



## High Altitude Performance Drone 350\*350\*130mm Max Speed 15m/S Black Flight Altitude ≥5000m Remote Control Endurance 12 Hours

### Our Product Introduction

#### Basic Information

- Place of Origin: SHENZHEN
- Brand Name: FOVA
- Certification: ROHS
- Model Number: FOVA X8 Thermal
- Minimum Order Quantity: 100
- Price: 1-10pcs ¥24,000; 11-100pcs ¥21,600; 101-1000pcs ¥19,200; >1000pcs ¥16,800
- Packaging Details: 600\*500\*200mm
- Delivery Time: 15
- Payment Terms: T/T
- Supply Ability: 1000pcs/Mouth



#### Product Specification

- Max Speed: 15m/S
- Esc: 20A
- Propeller: 5045
- Obstacle Avoidance: No
- Radio System: FlySky FS-i6
- Maximum Control Radius: 7km
- Remote Control Endurance: 12 Hours
- Size: 350\*350\*130mm
- Highlight: **12 Hours High Altitude Performance Drone,  
Black High Altitude Performance Drone,  
15m/S High Altitude Performance Drone**

## Product Description



### FOVA X8 Tele Max

Takeoff Weight: 832g

Max.Flight Time :47 min

Wheelbase: 372 mm

Max.Flight Speed: 18 m/s

Aircraft	
Folding Body Size	204*106*72.6 mm (Without paddle)
Expanded Body Size	242*334*72.6 mm (Without paddle)
Take-off Weight	≈832 g
Wheelbase	372 mm
Max. Ascent Speed	5 m/s
Max. Descent Speed	3.5 m/s
Max. Flight Speed	18 m/s
Max. Takeoff Altitude	≤5000 m
Max. Hover Time	29 min
Max. Flight Time	47 min
Max. Tilt Angle	35°
Max. Wind Speed	12 m/s
Operating Temperature	0~40 °C
Expansion Joint	GPS+GLONASS+BeiDou+Galileo
Hovering Accurac	12-PIN Data Connector (Female)
Folding Body Size	Vertically ±0.1 m / ±0.5 m Horizontal ±0.3m / ±0.5m
Wide Angle Camera	
Image Sensors	1/2-inch CMOS
Digital Zoom	1~5X
Camera Lens	FOV 79°
Aperture	F/1.6
Camera Focus	4.71 mm
Equivalent Focal Length	24 mm
Depth	1 m to infinity
ISO Scope	Video 100-26500, photos 100-6400
Shutter Speed	1/8000 sec. to 2 sec.
Effective Pixel	48 million
Max. Photo Size	8064*6048
Max. Video Resolution	3840*2160@60/30/25/24fps
Video Max. Bitrate	100 Mbps
Video Format	MP4
Image Forma	JPEG / DNG
Remote Controls	

Weight	
Size	
Min. Delay Time	
Operating Frequency Band	
Max. Battery Life	
Battery Type	
Battery Capacity	
Nominal Voltage	
Input	
Operating Temperature	
Charging Temperature	
<b>Long Focus Camera</b>	
Image Sensors	1/2.5-inch CMOS
Digital Zoom	5-30X
Camera Lens	FOV 21.5°
Aperture	F/3.0
Camera Focus	14.46 mm
Equivalent Focal Length	120 mm
Depth	10 m to infinity
Effective Pixel	13 million
ISO Scope	Video 100-6400, photos 100-6400
Shutter Speed	1/8000 sec. to 2 sec.
Max. Photo Size	4000*3000
Max. Video Resolution	3840*2160@30/25/24fps
Video Max. Bitrate	100 Mbps
Video Format	MP4
Image Format	JPEG / DNG
File System	FAT32 / exFA
<b>Long Life Edition Smart Battery</b>	
Capacity	5000 mAh
Weights	≈333 g
Rated Voltage	14.4 V
Charge Limit Voltage	16.8 V
Battery Type	Li-ion 4S
Energy	72wh
Charging Environment Temperature	0~40°C
<b>Payload</b>	
Three-axis Structure Range	-115°~40° (Pitch), -40°~40° (Roll)-40°~40° (Heading)
Rotation Range	10°~90° (Pitch)
Angular Momentum Range	±0.005°

### Product Description:

The FPV Drone Kit is the perfect choice for enthusiasts looking to experience the thrill of first-person view (FPV) drone racing. This advanced kit includes everything you need to build a high-performance racing drone, allowing you to take your piloting skills to the next level.

Designed in sleek black color, this FPV drone kit not only looks impressive but also delivers outstanding performance. The kit comes equipped with durable 5045 propellers that provide excellent thrust and stability during high-speed flights. Paired with powerful 2212 1000KV motors, this drone can reach speeds of up to 60km/h, ensuring an exhilarating racing experience.

One of the standout features of this FPV drone kit is its impressive remote control endurance. With a battery type of lithium polymer, the remote control can last up to 12 hours on a single charge, allowing you to enjoy extended flight sessions without interruptions. This exceptional endurance ensures that you can focus on honing your piloting skills without worrying about running out of power.

In addition to its impressive speed and endurance, the FPV Drone Kit offers excellent wind resistance, with a wind resistance level classified as Class 5. This means that you can confidently fly this drone in various weather conditions, ensuring that you can practice and race without being limited by external factors.

The FPV Drone Kit features a sturdy wheelbase of 430mm, providing stability and maneuverability during high-speed flights. This optimal wheelbase allows the drone to maintain balance and control, even when performing sharp turns or sudden maneuvers, giving you a competitive edge during races.

Whether you are a beginner looking to enter the world of FPV drone racing or an experienced pilot seeking a high-performance racing drone, the FPV Drone Kit is the ideal choice. With its sleek design, powerful propulsion system, long-lasting remote control endurance, and exceptional wind resistance, this kit has everything you need to take your drone racing skills to new heights.

## Applications:

One of the key features of the FOVA X8 Thermal is its ability to operate at high altitudes, with a flight altitude of  $\geq 5000\text{m}$ . This makes it an ideal choice for aerial photography, surveillance, mapping, and other tasks that require operations at high altitudes.

Moreover, the FOVA X8 Thermal FPV Drone Kit is perfect for use in environments where a lightweight and portable drone is essential. With a total package weight of 8kg, this drone kit is easy to transport and set up, making it suitable for on-the-go missions and field operations.

Thanks to its lithium polymer battery type, the FOVA X8 Thermal offers long-lasting power and endurance, making it suitable for extended flight missions and tasks that require continuous operation.

Whether you are in the field of aerial photography, surveillance, mapping, or any other industry that requires reliable and high-performance drones, the FOVA X8 Thermal FPV Drone Kit is an excellent choice. Its advanced features, robust design, and exceptional performance make it a versatile and reliable tool for a wide range of applications.

With its certification of ROHS and origin from SHENZHEN, the FOVA X8 Thermal FPV Drone Kit meets international quality standards and offers peace of mind to users regarding its safety and reliability.

Overall, the FOVA X8 Thermal FPV Drone Kit is a must-have product for professionals and enthusiasts looking for a high-performance drone kit that delivers outstanding results in various product application occasions and scenarios.

## Support and Services:

The FPV Drone Kit product offers comprehensive Product Technical Support and Services to ensure a seamless and enjoyable user experience. Our team of experts is dedicated to assisting you with any technical issues or inquiries you may have regarding the FPV Drone Kit. From troubleshooting and diagnostics to software updates and product guidance, our technical support services are designed to provide you with the necessary assistance to maximize your FPV drone experience.

## FAQ:

**Q: What is the brand name of this FPV Drone Kit?**

A: The brand name is FOVA.

**Q: What is the model number of this FPV Drone Kit?**

A: The model number is FOVA X8 Thermal.

**Q: Where is this FPV Drone Kit manufactured?**

A: It is manufactured in SHENZHEN.

**Q: What certification does this FPV Drone Kit have?**

A: It is certified with ROHS.

**Q: What is the minimum order quantity for this FPV Drone Kit?**

A: The minimum order quantity is 100 units.



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