

LOONG F2-10 IP54 Drone with 360° Obstacle Avoidance

Basic Information

- Brand Name: MMC
- Certification: ROHS
- Model Number: Fiber Optic Combat UAV LOONG F2-10
- Minimum Order Quantity: 2
- Price: Negotiable
- Delivery Time: 30
- Payment Terms: T/T
- Supply Ability: 20000pcs/Month



Product Specification

- Unladen Weight: 22.5kg
- Main Material: Carbon Fiber+Magnesium Aluminum Alloy+Plastid
- Encryption Method: AES256
- Wheelbases: 1750mm
- Working Temperature: -20°C-60
- Police PrivateNetwork (optional): The UAV Is Equipped With A Function Module For Accessing The Private Network (police Unmanned Aerial Vehicle Frequency Band). It Supports Real-time Control Of The UAV And Its Mounting And Real-time Video Transmission Back To The Backstage Command Center Un
- ADS-B Module(optional): With ADS-B, It Can Acquire Civil Aviation Information In Real Time And Send It To The Flight Controlthrough UAVCAN.
- Automatic Obstacleavoidance: 360° Omnidirectionalobstacle Avoidance (horizontal)



Product Description

Drone LOONG F2-10

Material: X Carbon Fiber, Aluminum Alloy, Engineering Plastics
Wheelbase: 706 mm
Expand max.size: 480*609*208mm (Without paddle)
Expand max.size:966*836*208mm (With paddles)
Fuselage weigh: 2.8kg(Excluding battery and mount)
Unladen weight: 3.8kg
Standard weight: 2.5kg
Max.load:5kg
Endurance:50min@no load, 35min@1kg
20min@2.5kg,8min@5kg
Working temperature: -20°C~60°C
Working humidity: 10%~90% non-condensing
Protection class: IP54
Electromagnetic interference: 100A/m
(Industrial Frequency Magnetic Field)
Elevation gain:5000m
Max. flight speed: 25m/s
Battery:14000mAh*1

Remote control

Screen: 5.5 inches
Storage: ROM 16GB + expandable (up to 128G)
Video output interface: HDMI
Built-in battery: Lithium-ion(4800mAh-7.2V)
Charging mode: support 12V/9V/5V
Working ambient temperature: -10~60°C
Charging time: 2.5h (using a 9V USB charger)
Charging ambient temperature: 0-40°C
Rating: 20W
Endurance: 4h

FPV glasses

Screen resolution: 720P/1080P
Support customization
Screen material: LCD
Power input: 7-26V(2-6s)
Video input interface: micro-HDMI

Chargers

Specification: dual 6s charger, input AC 100V-240V,AC 200W
Use of working temperature: 0~40°C
Dimension: 135*105*68mm
Weight: 580g

Flight battery

Battery string number: 6s
Full charge voltage: 25.8V
Nominal voltage: 20.88V
Minimum voltage: 15.6V
Nominal capacity: 13.8Ah
Typical capacity: 14.3Ah
Standard charge: 7A
Standard discharge: 42A
Instantaneous discharge: 98A
Weight: 942g±10g



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