

LOONG 2M FPV Drone Kit Gps 1.46 kg Overall Weight 20 minutes Flight Time 430 mm Wheelbase Basic Parameters 7 km Max. Control Radius

Basic Information

- Place of Origin: SHENZHEN
- Brand Name: FOVA
- Certification: CE;FCC
- Model Number: LOONG 2M
- Minimum Order Quantity: 2
- Price: Negotiation
- Delivery Time: 15work days
- Payment Terms: T/T
- Supply Ability: 1000Pcs/Month



Product Specification

- Camera: 1080P HD Camera
- Gps: Yes
- Headless Mode: Yes
- Type: Quadcopter
- One Key Return: Yes
- Flight Time: 20 Minutes
- Max Speed: 50 Km/h
- Model: FPV Drone Kit
- Remote Control: 2.4GHz
- Control Distance: 500 Meters
- Battery: 7.4V 2000mAh Li-Po
- Altitude Hold: Yes
- Charging Time: 2 Hours
- Fpv: Yes
- Highlight: 20 minutes FPV Drone Kit,

Product Description

LOONG 2M

1.46 kg Overall Weight
50 min Max. Flight Time
430 mm Wheelbase Basic Parameters
7 km Max. Control Radius

Dimension

Size 350*350*130 mm
Wheelbase 430 mm

Weight

Overall Weight 1.46 kg

Environment

Max. Wind Resistance: Level 5
IP Protection Rating: IPX4
Operating Temperature: -10~40°C
Storage Temperature: -0~40°C

Packaging

Package Dimensions: 470*420*143 mm
Package Weight: 8 kg

Comm. & Nav

Max. Control Radius: 7 km (Visualization of the net environment)
Communications Band: 2.4 GHz
RTK Accuracy: Horizontal: 10 mm+1 ppm
Vertical: 20 mm+1 ppm
PPP Satellite-based Augmented: 20~50 cm
Navigation Accuracy
Positioning and Navigation: Support GPS, RTK, BeiDou, PPP satellite-based enhancement

Performance

Max. Flight Time: 50 min
Flight Altitude: ≥ 5000 m
Max. Ascent Speed: 4 m/s
Max. Descent Speed: 3 m/s
Max. Cruising Speed: 15 m/s

Camera Parameters

Visible Module
Visible Light Resolution: 3840*2160
Pixels: 8 million
Lens Focal Length: 8 mm
Electronic Zoom: 8x

Laser Ranging Module

Measuring Range: 5~1200 m
Ranging Accuracy: ± 1 m
Ranging Frequency: ≤ 4 Hz
Laser Wavelength: 905 nm

Battery Parameters

Battery Capacity: 8200 mah
Battery Type: Lithium polymer
Battery Weight: Approx. 570 g
Charging Voltage: 17.6 V
Cycle Life: ≥ 240 times

Infrared Thermal Imaging Module

Infrared Thermal Imaging Resolution: 640*512
Temperature Measurement Mode: Area and point temperature measurement
Temperature Range: -20°C~+150°C (High gain)
0°C~+550°C (Low gain)
Temperature Accuracy: $\pm 3^\circ\text{C}$ @ -20°C~60°C

Remote Control Parameters

Band: 2.400~2.483 GHz
Endurance: 6~20 h
Transmission Distance: 6~10 km (Open space to the air)
Transmission Rate: 6.5~144 Mbps
RF Power: 17.5 dBm
Battery: 10000 mAh
Weight: 660 g

Sizes:190*152*94 mm



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