

Long Distance Drone Data Link With AES Encryption Up To 82 Mbps Data Rate

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2451UM
- Minimum Order Quantity: 1
- Price: 2000USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT, L/C, D/A, D/P, Western Union, MoneyGram
- Supply Ability: 10000pcs/year




Product Specification

- Network Size: 64 Nodes
- RF Channel: 2T2R
- Power Consumption: <12w
- Data Rate: Up To 82 Mbps
- Working Temp: -40°C- +65°C
- Encryption: AES
- Bandwidth: 5/10/20/40MHz
- Size: 120*90*40mm
- Highlight: Long Distance Drone Data Link,
AES Encryption Drone Data Link,
82 Mbps Drone Data Link

Product Description

Product Description:

The Drone Data Link is a state-of-the-art anti-drone system that boasts a network size of 64 nodes, making it ideal for large-scale drone operations. With its advanced AES encryption technology, this product provides a secure and reliable data link that ensures your drone remains secure and protected from any potential threats.

One of the key features of the Drone Data Link is its impressive bandwidth options of 5/10/20/40MHz, which allows for fast and efficient data transfer rates. This ensures that your drone remains responsive and agile, even in the most demanding environments.

Another impressive feature of the Drone Data Link is its impressive transmission range of 40-Long Distance (LOS). This means that your drone can operate over vast distances, making it ideal for a range of industries, including search and rescue, surveillance, and mapping. Despite its impressive capabilities, the Drone Data Link is incredibly lightweight, weighing just 450g. This makes it easy to transport and install, ensuring that you can take full advantage of its capabilities without compromising on your drone's performance.

In conclusion, if you're looking for a reliable and secure drone detection device that can enhance the functionality of your drone and provide a secure data link, the Drone Data Link is the product for you. With its advanced AES encryption, impressive bandwidth options, and vast transmission range, this product is a must-have for any serious drone operator.

Features:

Product Name: Drone Data Link

Output power: 4w

Bandwidth: 5/10/20/40MHz

RF Channel: 2T2R

Weight: 450g

Size: 120*90*40mm

Drone Data Link is a Drone UAV SDR radio that serves as a Drone Detection Device. It is equipped with an output power of 4w, bandwidth options of 5/10/20/40MHz, and an RF Channel of 2T2R. It has a compact size of 120*90*40mm and weighs only 450g, making it easy to carry and install.

Technical Parameters:

IP Rating	IP54
RF Channel	2T2R
Data Rate	Up To 82 Mbps
Frequency Band	1400-1460MHz
Transmission Range	40-Long Distance(LOS)
Network size	64 Nodes
Size	120*90*40mm
Type	Data Link System
Power consumption	<12w
Weight	450g

Applications:

ZKMANET Drone Data Link ZKMANET2451UM is a high-performance SDR radio designed to provide reliable and secure communication between a ground control station and UAV drones. With a data rate of up to 82 Mbps and bandwidth options of 5/10/20/40MHz, this device can transmit real-time video and telemetry data from the drone to the control station, enabling operators to make timely decisions and take immediate actions.

The ZKMANET Drone Data Link is a versatile product that can be used in various scenarios and occasions. Firstly, it can be used for drone detection and identification. In recent years, drones have become a popular tool for various applications, but they also pose a potential threat to security and privacy. The ZKMANET Drone Data Link can help authorities and organizations to detect and identify drones in the air, and track their movements to prevent potential risks.

Secondly, the ZKMANET Drone Data Link is suitable for commercial drone UAV data link. Commercial drones are used in various industries such as agriculture, construction, and logistics. The ZKMANET Drone Data Link can provide a stable and secure communication link between the drone and the control station, ensuring the safety and efficiency of the operation.

Lastly, the ZKMANET Drone Data Link is perfect for drone UAV research and development. As an SDR radio, it can be customized to meet specific requirements and support different protocols and frequencies. Researchers and developers can use the ZKMANET Drone Data Link to test and evaluate their drone systems, and improve their performance and reliability.

The ZKMANET Drone Data Link is certified by CE and has a minimum order quantity of 1. The price of the product is 2000USD/PC, and it comes in a carton packaging. The delivery time is 15days, and the payment terms are TT. The supply ability of the product is 10000pcs/year. The product size is 120*90*40mm, and the weight is 450g. It has an RF channel of 2T2R, making it an ideal solution for drone communication.



Customization:

The ZKMANET2451UM model is certified with CE and originates from Shenzhen. It comes with a powerful encryption technology AES, which provides secure data transmission. It has a data rate of up to 82 Mbps and a transmission range of 40-Long Distance (LOS), making it a great choice for long-distance drone flights.

The Drone Data Link product has a power supply of 12V-24V DC and measures 120*90*40mm in size. It is available for a minimum order quantity of 1 and costs 2000USD/PC. The packaging details include a carton and the delivery time is 15 days. Payment terms are TT and we have a supply ability of 10000pcs/year.

Support and Services:

The Drone Data Link product comes with the following technical support and services:

24/7 technical support via phone or email

Access to our online knowledge base and user forum

Free software updates for the life of the product

Repair and replacement services for any defective parts

Training and educational resources for new users

Customization services to meet specific customer needs

Our technical support team is dedicated to ensuring that our customers have a seamless experience with our product. If you encounter any issues or have any questions, please reach out to us for assistance.

Packing and Shipping:

Product Packaging:

The Drone Data Link product comes in a sturdy cardboard box with the product name and image printed on it. The box includes:

The Drone Data Link device

Instruction manual

USB cable for charging

Antenna

Shipping:

The Drone Data Link product will be shipped within 2 business days of placing the order. We offer free shipping within the United States. For international orders, shipping fees will apply based on the destination country. The product will be shipped in a secure package to ensure the safety of the device during transit.

FAQ:

Here are the answers to some frequently asked questions about our ZKMANET2451UM 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 ZKMANET2451UM.

Q: Where is this product manufactured?

A: This product is manufactured in Shenzhen.

Q: Does this product have any certifications?

A: Yes, this product has CE certification.

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

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

Q: How much does this product cost?

A: The price for this product is 2000USD/PC.

Q: How is this product packaged?

A: This product is packaged in cartons.

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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