

## 450g Autonomous Airborne Data Relay System with LAN/TTL Interface Streamline Your Data Transmission

Our Product Introduction

for more products please visit us on [zkmanet.com](http://zkmanet.com)

### 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

- Working Temp: -40°C- +65°C
- Power Supply: DC12-24V
- Size: 120\*90\*40mm
- RF Channel: 2T2R
- Encryption: AES
- Interface: LAN/TTL;HDMI
- Output Power: 4W
- IP Rating: IP54
- Highlight: Autonomous Airborne Data Relay System,  
LAN Autonomous Airborne Data Relay System,  
TTL Autonomous Airborne Data Relay System



### More Images

ZKMANET



ZKMANET



ZKMANET



## Product Description

### Product Description:

The Drone Data Link utilizes a 2T2R RF channel for optimal performance and reliability. This allows for efficient data transmission and reception, ensuring that data is transferred accurately and quickly. The transmission range of the Drone Data Link is an impressive 50km (LOS), making it suitable for a wide range of applications, including surveying, mapping, search and rescue, and inspection. The Drone Data Link is powered by DC12-24V, making it compatible with most power sources commonly used in the drone industry. This ensures that the Drone Data Link can be easily integrated into existing drone systems without any compatibility issues. The Drone Data Link is a drone MESH video link, which means it is designed to work seamlessly with other drone MESH products. This allows for a more robust and reliable drone data linkage, ensuring that data is transmitted and received without any loss or interruption. In summary, the Drone Data Link is an essential component for any drone communication and data transmission link. Its ability to relay and control data between the drone and ground station makes it an indispensable tool for any uncrewed aerial vehicle data linkage. With its impressive transmission range, reliable performance, and compatibility with existing drone systems, the Drone Data Link is a must-have for any drone operator or enthusiast.

### Features:

Product Name: Drone Data Link

Type: Drone MESH Video Link

Weight: 450g

Power consumption: <12w

RF Channel: 2T2R

Transmission Range: 50km (LOS)

Drone Data Link is a communication and data transmission link designed for unmanned aerial vehicles. It is a remotely piloted aircraft data link that provides reliable and high-quality video transmission in a mesh network. With a weight of only 450g and a power consumption of less than 12w, it is an efficient and lightweight solution for drone communication. Its 2T2R RF channel and 50km transmission range (LOS) make it a reliable choice for long-range drone operations.

### Technical Parameters:

| Parameter          | Value                      |
|--------------------|----------------------------|
| Frequency Band     | 300MHz-3.8GHz Customizable |
| Type               | Drone MESH Video Link      |
| RF Channel         | 2T2R                       |
| Working Temp       | -40°C- +65°C               |
| Transmission Range | 50km (LOS)                 |
| Size               | 120*90*40mm                |
| Weight             | 450g                       |
| Output power       | 4W                         |
| Power Supply       | DC12-24V                   |
| Interface          | LAN/TTL;HDMI               |

This table lists the technical parameters of the Drone Data Link product. The Drone Data Link is an essential component of the Unpiloted Flying Machine Data Link, Aerial Robot Data Exchange Connection, and Unmanned Aerial Vehicle Data Communication System. It operates in the frequency band of 300MHz-3.8GHz Customizable and is a 2T2R type drone MESH video link. It has a working temperature range of -40°C- +65°C and a transmission range of 50km (LOS). The product size is 120\*90\*40mm, and it weighs 450g. It has an output power of 4W and a power supply of DC12-24V. Its interface includes LAN/TTL;HDMI.

### Applications:

The drone data link is designed to work in various scenarios and occasions, including surveillance, search and rescue, mapping, inspection, and more. Its compact size of 120\*90\*40mm makes it easy to install in different types of drones, from small quadcopters to large fixed-wing aircraft.

The drone data link offers a high data rate of 30Mbps(MAX) and supports both LAN/TTL and HDMI interfaces, allowing it to interface with a wide range of devices. It can operate in extreme temperatures ranging from -40°C to +65°C, making it suitable for use in harsh environments.

Manufactured in Shenzhen, the drone data link is CE certified, ensuring that it meets the highest quality and safety standards. The minimum order quantity is one, and it is competitively priced at 1500USD/PC, with packaging details of a carton. Delivery time is 15 days, and payment terms are TT. The product has a supply ability of 10000pcs/year.

In conclusion, ZKMANET's drone data link product, ZKMANET2451UM, is an ideal solution for remote controlled aircraft data network. It provides a reliable and stable UAV data relay and control link for a variety of applications, making it a valuable addition to any drone operator's toolkit.

### Customization:

The Drone Data Link product is made in Shenzhen and is certified with CE. It has a minimum order quantity of 1 and comes in a carton packaging. The price for our product is 1500USD/PC, and the delivery time is 15 days. We accept payment terms such as TT and have a supply ability of 10000pcs/year. Our product has an IP Rating of IP54 and runs on DC12-24V power supply.

### Support and Services:

The Drone Data Link product provides technical support and services to ensure the best performance and functionality. Our team of experts offers assistance with the installation, configuration, and troubleshooting of the product. We also provide regular software updates to improve the product's capabilities and address any issues that may arise. Additionally, we offer training and educational resources to help users get the most out of the product.

### Packing and Shipping:

Product Packaging:

[Drone Data Link](#)

[User Manual](#)

[USB Cable](#)

[Mounting Hardware](#)

Shipping:

[Shipping Method: Standard Shipping](#)

[Shipping Cost: \\$10](#)

[Expected Delivery Time: 5-7 business days](#)

[Tracking Number: Provided via email](#)

### FAQ:

**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 made?**

A: This product is made in Shenzhen.

**Q: Is this product certified?**

A: Yes, this product is CE certified.

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

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

**Q: What is the price of this product?**

A: The price of this product is 1500USD/PC.

**Q: What is the packaging of this product?**

A: The packaging of this product is carton.

**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 of this product?**

A: The supply ability of this product is 10000pcs/year.

**ZKMANET Zhongke Lianxun (Shenzhen) Technology Co., Ltd**



+86 13266718951



Info@chinamanet.com



zkmanet.com

203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants Street, Nanshan District, Shenzhen, China