

ZKMANET2441 Ultra Long Range Drone Data Link with AES128 Encryption and Precision Control

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

- Transmission Range: 30-50km(LOS)
- Motor Torque: 30N*m
- Maximum Motor Speed: 0.21s/60°
- Weight: 2.5kg(w/battery)
- Angle Accuracy: $\pm 2^\circ$
- Encryption: AES128
- Output Power: 4W
- Frequency Band: 1400-1460MHz(562-612MHz)
- Highlight: **AES128 Encryption Drone Data Link,
Ultra Long Range Drone Data Link,
Precision Control Drone Data Link**



More Images



Product Description



Product Description:

The Drone Data Link offers an impressive maximum motor speed of 0.21s/60° ensuring you have precise control over your drone, making it easier to navigate and capture stunning aerial photographs and videos. The power interface is a waterproof aviation connector, which ensures that the device is fully protected from any moisture or water damage. The power supply is a DC12, which is a safe and efficient power source that allows you to use the device without any concerns about overheating.

The Drone Data Link boasts an impressive data rate of 30Mbps, making it one of the fastest and most reliable devices on the market. This ensures that you have a seamless streaming experience when transmitting high-quality videos and images from your drone to your device. Whether you're tracking a VTOL UAV drone with ease, capturing stunning aerial footage, or simply enjoying the thrill of flying your drone, the Drone Data Link has you covered.

The device comes equipped with a drone video transmission antenna, which ensures that you have a strong and stable connection with your drone. The drone UAV VTOL directional antenna is a powerful tool that helps you maintain a strong connection with your drone, even in areas with weak signals. This means that you can explore even the most remote areas without worrying about losing your drone's connection.

In conclusion, if you're looking for a reliable and efficient way to communicate with your drone, the Drone Data Link is the perfect solution. With its impressive features, including a waterproof aviation connector, DC12 power supply, and high-speed data transfer rate, this device is the ideal choice for anyone who wants to take their drone flying experience to the next level.

Features:

Product Name: Drone Data Link

Power interface: Waterproof Aviation Connector

Rotation Angle: 360° Horizontally, 90° Vertically

Encryption: AES128

Battery Life: Around 4 Hours

Output power: 4W

Drone video transmission antenna

Long Distance drone antenna

Drone UAV SDR image transmission antenna

Technical Parameters:

Weight	2.5kg(w/battery)
LAN interface	Waterproof Aviation Connector
Frequency Band	1400-1460MHz(562-612MHz)
Maximum Motor Speed	0.21s/60°
Working Temp	-20 - +60
Type	Directional Antenna
Bandwidth	2.5/5/10/20/40MHz
Encryption	AES128
Power Supply	DC12
Motor Torque	30N*m

Applications:

ZKMANET2441 is a high-quality drone data link product that is manufactured in Shenzhen, China. With CE certification, this product is designed to provide reliable and efficient data transmission between drones and ground control stations.

The ZKMANET2441 is equipped with a high gain antenna that provides a stable and strong signal for the drone. This feature enables the drone to fly in challenging environments, such as mountainous areas, forests, and urban areas. The drone data link product is ideal for VTOL UAV and other types of drones that require a reliable data link for safe and efficient operations.

The ZKMANET2441 drone data link product is suitable for a variety of applications and occasions. It is ideal for drone tracking and surveillance in industries such as agriculture, forestry, and environmental protection. The drone data link product is also suitable for use in search and rescue operations, emergency response, and disaster management.

With an omnidirectional antenna, the ZKMANET2441 drone data link product provides a wide coverage area. This feature makes it easier to track and monitor the drone's location, even when it is flying at a high altitude. The drone data link product is also suitable for use in remote areas where there is no cellular network coverage.

The ZKMANET2441 drone data link product is designed to operate in a wide range of temperatures. It can withstand temperatures ranging from -20 to +60, making it suitable for use in harsh environments. The drone data link product is also equipped with a waterproof aviation connector, which ensures that it can operate in wet and humid conditions.

The ZKMANET2441 drone data link product has a transmission range of 30-Long Distance (LOS) and an angle accuracy of $\pm 2^\circ$. This feature enables the drone to maintain a stable connection with the ground control station, even when it is far away. The drone data link product is also equipped with a 4W output power, which ensures that the signal is strong and stable.

The ZKMANET2441 drone data link product has a minimum order quantity of 1 and is priced at 5000USD/PC. It is packaged in a carton and has a delivery time of 15 days. Payment terms are TT, and the supply ability is 10000pcs/year.

Customization:

We also offer customization services for drone omnidirectional antenna, VTOL UAV drone tracking antenna, and drone tracking antenna.

Support and Services:

The Drone Data Link product comes with comprehensive technical support and services to ensure optimal performance and user satisfaction. Our dedicated team of technical experts is available to assist with any product-related inquiries or issues, including but not limited to:

- Installation and setup
- Troubleshooting and diagnosis
- Software updates and maintenance
- Compatibility and integration
- Training and education

In addition, we offer ongoing support and service packages to help our customers get the most out of their Drone Data Link product. These packages may include:

- 24/7 technical support
- Regular product maintenance and check-ups
- Access to exclusive software updates and features
- Discounts on future product purchases

At Drone Data Link, we are committed to providing the highest level of technical support and services to our customers. Contact us today to learn more about our product support options.

Packing and Shipping:

Product Packaging:
Drone Data Link unit
Antenna
Power supply
Instruction manual
Shipping:
Ships within 2 business days

Free shipping within the US

International shipping available at an additional cost

FAQ:

Here are some frequently asked questions about the ZKMANET2441 Drone Data Link:

Q: What is the brand name of this product?

A: The brand name of this product is ZKMANET.

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 for this product?

A: The packaging details for this product are carton.

Q: What is the delivery time for this product?

A: The delivery time for this product is 15 days.

Q: What are the payment terms for this product?

A: The payment terms for this product are TT.

Q: What is the supply ability for this product?

A: The supply ability for this product is 10000pcs/year.

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