

## FPV Drone Kit 20m/s Max Speed Carbon Fiber Magnesium Alloy IP54

Our Product Introduction

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### 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/Mouth



### Product Specification

- Mapping Frequency: 2.4GHz
- Cruise Speed: 0~15m/s
- Arm Box Size: 800\*630\*380mm
- Main Material: Carbon Fiber+Magnesium Aluminum Alloy+Plastid
- Max. Descent Speed: Default 2m/s (max. 3m/s)
- Onboard Computer(optional): Support Secondary Development Of Image Processing, Video Analysis, Edge Computing AI Algorithms
- Protection Level: IP54
- Expand Max. Size: 2190\*2415\*560mm (With Paddle)
- Highlight: **FPV drone kit carbon fiber,  
FPV drone magnesium alloy frame,  
FPV drone IP54 waterproof**



## Product Description

### Product Description:

The FPV Drone Kit is a high-quality product designed for enthusiasts and professionals seeking performance and reliability in their FPV drones. With advanced features and durable construction, this kit is ideal for various applications, including agriculture UAV drone operations and recreational flying FPV drone activities.

One of the standout features of this FPV drone kit is its exceptional interference resistance, rated at 100A/m in industrial magnetic fields. This ensures stable and uninterrupted flight performance even in challenging environments where electromagnetic interference is prevalent.

When it comes to speed, the FPV Drone Kit doesn't disappoint. With a maximum flight speed of 20m/s, users can experience thrilling and dynamic flight maneuvers while capturing stunning aerial footage or conducting precision agricultural surveys.

The construction of the FPV Drone Kit is a testament to its durability and performance capabilities. Crafted from a combination of carbon fiber, magnesium aluminum alloy, and plastid, this drone is lightweight yet robust, with an unladen weight of 22.5kg. This ensures agility in the air without compromising on strength and stability.

For users looking to enhance the capabilities of their FPV drone, the optional onboard computer is a valuable addition. With support for secondary development of image processing, video analysis, and edge computing AI algorithms, users can unlock advanced functionalities and customize their drone to suit specific applications and tasks.

Whether you are a professional conducting precision agriculture surveys or an enthusiast capturing breathtaking aerial footage, the FPV Drone Kit offers the performance, durability, and versatility needed to elevate your drone flying experience. Invest in this kit today and take your FPV drone adventures to new heights!

### Features:

Product Name: FPV Drone Kit

Encryption Method: AES256

Body Weight: 13kg (Without Battery And Payload)

Onboard Computer (optional): Support Secondary Development Of Image Processing, Video Analysis, Edge Computing AI Algorithms

Max. Flight Speed: 20m/s

Automatic obstacleavoidance: 360° Omnidirectionalobstacle Avoidance (horizontal)

### Technical Parameters:

Technical Parameter	Value
Cruise Speed	0~15m/s
Working Humidity	10%~90% Non-condensing
Max. Load	15kg
Protection level	IP54
Automatic obstacleavoidance	360° Omnidirectionalobstacle Avoidance (horizontal)
Expand Max. Size	2190*2415*560mm (With Paddle)
Endurance	61min@no Load / 45min@3kg / 40min@5kg / 30min@10kg / 25min@15kg
Unladen Weight	22.5kg
Interference	100A/m(industrial Magnetic Field)
Onboard Computer(optional)	Support Secondary Development Of Image Processing, Video Analysis, Edge Computing AI Algorithms

### Applications:

When it comes to industrial inspection drones, the MMC Fiber Optic Combat UAV LOONG F2-10 is a top choice for professionals looking for reliable and efficient aerial quadcopter drones. With its advanced features and high-quality construction, this FPV drone kit is suitable for a variety of application occasions and scenarios.

One key application scenario for the MMC Fiber Optic Combat UAV LOONG F2-10 is industrial inspections. Whether it's inspecting infrastructure, monitoring construction sites, or surveying agricultural land, this drone excels in providing high-quality aerial footage for analysis and decision-making. The mapping distance of 20km allows for comprehensive coverage of large areas, while the wheelbases of 1750mm ensure stability and precision during flights.

Furthermore, the AES256 encryption method ensures secure data transmission, making it ideal for industries that prioritize data privacy and security. The certification of ROHS guarantees compliance with environmental standards, further enhancing the drone's appeal in various industries.

With a minimum order quantity of 2 units, the MMC Fiber Optic Combat UAV LOONG F2-10 is suitable for both small-scale operations and large-scale enterprises. The negotiable price and flexible payment terms of T/T make it accessible to a wide range of businesses, while the supply ability of 20000pcs/month ensures timely delivery to meet demand.

Whether it's conducting inspections in challenging environments, capturing aerial footage for film and photography, or monitoring remote

locations, the MMC Fiber Optic Combat UAV LOONG F2-10 delivers reliable performance and exceptional durability. Its max climbing speed of 5m/s and cruise speed range of 0-15m/s provide versatility for different mission requirements, making it a versatile tool for professionals in need of a high-performance FPV drone kit.

Overall, the MMC Fiber Optic Combat UAV LOONG F2-10 from SHENZHEN is a standout choice for industrial inspection drones, offering advanced features, reliable performance, and flexibility for various application occasions and scenarios.



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