

## 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

**Shenzhen FOVA Technology Co.,Ltd**

+86 19806733949



allenxiao1003@gmail.com



fovapower.com

23F, Building B, Fujian Building, No. 2048 Caitian Road, Fushan Community, Futian Street, Futian District, Shenzhen