

Unmanned Aerial Vehicle (UAV) Autonomous Inspection System Self-Charge And Customized Flight Path Settings

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: AT1000
- Minimum Order Quantity: 1
- Price: Negotiable on Quantity
- Delivery Time: 10 work days
- Payment Terms: L/C, T/T
- Supply Ability: 1000units per month

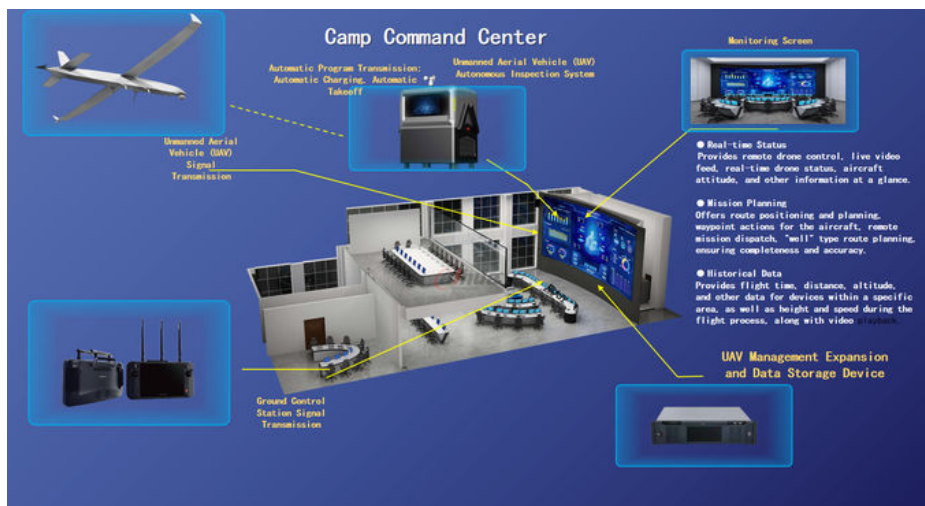


Product Specification

- Size: 1460 Mm × 1460 Mm × 1670 Mm (with The Cargo Door Closed); 1460 Mm × 1460 Mm × 1110 Mm (with The Cargo Door Open)
- Weight: 255kg
- Maximum Operating Altitude: 5000M
- Working Humidity: 5% To 95%
- Protection Level: IP54
- Aircraft Charging Time: 10% ~ 90% 57Min
- Communication Method: Ethernet Access (10/100/1000Mbps Auto-Negotiation Ethernet Port)
- Maximum Power: 1700W
- Working Temperature: -35 To 50
- Highlight: UAV Autonomous Inspection System ,
IP54 Autonomous Inspection System

Product Description

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1, Product Highlights

Intelligent
Debris-free
All-weather
Fully Autonomous

2, Product Features

The functions of an Unmanned Aerial Vehicle (UAV) autonomous inspection system include:

Automation: UAVs can automatically execute preset inspection tasks, reducing the need for manual inspections and associated risks. And the autonomous inspection system enables drones to automatically set up battery replacement functions, achieving uninterrupted patrol without the need for human involvement.

Efficiency: Drones can cover larger areas in a shorter time compared to traditional manual inspections, improving efficiency.

Data Collection: Sensors mounted on UAVs can collect various types of data, such as imagery, temperature, and humidity, for analysis and monitoring.

Real-time Monitoring: UAVs can transmit video and data in real-time, allowing monitoring personnel to instantly understand the conditions of the inspected area.

Cost Reduction: By reducing reliance on manual labor and ground equipment, UAV inspections help to lower inspection costs.

Safety Enhancement: UAVs can perform tasks in environments that are difficult or dangerous for humans to reach, improving job safety.

Environmental Monitoring: In agriculture, forestry, and ecological conservation, UAVs can be used to monitor environmental changes and the status of natural resources.

Infrastructure Inspection: UAVs can be used to inspect power lines, pipelines, bridges, and other infrastructure to identify potential issues promptly.

Emergency Response: In the event of a disaster, UAVs can quickly reach the site for damage assessment and rescue guidance.

Customized Services: Depending on the industry and mission requirements, UAV autonomous inspection systems can be equipped with different devices and sensors to provide customized services.

3, Application Scenarios

Emergency Response
Firefighting
Border Defense
Forestry.

4, After-Sales service

Lifetime free model library upgrades, professional 24/7 online service, customizable colors and languages.

5, Company profile

Chongqing Miao Yi Tang Technology Co., Ltd. is a cutting-edge enterprise forged through collaboration between the Internet of Things Research and Development Center of the Chinese Academy of Sciences, Sichuan University Zhisheng Software Co., Ltd. (002253), and a dedicated founding team backed by a \$12 million investment.

Leveraging the robust scientific research capabilities of the Chinese Academy of Sciences and the industry-defining expertise of Sichuan University, MYT technology is dedicated to pioneering advancements in the national security domain through the application of Internet of Things and artificial intelligence technologies. Our focus lies in AIoT research and development, spearheading the creation of an independent AIoT cloud+edge computing system architecture. This breakthrough architecture facilitates the seamless integration of heterogeneous perception information—such as electromagnetic, optoelectronic, visual, and location data—culminating in a comprehensive three-dimensional defensesystem against intrusion.

Our signal jammers are now widely used across various industries, particularly for countermeasures against drones. We are continuously evolving our products based on actual conditions, and our research and development of jamming modules for drone countermeasures has always been at the forefront of the industry.



6, Certification Certificate

The product has obtained dual certification from the Ministry of Public Security and the National Security Center, and is capable of adapting to various severe incidents, possessing military-grade quality.





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