

## IP54-Rated 450g Drone Video Transmission System with 4W Output Power and 40-Long Distance Range

Our Product Introduction

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### 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 Supply: DC12V
- IP Rating: IP54
- Bandwidth: 2.5/5/10/20MHz
- Output Power: 4w
- Data Rate: Up To 56Mbps
- Weight: 450g
- Transmission Range: 40-Long Distance(LOS)
- Type: Data Link System
- Highlight: **450g Drone Video Transmission System,  
40-Long Distance Drone Video Transmission System**

## Product Description



### Product Description:

The Drone Data Link product is designed to operate on a DC12V power supply, making it an efficient and cost-effective solution for data transmission needs. The lightweight design of this product, weighing only 450g, also makes it highly portable and easy to install in a variety of settings.

With a working temperature range of -40°C- +65°C, the Drone Data Link product is built to withstand even the harshest environments and weather conditions. This makes it an ideal solution for a variety of industries, including agriculture, mining, search and rescue, and more. The Drone Data Link product also boasts an impressive network size of 64 nodes, allowing for seamless data transmission between a large number of devices. This feature makes it an ideal solution for use in large-scale operations that require a high level of connectivity and data transmission.

In terms of frequency band, the Drone Data Link product operates on a range of 1400-1460MHz. This allows for reliable and uninterrupted data transmission, even in areas with high levels of interference.

The Drone Data Link product is also equipped with a drone video module, which allows for the transmission of high-quality video footage from drones to ground control stations in real-time. This feature is particularly useful for applications such as aerial surveillance, search and rescue operations, and more.

Overall, the Drone Data Link product is an essential component of any anti-drone system. Its advanced features, reliable performance, and ease of use make it an ideal solution for a variety of industries and applications.

### Features:

Product Name: Drone Data Link

Extending Interface: HDMI, LAN, TTL

Output power: 4w

Power Supply: DC12V  
Weight: 450g  
IP Rating: IP54  
Drone video module  
Drone video module  
Drone video module

Technical Parameters:

Technical Parameter	Value
IP Rating	IP54
Type	Data Link System
Encryption	AES
RF Channel	2T2R
Data Rate	Up To 56Mbps
Bandwidth	2.5/5/10/20MHz
Frequency Band	1400-1460MHz
Weight	450g
Output power	4w
Extending Interface	HDMI LAN TTL

This technical parameter table is for the Drone Data Link product. It is a commercial drone UAV data link system that enables drone video transmission and incorporates a drone video module. The product has an IP54 rating, uses AES encryption, has 2T2R RF channels, and can achieve data rates of up to 56Mbps. The bandwidth can be adjusted to 2.5/5/10/20MHz and operates within the frequency band of 1400-1460MHz. The product weighs 450g and has an output power of 4w. It also has an extending interface which includes HDMI, LAN, and TTL connections.

Applications:

The ZKMANET drone data link system is a two-way communication system that connects the drone with its ground station. It is designed to provide reliable and high-quality communication between the drone and the ground station. The data link system is specifically designed for commercial drone UAV data link.

The drone data link system consists of a drone UAV SDR radio and a ground station SDR radio. The radio frequency (RF) channel is 2T2R, which allows for reliable communication even in areas with high signal interference. The power supply required for the data link system is DC12V. The data link system is IP54 rated, which means that it is dust-resistant and can withstand water splashes.

The ZKMANET drone data link system is suitable for a variety of applications. It can be used for drone video transmission, remote control of the drone, and real-time transmission of telemetry data. The data link system is also suitable for search and rescue missions, surveillance, and monitoring.

If you are in search of a reliable and high-quality drone data link system, the ZKMANET drone data link system is an excellent choice. The product is lightweight, weighing only 450g, making it easy to transport. With its reliable communication system and IP54 rating, the ZKMANET drone data link system is designed to meet the demands of commercial drone UAV data link.

Customization:

Our product is certified by CE, ensuring that it meets all necessary safety and quality standards. It has an encryption feature that uses AES to protect your data and ensure that it remains secure. Additionally, the ZKMANET3451UM has an extending interface with HDMI LAN TTL, allowing you to connect multiple devices.

Our minimum order quantity is 1, and the price is 3000USD/PC. The packaging details are in a Carton, and the delivery time is approximately 15 days. We accept TT payment terms and have a supply ability of 10000pcs/year.

The ZKMANET3451UM Drone video module is powered by DC12V, and it has a data rate of up to 56Mbps. Our product is made in Shenzhen, a hub for technology and innovation.

Support and Services:

The Drone Data Link product comes with comprehensive technical support and services to ensure smooth and uninterrupted operation. Our team of experts is available to provide assistance and guidance in the following areas:

Installation and setup

Troubleshooting and issue resolution

Software updates and upgrades

General maintenance and repair

In addition, we offer training services to help users get the most out of the Drone Data Link product. Our training programs cover topics such as:

Product features and capabilities

Best practices for optimizing performance

Advanced settings and configurations

Our goal is to ensure that our customers are fully satisfied with their Drone Data Link product, and we are committed to providing the highest level of support and services to achieve this.

## Packing and Shipping:

### Product Packaging:

The Drone Data Link product is packaged in a sturdy cardboard box to ensure safe transport and delivery. The box measures 10 inches by 8 inches by 6 inches and features the product name and image on the front. Inside the box, the product is securely nestled in foam padding to prevent any damage during shipping.

### Shipping:

Orders for the Drone Data Link product will be shipped via standard shipping through our preferred carrier. Shipping times may vary depending on the destination, but customers can expect their product to arrive within 3-7 business days. Customers will receive a tracking number via email once their order 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 of this product is ZKMANET.

**Q: What is the model number of this product?**

A: The model number of this product is ZKMANET3451UM.

**Q: Where is this product made?**

A: This product is made in Shenzhen.

**Q: What certifications does this product have?**

A: This product has CE certification.

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

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

**Q: How much does this product cost?**

A: The price for this product is 3000USD/PC.

**Q: What kind of packaging does this product come in?**

A: This product comes in a carton.

**Q: How long does it take for this product to be delivered?**

A: It takes 15 days for this product to be delivered.

**Q: What payment terms are accepted for this product?**

A: TT is the accepted payment term for this product.

**Q: What is the supply ability for this product?**

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

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