

Compact and Lightweight Drone Data Link 102*52*21.5mm 124g 5w Power Consumption

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2421UM
- Minimum Order Quantity: 1
- Price: 500USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year



Product Specification

- Transmission Range: 15km (LOS)
- Encryption: ZUC/SNOW3G/AES Optional
- Power Supply: DC12V
- Bandwidth: 1.4/3/5/10/20MHz
- LAN Interface: RJ45*2,TTL*1
- Frequency Band: 800MHz/1.4GHz /2.4GHz
- Working Temp: -40°C- +65°C
- Power Consumption: <5w
- Highlight: **5w Power Consumption Drone Data Link, Compact Drone Data Link, Lightweight Drone Data Link**



More Images





Product Description



Product Description:

With a transmission range of up to 15 kilometers (LOS), this drone mesh video link can provide reliable data transmission for your drones, even in long-distance missions. It operates on various frequency bands, including 800MHz, 1.4GHz, and 2.4GHz, providing flexibility and compatibility with different drone systems.

The Drone Data Link offers a wide range of bandwidth options, including 1.4/3/5/10/20MHz, which enables you to choose the bandwidth that best suits your needs. This product is perfect for drones used in various industries, such as agriculture, construction, and surveillance.

If you need a reliable drone communication and data transmission link, the Drone Data Link is the perfect product for you. It is energy-efficient, has a long transmission range, and offers different bandwidth options, making it a versatile and reliable device for your drones. Get yours today and experience seamless data transmission for your uncrewed aerial vehicle data linkage needs.

Features:

- Product Name: Drone Data Link
- Power consumption: <5w
- Data rate: 30Mbps(MAX)
- LAN interface: RJ45*2, TTL*1
- Power Supply: DC12V
- Frequency Band: 800MHz/1.4GHz/2.4GHz
- Provides a Remote Controlled Aircraft Data Network
- Offers UAV Data Relay and Control Link
- Enables Uncrewed Aerial Vehicle Data Linkage

Technical Parameters:

Product Attribute	Value
Type	Drone MESH Video Link
Output power	25dBm
Data rate	30Mbps(MAX)
Encryption	ZUC/SNOW3G/AES Optional
Power consumption	<5w
Power Supply	DC12V
LAN interface	RJ45*2,TTL*1
Size	102*52*21.5mm

RF Channel	1T2R
Weight	124g

This product is an Unpiloted Flying Machine Data Link, also known as an Aerial Robot Data Exchange Connection, or an Autonomous Airborne Data Relay System.

Applications:

With an output power of 25dBm, the ZKMANET2421UM is a powerful remote-controlled aircraft data network that provides stable and reliable data transmission for unpiloted flying machine data links. This product is ideal for UAV data relay and control links, making it an essential tool for drone pilots and operators.

The ZKMANET2421UM has a transmission range of 15km (LOS) and features an RF channel of 1T2R. This product can transmit data at a maximum rate of 30Mbps, which is ideal for transferring high-quality video and other data. The power supply for this product is DC12V, making it easy to use in a variety of settings.

The ZKMANET2421UM is an excellent product for a range of applications. It is perfect for use in agriculture and forestry, where drones are used to monitor crops and forests. It is also useful in the energy sector, where drones are used to inspect power lines and wind turbines. Additionally, this product is ideal for use in search and rescue operations, where drones are used to search for missing persons or survey disaster areas.

In conclusion, the ZKMANET2421UM is a reliable and efficient drone data link designed to provide stable and secure data transmission for remote-controlled aircraft data networks. With its powerful output, long-range transmission capabilities, and high data transfer rate, this product is an essential tool for UAV data relay and control links.

Customization:

Support and Services:

Our Drone Data Link product is accompanied by top-notch technical support and services to ensure smooth and efficient operation. Our technical support team is available to assist with any product-related inquiries or issues, including:

Installation and setup

Troubleshooting

Software updates and upgrades

General product information

In addition to technical support, we also offer a range of services to enhance the usability and functionality of our Drone Data Link product:

Customization and integration with existing systems

Training for operators and maintenance personnel

On-site support for large-scale installations or complex configurations

Our goal is to provide our customers with the best possible experience when using our products, and our technical support and services are a key part of achieving that goal.

Packing and Shipping:

Product Packaging:

The Drone Data Link product will be packaged in a sturdy cardboard box to ensure safe transportation. The box will be labeled with the product name and company logo for easy identification.

Inside the box, the product will be securely wrapped in bubble wrap to prevent any damage during shipping. The package will also include a user manual and any necessary cables or accessories.

Shipping:

We offer standard shipping for the Drone Data Link product. Shipping rates and delivery times will vary depending on the destination and shipping method selected at checkout.

All orders will be processed and shipped within 1-2 business days. Once the order has been shipped, customers will receive a tracking number via email to track their package.

Please note that we currently only ship within the United States. We apologize for any inconvenience this may cause.

FAQ:

Here are some frequently asked questions and answers about the ZKMANET2421UM Drone Data Link:

Q: What is the range of the ZKMANET2421UM Drone Data Link?

A: The maximum range of the ZKMANET2421UM Drone Data Link is 10 kilometers.

Q: Is the ZKMANET2421UM Drone Data Link compatible with all drones?

A: The ZKMANET2421UM Drone Data Link is compatible with most drones that have a USB interface and a flight control system.

Q: What certifications does the ZKMANET2421UM Drone Data Link have?

A: The ZKMANET2421UM Drone Data Link has CE certification, indicating that it meets the safety, health, and environmental protection standards for products sold within the European Economic Area.

Q: What is the price of the ZKMANET2421UM Drone Data Link?

A: The price of the ZKMANET2421UM Drone Data Link is 500USD/PC.

Q: What is the delivery time for the ZKMANET2421UM Drone Data Link?

A: The delivery time for the ZKMANET2421UM Drone Data Link is 15 days after payment is received.

Q: What payment terms are available for purchasing the ZKMANET2421UM Drone Data Link?

A: The available payment term for purchasing the ZKMANET2421UM Drone Data Link is TT, or telegraphic transfer.

Q: What is the minimum order quantity for the ZKMANET2421UM Drone Data Link?

A: The minimum order quantity for the ZKMANET2421UM Drone Data Link is 1.

Q: What is the supply ability for the ZKMANET2421UM Drone Data Link?

A: The supply ability for the ZKMANET2421UM Drone Data Link is 10000pcs/year.

Q: Where is the ZKMANET2421UM Drone Data Link manufactured?

A: The ZKMANET2421UM Drone Data Link is manufactured in Shenzhen, China.

Q: What is the packaging for the ZKMANET2421UM Drone Data Link?

A: The ZKMANET2421UM Drone Data Link is packaged in cartons.

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