Unmanned Aerial Vehicle Data Communication System LAN/TTL Interface for 50km LOS Transmission Range

Our Product Introduction

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

- Frequency Band: 300MHz-3.8GHz Customizable)
- Data Rate: 30Mbps(MAX)
- Bandwidth: 5/10/20/40MHz
- Working Temp: -40℃- +65℃
- Encryption: AES
- IP Rating: IP54
- Weight: 450g
- Interface: LAN/TTL;HDMI
- Highlight: **Unmanned Aerial Vehicle Data Communication System**
  , **UAV Data Communication System**,
  50km LOS UAV Data Link

More Images

Product Description

Product Description:

The power supply required for our product is DC12-24V, ensuring compatibility with a wide range of drones and UAVs. Our data link offers a maximum data rate of 30Mbps, ensuring fast and reliable communication between the drone and the operator. This high data rate is essential for real-time video transmission, as well as data collection and analysis.

In addition to its impressive performance, our drone data link is also energy-efficient, with a power consumption of less than 12w. This means that drone pilots can operate for longer periods without worrying about battery life or additional power supply.

The compact size of our drone data link is another advantage, measuring just 120*90*40mm. This makes it easy to mount on the drone and does not add unnecessary weight or bulk.

In summary, our Drone Data Link product is the perfect solution for Remotely Piloted Aircraft Data Link, Uncrewed Aerial Vehicle Data Linkage, and Unmanned Aerial Vehicle Data Communication System. With its high output power, fast data rate, energy efficiency, and compact size, it is the ideal choice for drone pilots who demand the best performance and reliability from their equipment.

Features:

Product Name: Drone Data Link

Output power: 4W

IP Rating: IP54

Type: Drone MESH Video Link

Bandwidth: 5/10/20/40MHz

Data rate: 30Mbps(MAX)

Drone Data Link is a communication and data transmission link designed for uncrewed aerial vehicle data linkage and remote controlled aircraft data network. It provides a powerful output of 4W and has an IP rating of IP54. The Drone MESH Video Link type enables reliable and efficient communication with bandwidth options of 5/10/20/40MHz. With a data rate of 30Mbps(MAX), Drone Data Link is a reliable and efficient solution for all your drone communication and data transmission needs.

Technical Parameters:

Technical Parameter	Value
Product Type	Drone MESH Video Link
Weight	450g
Size	120*90*40mm
Frequency Band	300MHz-3.8GHz Customizable
RF Channel	2T2R
Encryption	AES
Transmission Range	50km (LOS)
IP Rating	IP54
Power Supply	DC12-24V
Power Consumption	<12w

This Drone MESH Video Link is a part of the Remotely Piloted Aircraft Data Link or Remote Controlled Aircraft Data Network. It is a type of Unmanned Aerial Vehicle Data Communication System.

Applications:

The ZKMANET2451UM is made in Shenzhen and is CE certified, ensuring its quality and safety. It has a minimum order quantity of 1 and is priced at 1500USD/PC. The product comes in a carton packaging and has a delivery time of 15 days. Payment terms for this product are TT and it has a supply ability of 10000pcs/year.

This product is built to withstand extreme temperatures, with a working temperature range of -40℃ to +65℃. It has a data rate of 30Mbps(MAX) and a power consumption of less than 12w. The ZKMANET2451UM has an interface of LAN/TTL and HDMI that makes it versatile and easy to use.

The ZKMANET2451UM has an output power of 4W, making it an excellent choice for those who need a high-powered Drone Data Link product. It can be used in a variety of scenarios, including search and rescue operations, aerial photography, surveillance, and more. With the ZKMANET2451UM, users can enjoy a fast and reliable Aerial Robot Data Exchange Connection that can keep up with their needs. Whether you're a professional photographer, a first responder, or a hobbyist, this product is an excellent choice for your UAV Data Relay and Control Link needs.

Customization:

The output power of our product is 4W and the power supply required is DC12-24V. The size of the product is 120*90*40mm and it can operate in a wide range of temperatures from -40℃ to +65℃. The data rate of our Unmanned Aerial Vehicle Data Communication System is 30Mbps(MAX).

Contact us for product customization services for the Remotely Piloted Aircraft Data Link - Model Number ZKMANET2451UM to suit your specific needs and requirements.

Support and Services:

The Drone Data Link product provides technical support and services to ensure the smooth functioning of the device. Our team of experts is available to troubleshoot any issues that may arise during the setup or operation of the product. We also offer regular software updates to ensure that the product remains up-to-date with the latest technology and features. Additionally, we provide training and instructional materials to help users get the most out of the Drone Data Link product. Our goal is to provide exceptional customer service to ensure that our customers are satisfied with their purchase and experience using our product.

Packing and Shipping:

Product Packaging:
1 Drone Data Link device
1 Antenna
1 Power cable
1 User manual
Shipping:
Ships within 1-2 business days
Delivery time may vary depending on location
Shipping cost will be calculated at checkout
Tracking information will be provided once item has shipped

FAQ:

Here are some frequently asked questions about our Drone Data Link product:

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 has the CE certification.
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: What kind of packaging does this product come in?
A: This product comes in a carton.
Q: How long does it take to deliver this product?
A: It takes 15 days to deliver this product.
Q: What are the payment terms for this product?
A: The payment terms are TT.
Q: What is the supply ability of this product?
A: The supply ability is 10000pcs/year.