



Mini Unmanned Aerial FPV Drone Kit Takeoff Weight 1025g ,Max.Flight Time 47 min ,Wheelbase 372 mm ,Max.Flight Speed 18 m/s

Our Product Introduction

Basic Information

- Brand Name: FOVA
- Certification: ROHS
- Model Number: FOVA X8 Thermal
- Minimum Order Quantity: 2
- Price: 1-10pcs ¥24,000; 11-100pcs ¥21,600; 101-1000pcs ¥19,200; >1000pcs ¥16,000
- Packaging Details: 600*500*200mm
- Delivery Time: 25
- Payment Terms: T/T
- Supply Ability: 1000pcs/Month



Product Specification

- Range: 500 Meters
- Type: Quadcopter
- Flight Time: 29minutes
- Fpv: Yes
- Headless Mode: Yes
- Antenna: Pagoda Antenna
- Fpv Goggles: Eachine VR-007
- Remote Controller: 2.4GHz
- Highlight: 1025g FPV Drone Kit, 372 mm FPV Drone Kit, 47 min FPV Drone Kit



Product Description



FOVA X8 Thermal Mini Unmanned Aerial

- I Takeoff Weight 1025g
- I Max.Flight Time 47 min
- I Wheelbase 372 mm
- I Max.Flight Speed 18 m/s

Parameters

Aircraft	
Folding Body Size	204*106*72.6 mm (Without paddle)
Expanded Body Size	242*334*72.6 mm (Without paddle)
Bare Weight	855 g
Take-off Weight	1205 g
Wheelbase	372 mm
Max. Ascent Speed	5 m/s
Max. Descent Speed	4 m/s
Max. Flight Speed	18 m/s
Max. Takeoff Altitude	<6000 m
Max. Flight Time	47 min
Max. Range	33km
Max. Wind Rating	Level 7
Operating Temperature	-10~40°C
GNSS	GPS+GLONASS+BeiDou+Galileo
Expansion Joint	12-PIN Data Connector (Female)
Hovering Accuracy	Vertically ±0.1 m / +0.5 m ,Horizontal ±0.3 m / ±0.5 m
Wide Angle Camera	
Image Sensors	Digital Zoom
	1/2-inch CMOS, 48 megapixels
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. Image Size	8064*6048
Max. Video Resolution	3840*2160@30fps
Video Max. Bitrate	100 Mbps
Video Format	MP4
Image Format	JPEG / DNG
Infrared Thermal Imaging Sensor	
Pixel pitch	12 microns
Video Resolution	640*480@30fps
Focal length	19mm
Equivalent Focal Length	80 mm
DFOV	30.7°
Aperture	F11
Focusing Distance	5 m to infinity
Palette	White Heat / Black Heat / Jungle /Iron Red / Rainbow / Aurora Borealis /Shimmer / Glow Gold / Red Heat /Medical / Gold Red
Long Focus Camera	
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	12 million
ISO Scope	Video 100-6400, photos 100-6400
Shutter Speed	1/8000 sec. to 2 sec.
Max. Image Size	4000*3000
Max. Video Resolution	3840*2160@30fps
Video Max. Bitrate	100 Mbps
Video Format	MP4
Image Format	JPEG / DNG

File System	FAT32 / exFAT
Long Life Edition Smart Battery	
Capacity	5000 mAh≈333 g
Weights	14.4 V
Rated Voltage	16.8 V
Charge Limit Voltage	Li-ion 4S
Battery Type	72wh
Energy	0~40°C
Charging EnvironmentTemperature	5000 mAh≈333 g
Payload	
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 a cutting-edge drone package that combines advanced technology with user-friendly features, making it an ideal choice for both beginners and experienced drone enthusiasts. This kit includes everything you need to experience the thrill of first-person view (FPV) flying, offering an immersive and exhilarating aerial experience.

Equipped with a powerful 5.8GHz 40CH Vtx system, this drone ensures a stable and reliable video transmission, allowing you to enjoy clear and uninterrupted live feed from the drone's camera. The high transmission frequency of 5.8GHz enables seamless video streaming, making it perfect for FPV racing and aerial photography enthusiasts.

One of the standout features of this FPV Drone Kit is its impressive flight time of up to 29 minutes on a single charge. This extended flight time allows you to explore and capture breathtaking aerial footage without the need for frequent battery changes, enhancing your overall flying experience.

The drone is powered by a high-capacity 2200mAh battery, providing ample power to support long flight times and extended exploration. The battery capacity ensures reliable performance and endurance, allowing you to push the limits of your drone and capture stunning aerial shots with ease.

Weighing just 855g, this drone strikes the perfect balance between portability and stability. The lightweight design enhances maneuverability and agility in the air, enabling you to perform precise aerial maneuvers and capture dynamic shots with ease. Despite its lightweight construction, the drone maintains excellent stability and control, ensuring a smooth and enjoyable flying experience.

With the Headless Mode feature, this drone offers added convenience and ease of use for both beginners and advanced users. Headless Mode eliminates the need to adjust the drone's orientation during flight, simplifying the controls and making it easier to navigate the drone in any direction. This feature is particularly useful for beginners who are still mastering flight controls and orientation.

The FPV Drone Kit features a durable and robust frame with a wheelbase of 430mm, providing enhanced stability and wind resistance during flight. The drone is designed to withstand various weather conditions and environments, making it suitable for outdoor flying activities. With a wind resistance level of Class 5, this drone can handle moderate to strong winds, allowing you to fly confidently in challenging outdoor settings.

In conclusion, the FPV Drone Kit offers a comprehensive and feature-rich solution for drone enthusiasts looking to elevate their flying experience. With its advanced Vtx system, extended flight time, high-capacity battery, lightweight design, Headless Mode feature, and durable construction, this drone kit delivers exceptional performance and versatility for various applications, including FPV racing, aerial photography, and recreational flying. Explore the skies and capture stunning aerial footage with the FPV Drone Kit.

Features:

Product Name: FPV Drone Kit -----

Live Video Feed: Yes

Type: Quadcopter

Antenna: Pagoda Antenna

Battery Capacity: 2200 MAh

Frame Material: Glass Fiber

Applications:

The FOVA X8 Thermal FPV Drone Kit is a high-quality product suitable for various application occasions and scenarios. As a top-quality drone under the FOVA brand, the FOVA X8 Thermal is designed for professional use and delivers exceptional performance. The drone is perfect for applications such as aerial photography, surveillance, mapping, and inspection.

With its Flight altitude of ≥5000 m capability, the FOVA X8 Thermal is ideal for tasks that require high-altitude operations. The Wheelbase of 430mm provides stability and control, making it suitable for outdoor use in different environments. The Battery capacity of 8200mAh ensures long flight times, allowing users to cover large areas without interruptions.

Manufactured in SHENZHEN, the FOVA X8 Thermal drone has received ROHS certification, guaranteeing its quality and adherence to industry standards. The minimum order quantity for this product is 2 units, with pricing options ranging from ¥24,000 for 1-10pcs to ¥16,000 for orders exceeding 1000pcs.

The packaging details of the FOVA X8 Thermal drone are 600*500*200mm, ensuring safe and secure delivery of the product. With a delivery time of 25 days, customers can expect timely arrival of their orders. Payment terms for the product include T/T, providing flexibility for buyers.

Equipped with features such as Live Video Feed and Headless Mode, the FOVA X8 Thermal offers users a seamless flying experience. The Flight Time of 29 minutes allows for extended operation, while the 2200mAh battery capacity ensures reliable power supply. The frame material, Glass Fiber, adds durability and strength to the drone's construction.

With a supply ability of 1000pcs per month, the FOVA X8 Thermal FPV Drone Kit is readily available for purchase. Whether for professional use or recreational flying, this drone offers advanced features and high performance, making it a versatile and reliable choice for various applications.

Support and Services:

Our Product Technical Support team is dedicated to assisting you with any issues you may encounter with your FPV Drone Kit. Whether you need help with assembly, troubleshooting, or understanding the features of the kit, our experts are here to provide you with comprehensive assistance.

In addition to technical support, we also offer a range of services to enhance your experience with the FPV Drone Kit. These services may include firmware updates, repair services, and customization options to tailor the kit to your specific needs and preferences.



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