IP65 Rated Autonomous Airborne Data Relay System With DC12V Power Supply The Ultimate Data Transmission Solution

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2441UM
- Minimum Order Quantity: 1
- Price: 500USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year

Product Specification

- Encryption: AES128
- Bandwidth: 1.4/2.5/5/10/20/40MHz
- RF Channel: 1T2R
- Output Power: 33dBm
- Power Supply: DC12V
- Weight: 142g
- LAN Interface: RJ45*2,TTL*3
- Transmission Range: 30km (LOS)
- Highlight: **IP65 Rated Airborne Data Relay System**, **Autonomous Airborne Data Relay System**

More Images

Product Description

Product Description:

The Drone Data Link is a remotely piloted aircraft data link that is designed to meet the needs of modern drone pilots and aerial photographers. With its compact size of 103.5*61.5*22mm, this product is highly portable and takes up minimal space, making it ideal for use in the field.

Our product is powered by DC12V, which ensures that your drone can stay in the air for longer without the need for frequent battery changes. The Drone Data Link is also equipped with AES128 encryption, which provides maximum security and ensures that your data remains private and confidential.

The Drone Data Link offers a transmission range of up to 30km (LOS), ensuring that you can fly your drone over long distances without losing communication with the ground control station. This makes it an ideal solution for professionals who need to cover large areas or work in remote locations.

The Drone Data Link is a drone video link that provides real-time video streaming, enabling you to see what your drone sees in real-time. This feature is particularly useful for aerial photographers who need to capture high-quality images and videos from the air.

With its advanced technology and innovative design, the Drone Data Link is the perfect solution for drone pilots who demand the best. Whether you are a professional aerial photographer, a commercial drone operator, or a hobbyist, our product is designed to meet your needs and exceed your expectations.

Features:

Product Name: Drone Data Link
Transmission Range: 30km (LOS)
Power consumption: <12w
LAN interface: RJ45*2,TTL*3
Output power: 33dBm
Frequency Band: 800MHz/1.4GHz /2.4GHz

This product is a reliable and efficient Uncrewed Aerial Vehicle Data Linkage, providing Drone Communication and Data Transmission Link for remote operation of drones. It serves as a UAV Data Relay and Control Link, allowing seamless communication between the drone and the operator.

Technical Parameters:

Technical Parameters	Values
Product Name	Unmanned Aerial Vehicle Data Communication System
Weight	142g
Frequency Band	800MHz/1.4GHz /2.4GHz
LAN Interface	RJ45*2,TTL*3
Power Consumption	<12W
Transmission Range	30km (LOS)
Power Supply	DC12V
Encryption	AES128
Bandwidth	1.4/2.5/5/10/20/40MHz

Output Power	33dBm
IP Rating	IP65
Product Usage	Remotely Piloted Aircraft Data Link

Applications:

The Drone Data Link is suitable for a wide range of applications. One of the main application scenarios is in the field of aerial photography and videography. The product enables the transmission of high-quality video and image data from the drone to a ground station in real-time. This is critical for professional photographers and filmmakers who need to get a clear view of the aerial footage they are capturing.
The Drone Data Link is also ideal for agricultural applications. It can be used to provide real-time data on crop health and growth patterns. The transmission of this data can help farmers to make informed decisions about crop management, such as when to water or fertilize their crops. The product's transmission range of 30km (LOS) makes it ideal for large farms.
Another application scenario for the Drone Data Link is in the field of search and rescue operations. The product enables the transmission of live video footage from a drone to a ground station. This can help rescue teams to locate missing persons or identify areas that need assistance in real-time. The product's reliable wireless link ensures that the data transmission is smooth and uninterrupted.
The Drone Data Link is also suitable for use in industrial inspections. It can be used to provide real-time video data of hard-to-reach or dangerous areas. This is particularly useful in oil and gas refineries, where inspections need to be carried out on tall structures or in hazardous areas. The product's rugged design and transmission range of 30km (LOS) make it ideal for use in these environments.
The Drone Data Link has a bandwidth of 1.4/2.5/5/10/20/40MHz and a power supply of DC12V. It has LAN interfaces of RJ45*2 and TTL*3. The product has a minimum order quantity of 1 and is priced at 500USD/PC. It is delivered in a carton and has a delivery time of 15 days. Payment terms are TT and the supply ability is 10000pcs/year.

Customization:

Our product is made in Shenzhen and has CE certification. The minimum order quantity is 1 and the price is 500USD/PC. Our packaging details include a carton and the delivery time is 15 days. Payment terms are TT and our supply ability is 10,000 pcs/year.
Our product has a weight of 142g and an IP rating of IP65. It also features AES128 encryption and a data rate of 30Mbps. The working temperature range is -40℃- +65℃.

Support and Services:

The Drone Data Link product comes with technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to assist with any technical issues or questions you may have regarding the product.
Our technical support services include:
Product installation assistance
Troubleshooting and problem-solving
Software updates and upgrades
Hardware repairs and maintenance
Remote technical support
In addition to technical support, we also offer a variety of services to help you get the most out of your Drone Data Link product:
Training and education services
Customization and integration services
Consulting and advisory services
Project management services
Managed services and support agreements
Our goal is to provide you with the highest level of support and services to ensure your Drone Data Link product meets your specific needs and requirements. Contact us today to learn more about our technical support and services.

Packing and Shipping:

Product Packaging:
One Drone Data Link device
One set of antennas
One user manual
One USB cable for charging and firmware updates
Protective foam padding for safe transport
Shipping:
Ships within 1-2 business days
Free standard shipping within the United States
International shipping available for an additional fee
Tracking number provided once item is shipped

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 ZKMANET2441UM.

Q: Where is the Drone Data Link product manufactured?

A: The Drone Data Link product is manufactured in Shenzhen.

Q: Does the Drone Data Link product come with any certification?

A: Yes, the Drone Data Link product comes with CE certification.

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 500USD/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 of the Drone Data Link product?

A: The supply ability of the Drone Data Link product is 10000pcs/year.