

Hexacopter UAV Patrol Drone with 25KG MTOW 80min Endurance and 10KM Transmission

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: MT 900
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month



Product Specification

- Diagonal Wheelbase Of The1550mm
Flight Platform:
- Maximum Wind Speed 20m/s \approx 38.9 knots
Tolerance:
- Endurance: 80min
- Maximum Payload: 10 KG
- Maximum Transmission \geq 10KM No Jamming
Distance:
- Maximum Flight Speed: Furious Mode At 25m/s Standard Mode At 15m/s Safe Mode At 10m/s
- Working Temperature: -20 To 55
- Altitude Hold Assistance: Support
- Blade Loss Protection: Support
- Obstacle Avoidance System: Support
- Protection: IP54
- Max. Flight Altitude: 5000m

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Product Description

Hexacopter Medium-sized Patrol Unmanned Aerial Vehicle MT 900

Maximum Takeoff Weight: 25KG | Professional-grade surveillance and inspection drone

System Overview

Outstanding Performance

Large 900mm wheelbase, maximum flight time of 56 minutes, 15km control radius, 25m/s flight speed, and 3kg payload capacity for diverse application scenarios.

Advanced Vision Systems

Binocular vision and infrared six-direction obstacle avoidance technology with visual positioning for stable GPS-free hovering and 24/7 obstacle perception.

Versatile Payload Integration

Dual lower gimbal and single upper gimbal design supports four-light gimbal cameras, loudhailers, lighting, littering, and dozens of specialized payloads.

Intelligent Recognition Algorithms

Advanced AI capabilities including face recognition, license plate recognition, multi-target detection of people/vehicles/ships, and fire spot detection.

Operational Functions

Intelligent Flight Modes

- Flight route planning and waypoint navigation
- Circle (points of interest) and direction lock modes
- Automatic takeoff and landing capabilities
- Pre-programmed mission execution with automatic return

Comprehensive Security Systems

- Low battery and out-of-range automatic return
- Electronic fence for restricted area protection
- Multiple safety alarms and automated landing protocols

Rapid Deployment

Quick assembly and disassembly of batteries, payloads, propellers, antennas, and aircraft arms for immediate mission readiness.

Precision Positioning

Triple satellite system (GPS, Beidou, GLONASS) with $\pm 1.5\text{m}$ horizontal and $\pm 0.5\text{m}$ vertical accuracy for global coverage.

Multi-Payload Compatibility

Supports visible light PTZ cameras (4MP, 4K), IR thermal cameras, loudspeakers, and casting devices for critical surveillance applications.

Drone Management Platform MS1000 Integration

Remote operation of multiple drones with automated takeoff/landing, waypoint editing, and payload function control through centralized management platform.

Payload Options



Visual Tri-Light Platform



Multi-sensor Gimbal



Universal Aerial Mounting Board



Littering Loudhailer Gimbal

Technical Specifications

Diagonal Wheelbase	1550mm
Maximum Wind Speed Tolerance	20m/s \approx 38.9 knots
Endurance	60 minutes
Maximum Payload	10KG
Maximum Transmission Distance	\geq 10KM (No Jamming)
Working Temperature	-20 to 55
Altitude Hold Assistance	Support
Blade Loss Protection	Support
Obstacle Avoidance System	Support



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