Long Range Drone Data Link for UAV Communication with IP54 Protection

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET3451UM
- Minimum Order Quantity: 1
- Price: 3000USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year

Product Specification
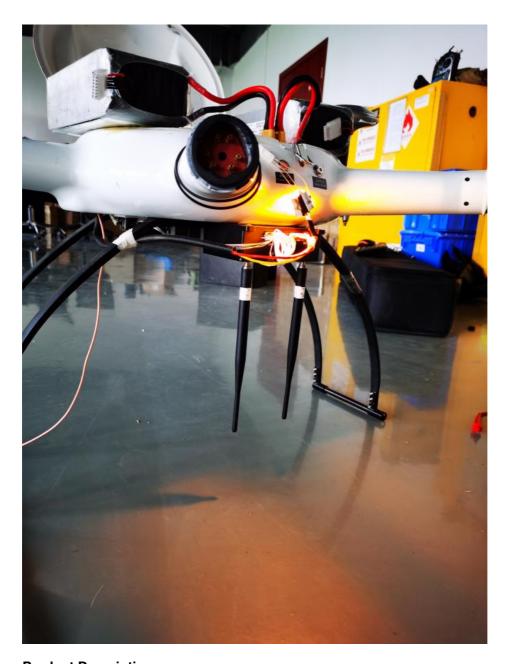
- Power Consumption: <12w
- Weight: 450g
- Bandwidth: 2.5/5/10/20MHz
- Power Supply: DC12V
- IP Rating: IP54
- Network Size: 64 Nodes
- Size: 120*90*40mm
- Output Power: 4w
- Highlight: **UAV Communication Drone Data Link**,
  Long Range Drone Data Link,
  IP54 Protection Drone Data Link

Product Description:

With a working temperature range of -40°C to +65°C, this product is built to withstand extreme weather conditions, making it ideal for use in both hot and cold environments. Additionally, its compact size of 120*90*40mm makes it easy to transport and install on any drone, without adding unnecessary weight or bulk.

The Drone Data Link product operates on a frequency band of 1400-1460MHz, providing a stable and interference-free connection that can easily cover distances of up to Long Distance. This makes it perfect for long-range missions and applications where reliable communication is critical.

With a data rate of up to 56Mbps, this product can transmit high-quality video and other data in real-time, allowing you to stay connected to your drone and monitor its operation with ease. Whether you're a professional photographer, videographer, or surveyor, this product is sure to meet all your data transmission needs.

What sets the Drone Data Link product apart from other similar products on the market is its advanced encryption technology. It uses AES encryption to ensure that all data transmitted between the drone and ground control station is secure and protected from unauthorized access. This feature is particularly important for applications where sensitive data is being transmitted, such as or surveillance missions.

In summary, the Drone Data Link product is an essential accessory for any drone operator looking for reliable and secure communication over long distances. With its Long Distance IP MESH radio, data rates up to 56Mbps, and advanced encryption technology, this product is sure to meet all your data transmission needs.

Features:

Product Name: Drone Data Link
Type: Data Link System

Network size: 64 Nodes
RF Channel: 2T2R
Bandwidth: 2.5/5/10/20MHz
IP Rating: IP54
This commercial drone UAV data link is perfect for drone detection devices and drone video transmission.

Technical Parameters:

Product Attribute	Value
Type	Data Link System
Size	120*90*40mm
IP Rating	IP54
Extending Interface	HDMI LAN TTL
Network size	64 Nodes
Power consumption	<12w
Working Temp	-40℃- +65℃
Transmission Range	40-Long Distance(LOS)
Bandwidth	2.5/5/10/20MHz
Power Supply	DC12V

Applications:

As a CE certified product, the ZKMANET drone data link is manufactured in Shenzhen, a city with a reputation for producing high-quality electronic products. It is built to IP54 standards, making it suitable for use in harsh environments. The DC12V power supply ensures that the drone video transmitter can be used for extended periods without any interruption.
The ZKMANET drone data link is an ideal solution for a wide range of applications. It can be used for aerial photography, surveying, monitoring, and inspection in various industries, including agriculture, construction, and security. The drone video transmitter is also widely used in the and defense sectors.
With a frequency band of 1400-1460MHz, the ZKMANET drone data link is compatible with most drone UAV SDR radios. It has a minimum order quantity of 1 and is priced at 3000USD/PC. The packaging details include a carton, and the delivery time is 15 days. Payment terms are TT, and the supply ability is 10000pcs/year.
In summary, the ZKMANET drone data link is a reliable and efficient product suitable for various drone data transmission scenarios. It is highly recommended for anyone looking for a high-performance drone video transmitter.

Customization:

Support and Services:

The Drone Data Link product technical support and services include:
Assistance with product installation and setup
Diagnosis and troubleshooting of product issues
Software updates and upgrades
Repair and replacement of defective hardware
Training and tutorials on product features and functionality
24/7 technical support via email or phone
For any technical assistance and support regarding the Drone Data Link product, please do not hesitate to contact us.

Packing and Shipping:

Product Packaging:
Drone Data Link device
Antenna
Power adapter
USB cable
User manual
Warranty card
Shipping:
Shipping method: Standard shipping
Estimated delivery time: 5-7 business days
Shipping cost: Free
Shipping address: Please provide a valid shipping address at checkout

FAQ:

Q1: What is the brand name of the drone data link?
A1: The brand name of the drone data link is ZKMANET.
Q2: What is the model number of the drone data link?
A2: The model number of the drone data link is ZKMANET3451UM.
Q3: Where is the drone data link manufactured?
A3: The drone data link is manufactured in Shenzhen, China.
Q4: Is the drone data link certified?
A4: Yes, the drone data link is certified with CE.
Q5: What is the minimum order quantity and price of the drone data link?
A5: The minimum order quantity of the drone data link is 1, and the price is 3000USD/PC. The packaging details are a carton, and the delivery time is 15 days. Payment terms are TT, and the supply ability is 10000pcs/year.