120*90*40mm Drone Data Link with Frequency Band 300MHz-3.8GHz Customizable RF Channel 2T2R

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: 1500USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year

Product Specification

- IP Rating: IP54
- Interface: LAN/TTL;HDMI
- Weight: 450g
- Type: Drone MESH Video Link
- Transmission Range: 50km (LOS)
- Bandwidth: 5/10/20/40MHz
- Power Consumption: <12w
- Output Power: 4W
- Highlight: **Customizable RF Channel Drone Data Link**, **2T2R Drone Data Link**, **300MHz-3.8GHz Drone Data Link**

More Images

Product Description

无人机端设备

伺服地面站设备

Product Description:

The Drone Data Link is a powerful device that requires a DC12-24V power supply. It is built with an IP54 rating, making it robust and durable enough to withstand harsh weather conditions. With a transmission range of 50km (LOS), this product can cover a considerable distance, ensuring that you stay connected to your drone regardless of its location.

The Drone Data Link is equipped with AES encryption, which guarantees secure and reliable communication between your drone and the ground station. This encryption ensures that all data transmitted between the drone and the ground station is encrypted, preventing unauthorized access and ensuring that your data is safe.

The Drone Data Link comes with multiple interfaces, including LAN/TTL and HDMI, making it compatible with most devices. The LAN/TTL interface allows for easy integration with your drone's flight controller, while the HDMI interface enables you to connect to a monitor or display for real-time video streaming.

In summary, the Drone Data Link is a must-have device for anyone who wants to ensure smooth data exchange between their drone and the ground station. Its robust design, long transmission range, and secure encryption make it the ideal solution for any drone communication and data transmission link needs.

Features:

Product Name: Drone Data Link

Weight: 450g

Bandwidth: 5/10/20/40MHz

Transmission Range: 50km (LOS)

Working Temp: -40℃- +65℃

Power Supply: DC12-24V

This product is an Autonomous Airborne Data Relay System designed for Uncrewed Aerial Vehicle Data Linkage.

Technical Parameters:

Power Supply:	DC12-24V
Transmission Range:	50km (LOS)
RF Channel:	2T2R
Data rate:	30Mbps(MAX)
Bandwidth:	5/10/20/40MHz
Frequency Band:	300MHz-3.8GHz Customizable
IP Rating:	IP54
Size:	120*90*40mm
Weight:	450g
Encryption:	AES

This table displays the technical parameters of the Drone Data Link product, which provides a secure and reliable Uncrewed Aerial Vehicle Data Linkage system for Remote Controlled Aircraft Data Networks. The system offers a Transmission Range of up to 50km (LOS), with a Data rate of 30Mbps(MAX), and a Bandwidth of 5/10/20/40MHz. The Frequency Band is customizable, ranging from 300MHz to 3.8GHz. The product has an IP Rating of IP54, and measures 120*90*40mm, weighing 450g. Data transmission is encrypted using AES, ensuring maximum security for the Unmanned Aerial Vehicle Data Communication System.

Applications:

The Drone Data Link is suitable for a variety of industries that utilize UAVs, such as agriculture, surveying, mapping, and search and rescue. It is particularly useful in scenarios where access is limited or dangerous for human operators, as it allows for remote control and monitoring of the UAV.

The Drone Data Link is also ideal for use in military and security applications, where it can be used to establish a secure and encrypted link between the UAV and the ground control station. This ensures that sensitive data and information are not intercepted by unauthorized sources.

With a transmission range of up to 50km (LOS), the Drone Data Link is capable of providing reliable communication over long distances, making it suitable for use in large-scale agricultural operations or search and rescue missions.

The product's wide bandwidth options (5/10/20/40MHz) and 4W output power enable it to handle high volumes of data and video transmissions, ensuring accuracy and clarity in the data received.

The Drone Data Link's LAN/TTL and HDMI interfaces provide flexibility in connecting to different types of ground control stations and equipment, making it a versatile tool for a variety of UAV applications.

ZKMANET's Drone Data Link is CE certified and has a minimum order quantity of 1. It is priced at 1500USD/PC and packaged in cartons for delivery. The product has a delivery time of 15 days and payment terms of TT. With a supply ability of 10000pcs/year and weighing only 450g, the Drone Data Link is a lightweight and reliable tool for unpiloted flying machine data link, uncrewed aerial vehicle data linkage, and remotely piloted aircraft data link.

Customization:

We also offer customization options for bandwidth, with options of 5/10/20/40MHz, and frequency band which is customizable from 300MHz-3.8GHz. Our IP rating is IP54 and our encryption is AES. The RF channel is 2T2R.

Support and Services:

The Drone Data Link product technical support and services include:

Assistance with product installation and configuration

Troubleshooting of technical issues related to product performance

Updates and maintenance of the product software

Training and guidance on how to use the product

Consulting services for custom integration or development needs

Packing and Shipping:

Product Packaging:

1 Drone Data Link device

1 Antenna

1 USB cable

1 User manual

1 Warranty card

Shipping:

Ships within 2 business days

Free standard shipping in the US

International shipping available at an additional cost

Tracking number provided

FAQ:

Q: What is the brand name of this product?
A: The brand name is ZKMANET.
Q: What is the model number of this product?
A: The model number 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 is CE certified.
Q: What is the minimum order quantity for this product?
A: The minimum order quantity is 1.
Q: What is the price of this product?
A: The price is 1500USD/PC.
Q: How is this product packaged?
A: This product is packaged in a carton.
Q: What is the delivery time for this product?
A: The delivery time is 15 days.
Q: What are the payment terms for this product?
A: The payment terms are TT.
Q: What is the supply ability for this product?
A: The supply ability is 10000pcs/year.