

2.5GHz Bandwidth Waterproof Drone omnidirectional antenna With 360° Horizontally Rotation

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2441
- Minimum Order Quantity: 1
- Price: 5000USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year



Product Specification

- Frequency Band: 1400-1460MHz(562-612MHz)
- RF Channel: 2T2R
- Bandwidth: 2.5/5/10/20/40MHz
- Motor Torque: 30N*m
- Size: 120*90*40mm
- LAN Interface: Waterproof Aviation Connector
- Rotation Angle: 360° Horizontally, 90° Vertically
- Encryption: AES128
- Highlight: Omnidirectional Waterproof Drone Antenna, 2.5GHz Waterproof Drone Antenna, Drone omnidirectional antenna



More Images



Product Description



Product Description:

The Drone Data Link product has a battery life of around 4 hours, which is perfect for extended drone operations. This enables the operator to perform their tasks without worrying about the drone losing connection due to a dead battery. The product's frequency band ranges from 1400-1460MHz(562-612MHz), which is a commonly used frequency range for drones and UAVs.

The Drone Data Link product comes with a 2T2R RF channel, which means that it has two transmit and two receive channels. This enhances the reliability of the communication system between the drone and the operator. The product's bandwidth is 2.5/5/10/20/40MHz, which gives the operator the flexibility to choose the most suitable bandwidth for their specific application.

The Drone Data Link product is equipped with a high gain antenna, which is essential for drone operations. The high gain antenna ensures that the communication system remains stable even in areas with weak signal strength. The product also comes with a directional antenna, which allows the operator to focus the signal in a specific direction. This is especially useful for drone operations that require a high level of precision.

In summary, the Drone Data Link product is an essential tool for drone operators. It provides a reliable and efficient communication system between the drone and the operator on the ground. The product's power supply is a DC12, and it has a battery life of around 4 hours. The product's frequency band ranges from 1400-1460MHz(562-612MHz), and it comes with a 2T2R RF channel and a bandwidth of 2.5/5/10/20/40MHz. The product is equipped with a high gain antenna and a directional antenna, which makes it ideal for drone operations that require a high level of precision.

Features:

Product Name: Drone Data Link

Motor Torque: 30N*m

Battery Life: Around 4 Hours

Rotation Angle: 360° Horizontally, 90° Vertically

LAN interface: Waterproof Aviation Connector

RF Channel: 2T2R

Drone video transmission antenna

VTOL UAV drone high gain antenna

Long Distance drone antenna

Technical Parameters:

Technical Parameter	Description
Encryption	AES128
LAN interface	Waterproof Aviation Connector
Motor Torque	30N*m
RF interface	N*2,SMA*1
Power Supply	DC12

Frequency Band	1400-1460MHz(562-612MHz)
RF Channel	2T2R
IP Rating	IP65
Power consumption	<High Power
Maximum Motor Speed	0.21s/60°

Our Drone Data Link product is compatible with drone PTZ antenna, VTOL UAV drone tracking antenna, and drone vtol uav directional antenna.

Applications:

The LAN interface is designed with a waterproof aviation connector to ensure durability and reliable connections, while the RF interface features N*2 and SMA*1 connectors for flexibility in antenna selection. The power interface is also equipped with a waterproof aviation connector for safe and secure power supply.

One of the standout features of this product is its frequency band of 1400-1460MHz (562-612MHz), which provides stable and high-quality signal transmission. The ZKMANET2441 is compatible with a variety of drone models, including UAV, VTOL, and PTZ drones. With a minimum order quantity of just one, this product is accessible to all drone enthusiasts and professionals. The price is set at 5000USD/PC, but the quality and reliability of this product make it well worth the investment.

The ZKMANET2441 Drone Data Link product is packaged in a sturdy carton for safe transportation and has a delivery time of 15 days. Payment terms are TT, and the supply ability is 10000pcs/year, ensuring that this product is readily available for all customers.

Some product application occasions and scenarios for the ZKMANET2441 include:

Drone surveys of large areas, such as for agriculture or land management

Drone inspections of infrastructure, such as power lines or bridges

Drone search and rescue operations, where long-distance communication is critical

Drone filming and photography, where stable and high-quality signal transmission is essential

With its compatibility with drone UAV VTOL directional antenna, drone vtol uav directional antenna, and drone PTZ antenna, the ZKMANET2441 Drone Data Link product is versatile and adaptable to a variety of drone applications. Get yours today and experience reliable, long-distance communication with your drone!

Customization:

The Drone Data Link product has a battery capacity of 15.6Ah/12.6A which provides long-lasting power. The data rate is 30Mbps, allowing for fast and efficient transfer of data. The RF interface includes N*2 and SMA*1, ensuring compatibility with a variety of devices. The size of the product is 120*90*40mm, making it compact and easy to use. The angle accuracy is $\pm 2^\circ$, ensuring precise and accurate measurements.

Our customization services include the option to add a drone vtol uav directional antenna, drone tracking antenna, or drone vtol uav directional antenna to the product to enhance its capabilities. Contact us today to learn more about our product and customization services.

Support and Services:

The Drone Data Link product offers comprehensive technical support and services to ensure our customers have the best experience when using our product. Our team of experts is available to help with installation, configuration, and troubleshooting. We also provide regular software updates to improve the performance and functionality of the product.

Our technical support team is available 24/7 to answer any questions or concerns our customers may have. We offer both phone and email support, and our response times are fast to ensure minimum downtime.

In addition, we provide training and certification programs for customers who want to become experts in using our product. Our training programs cover everything from basic usage to advanced features, and our certification program provides recognition of expertise in the industry.

Our goal is to provide the best possible support and services to our customers, so they can get the most out of their Drone Data Link product.

Packing and Shipping:

Product Packaging:

The Drone Data Link product will be packaged in a sturdy cardboard box with foam inserts to protect the product during shipping. The product will also come with a user manual and a USB cable for charging.

Shipping:

The Drone Data Link product will be shipped via standard shipping methods. Shipping will be calculated at checkout based on the destination and shipping method selected. Customers can expect their product to arrive within 5-7 business days.

FAQ:

Frequently Asked Questions about ZKMANET Drone Data Link:

Q: What is the model number of this product?

A: The model number of this product is ZKMANET2441.

Q: Where is this product made?

A: This product is made in Shenzhen.

Q: Does this product have any certifications?

A: Yes, this product is CE certified.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 1.

Q: What is the price of this product?

A: The price of this product is 5000USD/PC.
Q: What are the packaging details of this product?
A: The packaging details of this product are carton.
Q: What is the delivery time for this product?
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A: The supply ability for this product is 10000pcs/year.

ZKMANET Zhongke Lianxun (Shenzhen) Technology Co., Ltd

 +86 13266718951  Info@chinamanet.com  zkmanet.com

203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants
Street, Nanshan District, Shenzhen, China