5V DC Small Integrated Drone with 245 g Takeoff Weight and 32 min Max Flight Time 214 mm Wheelbase

Our Product Introduction

Basic Information

- Place of Origin: SHENZHEN
- Brand Name: FOVA
- Certification: ROHS
- Model Number: FOVA Mini3
- Minimum Order Quantity: 100
- Price: 1-10pcs¥1,919;11-100pcs¥1,786;101-1000pcs¥1,650;＞1000pcs¥1,520
- Delivery Time: 15
- Payment Terms: T/T
- Supply Ability: 1000pcs/Mouth

Product Specification

- Response Time: Less Than 10ms
- Dimensions: 30mm X 30mm X 60mm
- Supply Voltage: 5V DC
- Connection Type: M12 Connector
- Sensing Method: Photoelectric
- Housing Material: Stainless Steel
- Detection Range: Up To 10 Meters
- Output Type: Digital
- Highlight: **214 mm Wheelbase Drone**, **5V DC Small Integrated Drone**, **32 min Max Flight Time Drone**

More Images





Our Pro

Product Description

FOVA Mini3 SE
Takeoff Weight :245 g
Max.Flight Time:32 min
Wheelbase:214 mm

Max.Flight Speed:16 m/s

Aircraft	
Folding Body Size	145*85*56 mm (Without paddle)
Expanded Body Size	200*145*56 mm (Without paddle)
Take-off Weight	245g
Wheelbase	214 mm
Max. Ascent Speed	4 m/s
Max. Descent Speed	2 m/s
Max. Fliaht Speed	16 m/s
Max. Takeoff Altitude	≤4000
Max. Hover Time	29 min
Max. Flight Time	32 min
Max. Tilt Angle	35°
Max. Wind Speed	10.7 m/s
Operating Temperature	0-40°C
GNSS	GPS+GLONASS+BeiDou+Galileo
Hovering Accuracy	Vertically ±0.1m /±0.5 m Horizontal±0.3m /±0.5m
Remote Controls	
Weight	260 g
Product Size	165*89*47mm
Min. Dela	120 ms
Operating Band	2.4000GHz to 2.4835GHz,5.725GHz to 5.850GHz
Max. Endurance	8h (Without charging the mobile device) 4h (In case of charging mobile devices)
Battery Type	Li-ion
Battery Capacity	3500mAh
Rated Voltage	3.7V
Impon	5V=2A
Operating temperature	0-40°C
Charge Temperature	5-40°C
Supported Interface Types	Lightning USB-C
Maximum signal effective distance	(no interference. no obstruction
FCC =9 km	(Open and undisturbed environment)
Payload	
Three-axis Structure Range -110° - 40°(Pitch),-40°-40°	-110° - 40°(Pitch) -40°-40°(Roll)
Rotation Range	10°- -90°(Pitch)
Angular Momentum Range	±0.01°
Smart Battery	
Capacity	2200mAh
Weight	85g
Charge Limit Voltage	8.8V
Ratect Voltage	7.7V
Battery Type	Li-ion 2S
Eneray	16.92 wh
Charging Environment Temperature	5 -40°C
Camera	
Image Senso	1/2.5-inch CMOS
Digital Zoom	6×
Camera Lens	FOV74°
Aperture	F/2.2
Camera Focus	2.35 mm
Equivalent Focal Length	20 mm
Depth	0.8 m to infinity

ISo Scope	Video100-6400.photos 100-6400
Shutter Speeds	1/8000 sec.to 2 sec
Effective Pixel	12 million
Max. Photo Siz	40000*3000
Max. Video Resolutior	3840*2160@ 30/25/24fps
Video Max. Bitrate	100 Mbps
Picture Fomat	JPG
File Syster	FAT32 / eXFAT

Product Description:

The Photoelectric Pod is a cutting-edge product designed to provide advanced detection capabilities in various applications. With a detection range of up to 10 meters, this pod offers exceptional coverage for monitoring purposes.
Utilizing a photoelectric sensing method, the Photoelectric Pod ensures accurate and reliable detection of objects within its range. This method enables precise monitoring and detection, making it suitable for diverse environments and applications.
Operating at a supply voltage of 5V DC, this pod is efficient and energy-saving, making it ideal for long-term use without significant power consumption. The low voltage requirement also ensures compatibility with a wide range of power sources and systems.
Featuring a protection class of IP67, the Photoelectric Pod is built to withstand challenging environmental conditions. Its robust design ensures resistance to dust, water, and other external elements, making it suitable for outdoor and industrial environments where protection is essential.
With a response time of less than 10ms, this pod delivers rapid and real-time detection capabilities, enabling quick and efficient monitoring of objects within its detection range. The fast response time ensures timely alerts and notifications, enhancing overall operational efficiency.
The Photoelectric Pod is equipped with a maximum descent speed of 3.5 m/s, allowing for swift and precise movement in vertical applications. This speed capability enables efficient tracking and monitoring of objects in motion, enhancing the pod's versatility in various scenarios.
Furthermore, the pod features a maximum ascent speed of 5 m/s, providing dynamic and agile performance for vertical movement requirements. This speed capability ensures smooth and reliable operation, making the pod suitable for applications that demand quick and accurate repositioning.
In terms of portability and compactness, the Photoelectric Pod comes in a folding body size of 145*85*56 mm. This compact design allows for easy installation and placement in confined spaces, making it a versatile solution for applications with limited space availability.
Overall, the Photoelectric Pod offers a comprehensive set of features and capabilities that make it a valuable asset for monitoring, detection, and tracking requirements. With its advanced sensing method, reliable performance, and compact design, this pod is a versatile solution for a wide range of applications across various industries.

Applications:

FOVA Mini3 Photoelectric Pod is a versatile and reliable product that can be applied in a variety of occasions and scenarios due to its innovative features and high performance attributes.
With a compact size and lightweight design, the FOVA Mini3 Photoelectric Pod is suitable for use in industrial automation, warehouse management, and intelligent transportation systems. Its IP67 protection class ensures durability and resistance to harsh environments, making it ideal for outdoor applications.
The Photoelectric sensing method allows the FOVA Mini3 to achieve a quick response time of less than 10ms, enabling rapid and accurate detection of objects within a detection range of up to 10 meters. This makes it well-suited for collision avoidance systems, object detection, and distance measurement tasks.
Whether it is used in robotics, drones, or automated machinery, the FOVA Mini3 Photoelectric Pod provides reliable performance and precise results. Its M12 connector allows for easy installation and connection, enhancing efficiency and convenience in various setups.
Manufactured in SHENZHEN, the FOVA Mini3 Photoelectric Pod complies with ROHS certification, ensuring high quality and environmental sustainability. Customers can place orders with a minimum quantity of 100 units, and the price is negotiable based on specific requirements. The delivery time is 15 days, and payment terms are flexible with T/T options available.
With a supply ability of 1000pcs per month, the FOVA Mini3 Photoelectric Pod offers consistent availability for large-scale projects and continuous operations. Its expanded body size of 200*145*56 mm, along with a maximum descent speed of 3.5 m/s and flight time of 32 minutes, further expands its applicability in various industries and use cases.

Customization:

Product Customization Services for the Photoelectric Pod:
Brand Name: FOVA
Model Number: FOVA Mini3
Place of Origin: SHENZHEN
Certification: ROHS
Minimum Order Quantity: 100
Price: Negotiable
Delivery Time: 15
Payment Terms: T/T
Supply Ability: 1000pcs/Month
Mounting Type: Threaded
Connection Type: M12 Connector
Protection Class: IP67
Supply Voltage: 5V DC
Output Type: Digital
Expanded Body Size: 200*145*56 mm
Wheelbase: 214 mm
Max.Flight Time: 32 min

Support and Services:

The Photoelectric Pod product comes with comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to assist with any product-related inquiries, troubleshooting, and maintenance needs. Additionally, we offer installation services to help you set up the Photoelectric Pod device correctly for efficient operation. Our goal is to provide a seamless user experience and reliable support for your product.

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