



Drone Video Transmission System 40-Long Distance IP54-Rated With Up To 82 Mbps Data Rate And 4W Output Power

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2451UM
- Minimum Order Quantity: 1
- Price: 800
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT, L/C, D/A, D/P, Western Union, MoneyGram
- Supply Ability: 10000pcs/year

ZKMANET



Product Specification

- Power Supply: 12V-24V DC
- Data Rate: Up To 82 Mbps
- Output Power: 4w
- Transmission Range: 40-Long Distance(LOS)
- Type: Data Link System
- IP Rating: IP54
- Encryption: AES
- Extending Interface: HDMI LAN TTL
- Highlight: **40-Long Distance Drone video transmission System**
, 82 Mbps Drone video transmission System ,
4W Drone video transmission System

ZKMANET



Product Description

Product Description:

The Drone Data Link is a powerful radio system that operates on 12V-24V DC power supply. With a weight of only 450g and a size of 120*90*40mm, it is compact and lightweight, making it easy to integrate into any UAV system.

The Drone Data Link boasts 2T2R RF channels, ensuring that the drone receives a strong signal even in the most challenging environments. This feature is particularly important for drones that are used in critical missions such as search and rescue, surveillance, and mapping.

The Drone Data Link has a data rate of up to 82 Mbps, which is more than enough to transmit high-quality video and other data in real-time. This capability is particularly important for commercial drone operators who need to analyze data as it is collected from the drone. The Drone Data Link is an SDR radio, which means it is software-defined and can be easily configured to meet specific mission requirements. This feature is particularly important for commercial drone operators who need to customize their drone systems to meet the unique needs of their customers.

In summary, the Drone Data Link is an essential product for any commercial Drone UAV data link. It provides reliable and high-speed communication between the drone and the ground station, making it an integral part of any Anti Drone System. With its powerful 2T2R RF channels, high data rate, and software-defined features, the Drone Data Link is a must-have for any commercial drone operator who needs to collect and analyze data in real-time.

Features:

Product Name: Drone Data Link

Bandwidth: 5/10/20/40MHz

Network size: 64 Nodes

Transmission Range: 40-Long Distance(LOS)

Encryption: AES

RF Channel: 2T2R

This Drone Data Link product is a top-quality Drone Wireless Video Transmitter with high-end features such as 5/10/20/40MHz bandwidth, 64 Nodes network size, and a transmission range of 40-Long Distance(LOS). The product is also equipped with AES encryption and 2T2R RF Channel. This makes it the perfect Drone video transmission solution for your Drone UAV SDR radio needs.

Technical Parameters:

Drone Video Transmitter	Drone Data Link
Output Power	4W
Bandwidth	5/10/20/40MHz
Weight	450g
Power Consumption	<12W
Transmission Range	40-Long Distance (LOS)
RF Channel	2T2R
Power Supply	12V-24V DC
Data Rate	Up To 82 Mbps
Network Size	64 Nodes
Size	120*90*40mm

This Drone Data Link product is a Long Distance IP MESH radio designed for Drone video transmission.

Applications:

The ZKMANET2451UM is a perfect drone detection device for a variety of scenarios and occasions. It has a bandwidth of 5/10/20/40MHz and operates within the frequency band of 1400-1460MHz with an output power of 4w. This allows for a reliable data link between the UAV and ground control station, making it suitable for use in surveillance and reconnaissance missions, search and rescue operations, and other critical applications.

The ZKMANET2451UM is also ideal for use in industrial inspections, agriculture, and environmental monitoring. Its compact size of 120*90*40mm and wide operating temperature range of -40°C to +65°C make it easy to transport and operate in harsh environments. Additionally, its high bandwidth and low latency make it ideal for transmitting high-quality video and image data in real-time.

In conclusion, the ZKMANET2451UM is a versatile and reliable drone video transmitter suitable for a wide range of applications. Its high-performance features, including its bandwidth, frequency band, output power, and temperature range make it an ideal choice for those looking to enhance their UAV capabilities.

Customization:

Our Drone Data Link System is manufactured in Shenzhen and is certified with CE. The minimum order quantity is 1 unit and the price is \$1800. The product is packaged in cartons and has a delivery time of 15 days. Payment terms are TT and our supply ability is 10,000pcs/year.

The Data Link System has a size of 120*90*40mm and weighs 450g. Its transmission range is 40-Long Distance(LOS) with a data rate of up to 82 Mbps.

Support and Services:

Our Drone Data Link product comes with the following technical support and services:

24/7 phone and email technical support

Online resources and documentation, including user manuals and troubleshooting guides

Remote diagnosis and repair services

On-site maintenance and repair services

Training and certification programs for users and technicians

Packing and Shipping:

Product Packaging:

The Drone Data Link product comes in a sturdy cardboard box that is securely taped to prevent any damage during transit. The product is wrapped in a layer of bubble wrap to provide additional protection. The package includes:

Drone Data Link device

Antennas (2)

Power cable

User manual

Shipping:

We offer free standard shipping to all our customers. The product will be shipped within 24 hours of placing the order and will take 3-5 business days to reach you. We also offer expedited shipping options for an additional cost. Once the product is shipped, you will receive a tracking number via email to track the status of your shipment.

FAQ:

Q: What is the brand name of the drone data link product?

A: The brand name of the drone data link product is ZKMANET.

Q: What is the model number of the drone data link product?

A: The model number of the drone data link product is ZKMANET2451UM.

Q: Where is the drone data link product manufactured?

A: The drone data link product is manufactured in Shenzhen.

Q: Is the drone data link product certified?

A: Yes, the drone data link product is certified with CE.

Q: What is the minimum order quantity for the drone data link product?

A: The minimum order quantity for the drone data link product is 1.

Q: What is the price of the drone data link product?

A: The price of the drone data link product is 1800USD/PC.

Q: What are the packaging details for the drone data link product?

A: The packaging details for the drone data link product is carton.

Q: What is the delivery time for the drone data link product?

A: The delivery time for the drone data link product is 15 days.

Q: What are the payment terms for the drone data link product?

A: The payment terms for the drone data link product is TT.

Q: What is the supply ability for the drone data link product?

A: The supply ability for the drone data link 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