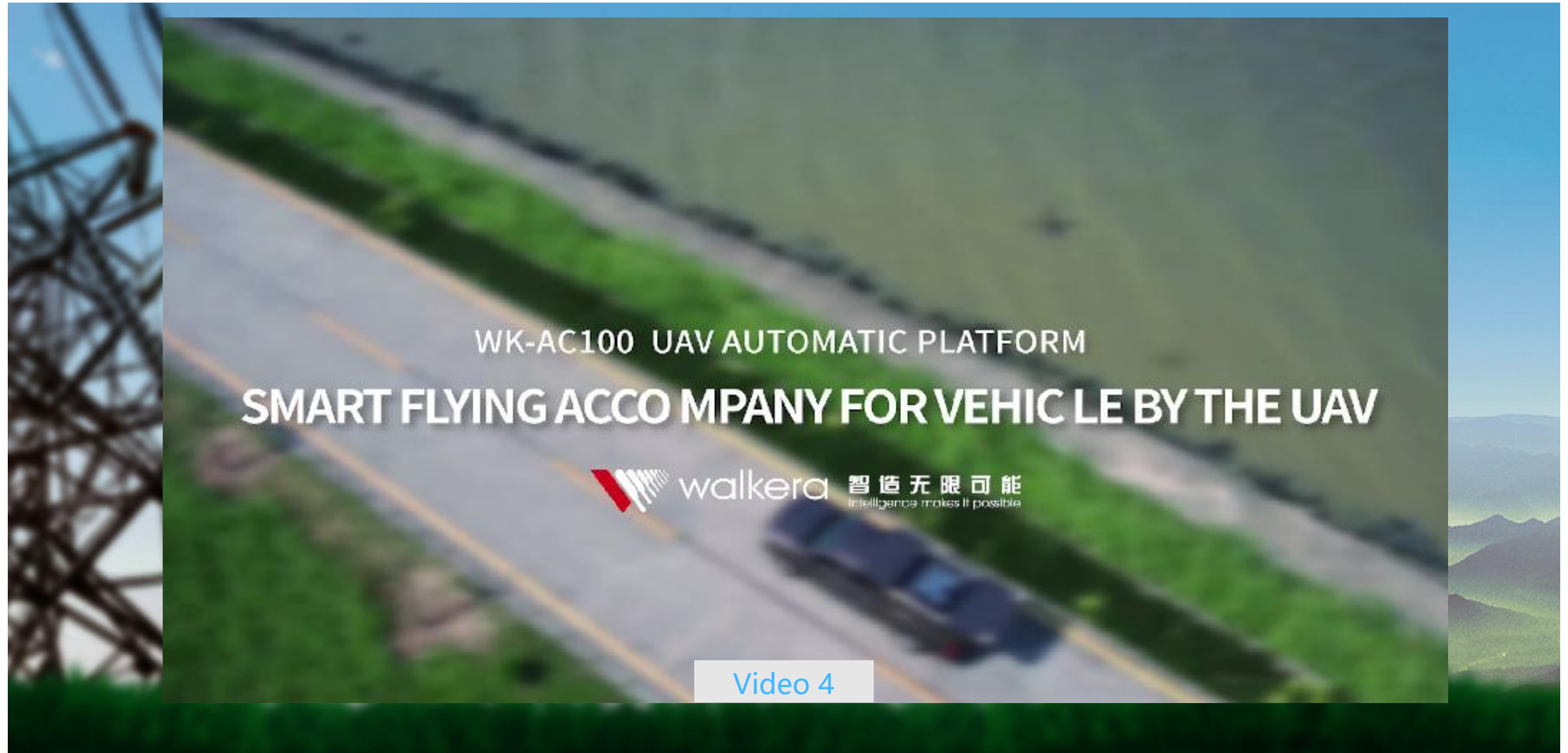
5G real-time video feed

Unattended, the UAV automatically takes off from the airport, performs patrol inspection tasks, landing and charging, and the patrol inspection data is automatically uploaded to the central server without manual intervention.

Big data acquisition and analysis

Autonomous control, no calibration required





V1800 RTK Police Drone+Payloads

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60MM Mortar projectile projectile

40MM Mortar projectile projectile

48MM Mortar projectile projectile

82MM Mortar projectile projectile



V1800 RTK Police Drone+Payloads

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95 Controller

Video 5

R500 Police Drone

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Integrated Carbon Desgin

60 minutes Flight Time

Network RTK

8km Video Transmission

6K High Resolution Camera used for Powline inspection

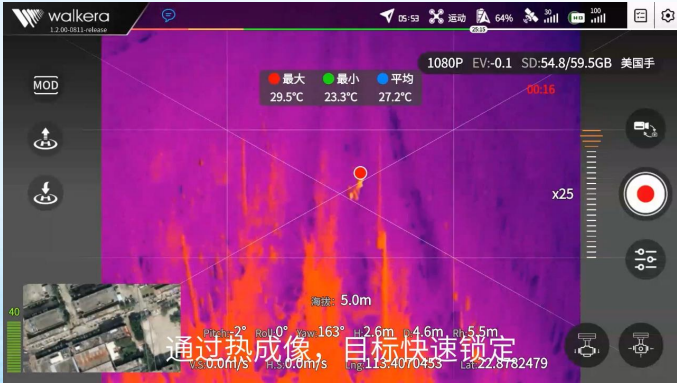
Dual-lens Camera used for Rescue and Inspection



R500 Police Drone(Dual lens+Speaker+5G)

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Dual-lens camera
(Resolution: 640*512)



Remote(8km)



Dual-lens camera



4G speaker



5G Ground Station



 Police Mini Detect Drone T210 Mini

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Police Mini Detect Drone T210 Mini

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Less than **249g**

Portable storage, unfold and fly,
Bring more surprises to the
travel.

Anti-shake HD Camera

Three-axis mechanical stabilized pan tilt, equipped with f/2.6 aperture, 83 ° ultra-low distortion wide angle lens, make your creation easy.

1/2 inch
CMOS

48 MP
Photo

4K HDR
Video

Three-axis Mechanical
Gimbal



One throw to fly

T210 mini supports one throw to fly, which makes the takeoff scene unrestricted and increases the adaptability and travel pleasure of the UAV.



支持在车载平台上进行抛飞起飞
Support takeoff on the vehicle platform



Intelligent voice somatosensory control

WK-V8 intelligent voice somatosensory control. Through voice delivery, you can get rid of two handed control, so that you can easily control various difficult flights and shooting, and bring different flight accompanying and easy travel experience.

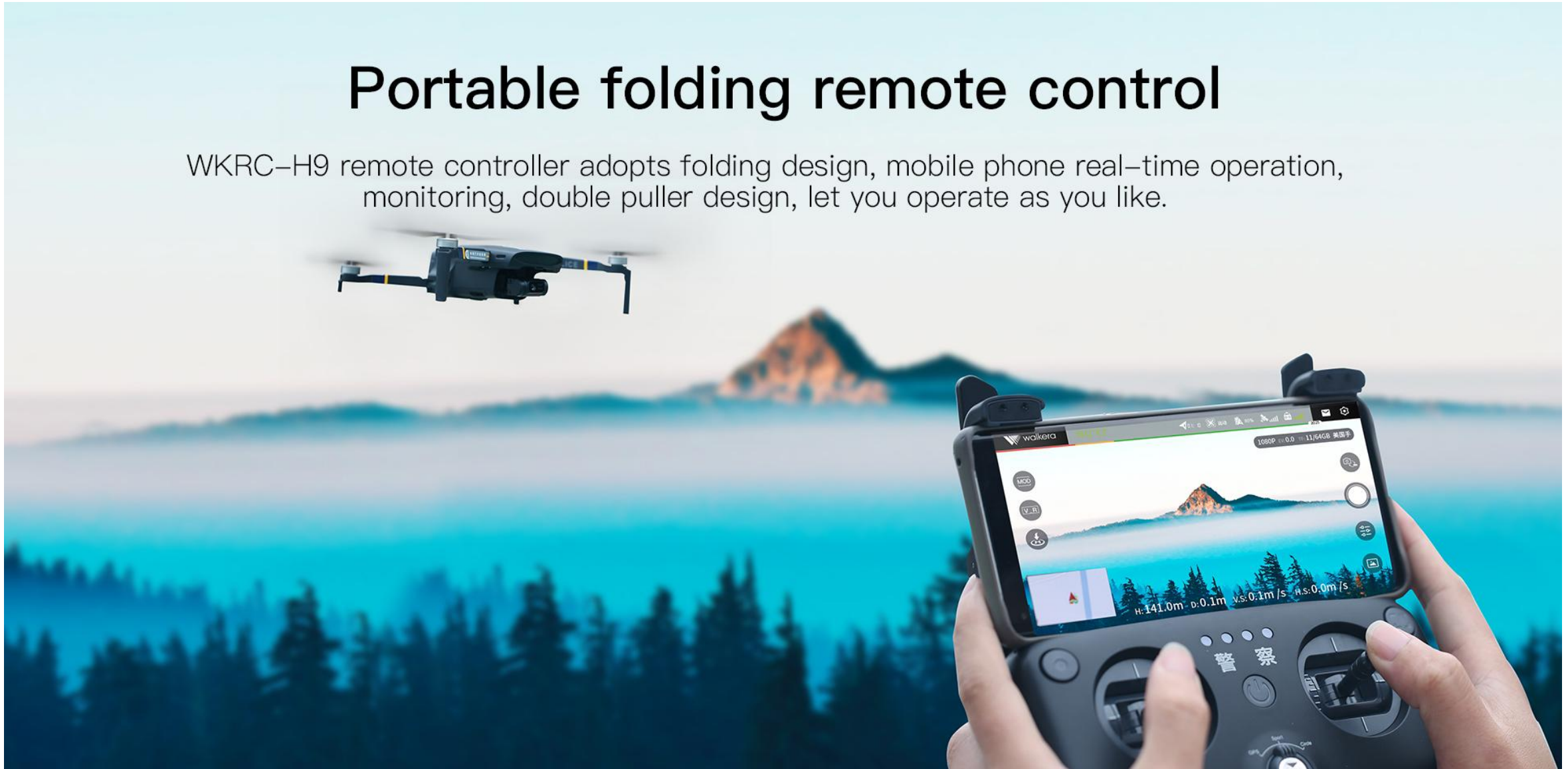


支持智能语音操控，更方便
Voice control , more easy



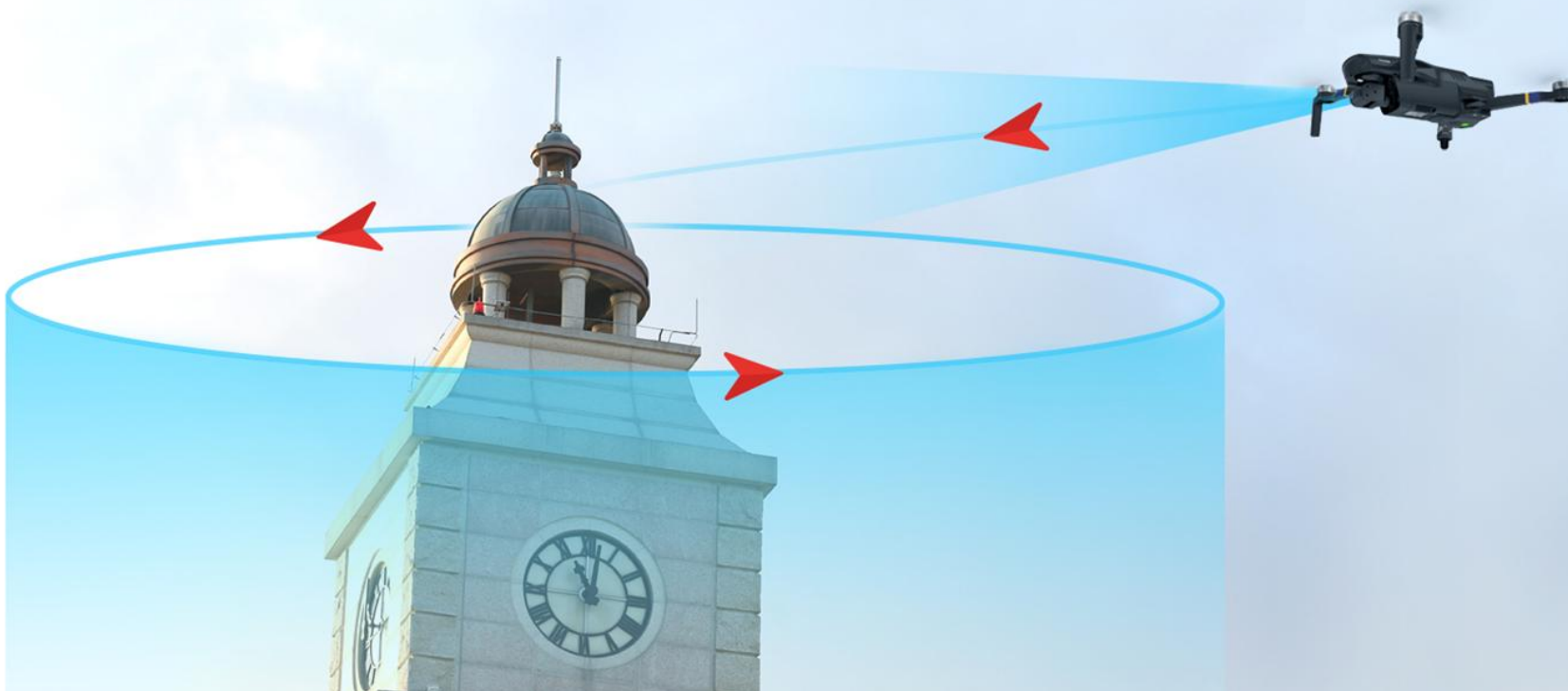
Portable folding remote control

WKRC-H9 remote controller adopts folding design, mobile phone real-time operation, monitoring, double puller design, let you operate as you like.



Intelligent Speed Control

Intelligent cruise at a constant speed, automatically maintaining 3D movement and spin speed, bringing new ways to play with mirrors.



Target management

Target point measurement, accurate positioning of the ground target's longitude and latitude, the gimbal can automatically track the target, assists in shooting the mirror, and can shoot large areas without operating the gimbal.



Orthographic mapping function

Flight control supports the ground station software to plan the mapping course, automatically carry out the mapping route flight and take photos, and store the corresponding photos and POS files after the completion of the flight mission for later jigsaw processing.



High-precision landing function

Flight control supports the use of two-dimensional code patterns to assist landing to improve landing accuracy and make landing error less than 10cm.



One-Key panoramic function

Flight control supports users to operate the one-key panorama shooting function in APP to enter the panorama shooting function. Flight control automatically adjusts the heading and pitch of gimbal , scans and takes multiple photos, and automatically splices them into panorama pictures.



Police Mini Detect Drone T210 Mini

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The police UAV series has been installed on 012 police collection platform

谢谢观看

THANK YOU

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