Drone Communication and Data Transmission Link Compact Size of 103.5*61.5*22mm for Easy Installation

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

- Power Consumption: <12w
- Weight: 142g
- Type: Drone Video Link
- Working Temp: -40℃- +65℃
- Power Supply: DC12V
- Output Power: 33dBm
- Encryption: AES128
- Data Rate: 30Mbps
- Highlight: **Easy Installation Drone Communication Link**, **Compact Size Drone Communication Link**, **uav communication data link**

More Images

Product Description

Product Description:

The Drone Data Link boasts a high Data Rate of 30Mbps, making it ideal for transmitting data-heavy payloads such as high-definition video feeds, sensor data, and other critical information. It also comes with a selection of Bandwidth options that include 1.4/2.5/5/10/20/40MHz, providing flexibility to suit different use cases.

In addition to its impressive range and data transmission capabilities, the Drone Data Link is designed to work in extreme temperatures, with a Working Temperature range of -40℃ to +65℃. This ensures that it can operate seamlessly in a wide range of environments and conditions.

With its cutting-edge technology, the Drone Data Link is an essential tool for anyone looking to establish a reliable and efficient UAV Data Relay and Control Link. Whether you're conducting aerial surveys, monitoring wildlife, or performing search and rescue missions, this system is sure to provide the connectivity you need to get the job done.

Features:

Product Name: Drone Data Link

Encryption: AES128

Weight: 142g

Power consumption: <12w

Working Temp: -40℃- +65℃

Output power: 33dBm

Drone Data Link is an Autonomous Airborne Data Relay System that serves as an Unmanned Aerial Vehicle Data Communication System. It can also be used as a Remote Controlled Aircraft Data Network. With AES128 encryption, it ensures secure data transmission. Its lightweight design (142g) and low power consumption (<12w) make it an ideal choice for drones and other unmanned aerial vehicles. It can operate in extreme temperatures ranging from -40℃ to +65℃ and has an output power of 33dBm.

Technical Parameters:

Frequency Band	800MHz/1.4GHz/2.4GHz
Data Rate	30Mbps
Size	103.5*61.5*22mm
IP Rating	IP65
Working Temp	-40℃- +65℃
Bandwidth	1.4/2.5/5/10/20/40MHz
Power Consumption	<12w
Weight	142g
Power Supply	DC12V
Encryption	AES128

This table shows the technical parameters of the Drone Data Link product, which is a remote controlled aircraft data network solution for drones and other autonomous airborne data relay systems. It has a frequency band of 800MHz/1.4GHz/2.4GHz and a data rate of 30Mbps. The size of the product is 103.5*61.5*22mm and it has an IP rating of IP65, making it highly durable and suitable for outdoor use. It can function in extreme temperatures ranging from -40℃- +65℃. The bandwidth options include 1.4/2.5/5/10/20/40MHz. It consumes less than 12 watts of power and weighs 142g. The power supply is DC12V and it uses AES128 encryption for secure data transfer.

Applications:

The ZKMANET autonomous airborne data relay system is a top-of-the-line solution for UAV data relay and control link. With its advanced features and state-of-the-art technology, the ZKMANET2441UM model is a must-have for anyone looking to make the most out of their UAV operations.

Designed and manufactured in Shenzhen, this product is CE certified and boasts a minimum order quantity of just 1 unit, making it an accessible and convenient option for businesses and individuals alike. With a price point of just 500USD per unit and packaging details that include a durable carton, the ZKMANET2441UM is an excellent investment for any UAV enthusiast.

Thanks to its DC12V power supply and low power consumption (<12w), this drone data link product is both efficient and reliable. The 1T2R RF channel ensures optimal connectivity, while the -40℃ to +65℃ working temperature range makes it suitable for use in a wide range of environments and scenarios.

One of the standout features of the ZKMANET2441UM is its impressive transmission range, which covers up to 30km (LOS). This makes

it an excellent choice for use in large-scale UAV operations, where a reliable and long-range data relay and control link is essential. Whether you're operating a single drone or a large fleet, the ZKMANET autonomous airborne data relay system is the perfect solution for your UAV data relay and control link needs. With a supply ability of 10,000 units per year and payment terms that include TT, this drone data link product is a smart investment for anyone seeking to improve their UAV operations.

Customization:

Our Drone Data Link is designed and manufactured in Shenzhen, and it is certified with CE. The product comes with a minimum order quantity of 1, and it is priced at 500USD/PC.
The packaging details of our Drone Data Link include carton, and the delivery time is estimated to be 15 days. Our payment terms are TT, and we have a supply ability of 10000pcs/year.
The size of our Drone Data Link is 103.5*61.5*22mm, and it has a data rate of 30Mbps. The RF Channel of our product is 1T2R, and it has an output power of 33dBm. The bandwidth of our Drone Data Link is 1.4/2.5/5/10/20/40MHz.

Support and Services:

The Drone Data Link product provides technical support and services to ensure optimal performance and functionality of the product. Our team of experts is available to answer any questions or concerns you may have regarding the product's installation, setup, and operation. We also offer maintenance and repair services to keep your product in top condition. In addition, we provide software updates and upgrades to ensure compatibility with the latest technology and advancements. Our goal is to provide reliable and efficient support to help you get the most out of your Drone Data Link product.

Packing and Shipping:

Product Packaging:
One Drone Data Link transmitter
One Drone Data Link receiver
Two antennas
Instruction manual
Shipping:
Shipped via FedEx
Shipping time: 3-5 business days
Shipping cost: varies based on location

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 ZKMANET2441UM.
Q: Where is this product made?
A: This product is made in Shenzhen.
Q: Does this product have any certifications?
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 500USD/PC.
Q: How is this product packaged?
A: This product is packaged in cartons.
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 for this product?
A: The supply ability for this product is 10000pcs/year.