

1.4/2.5/5/10/20/40MHz Bandwidth Drone Data Link with 33dBm Output Power and -40C- 65C Working Temp

Our Product Introduction

for more products please visit us on zkmanet.com

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

- Working Temp: -40°C- +65°C
- Output Power: 33dBm
- Power Supply: DC12V
- Transmission Range: 30km (LOS)
- Data Rate: 30Mbps
- Weight: 142g
- Encryption: AES128
- Power Consumption: <12w
- Highlight: 40MHz Drone Data Link, 33dBm Drone Data Link



More Images

ZKMANET



ZKMANET



ZKMANET



Product Description



Product Description:

One of the key features of the Drone Data Link is its IP65 rating, which ensures that the system is resistant to dust, water, and other environmental factors. This makes it an ideal choice for use in challenging outdoor environments, where reliability and durability are essential.

Another important feature of the Drone Data Link is its wide frequency band, which includes 800MHz, 1.4GHz, and 2.4GHz. This allows the system to operate effectively in a wide range of environments and conditions, providing reliable and high-quality data transfer capabilities in any situation.

The Drone Data Link also features AES128 encryption, which provides strong security and protection for your data. This ensures that your data is safe and secure, even in situations where there may be potential security risks or threats.

In addition, the Drone Data Link is designed to be highly efficient, with a power consumption of less than 12w. This makes it an ideal choice for use in battery-powered drones, where energy efficiency is essential.

With its compact and lightweight design, the Drone Data Link weighs just 142g, making it easy to install and use in a wide range of drone applications. Whether you are flying a small, lightweight drone or a larger, more complex aircraft, the Drone Data Link is the perfect choice for reliable and secure data transfer.

Features:

Product Name: Drone Data Link

Data rate: 30Mbps

Working Temp: -40°C- +65°C

Size: 103.5*61.5*22mm

Transmission Range: 30km (LOS)

Bandwidth: 1.4/2.5/5/10/20/40MHz

The Drone Data Link is an Unmanned Aerial Vehicle Data Communication System that provides a reliable and efficient Autonomous Airborne Data Relay System. This product is designed to work in extreme temperatures ranging from -40°C to +65°C. With a compact size of 103.5*61.5*22mm, it can transmit data up to 30km (LOS). The Drone Data Link provides a bandwidth of 1.4/2.5/5/10/20/40MHz, making it a versatile option for any project.

Technical Parameters:

Technical Parameter	Description
Product Name	Unmanned Aerial Vehicle Data Communication System
Product Type	Aerial Robot Data Exchange Connection
Product Function	Unpiloted Flying Machine Data Link
RF Channel	1T2R
Working Temperature	-40°C- +65°C
Weight	142g
LAN Interface	RJ45*2, TTL*3
Bandwidth	1.4/2.5/5/10/20/40MHz
Size	103.5*61.5*22mm

Output Power	33dBm
IP Rating	IP65
Transmission Range	30km (LOS)
Frequency Band	800MHz/1.4GHz /2.4GHz

Applications:

The ZKMANET2441UM Drone Data Link is perfect for various occasions and scenarios. For example, it can be used for search and rescue missions in remote areas, where a reliable connection is necessary to control the UAV and obtain data from its sensors. It can also be used for agricultural applications, such as monitoring crops and spraying fertilizers and pesticides. In this case, the product's power consumption of less than 12w is particularly advantageous, as it ensures a long-lasting and efficient operation.

The ZKMANET2441UM Drone Data Link is equipped with LAN interfaces RJ45*2 and TTL*3, allowing for easy and versatile connections. Its RF Channel of 1T2R and its Frequency Band of 800MHz/1.4GHz/2.4GHz provide a stable and robust connection, even in challenging environments. The product is available for purchase with a minimum order quantity of 1 and a price of 500USD/PC. It is delivered in a carton package and has a delivery time of 15days.

ZKMANET is a reliable supplier with a supply ability of 10000pcs/year. The company accepts TT as a payment term, ensuring a secure transaction. In summary, the ZKMANET2441UM Drone Data Link is a must-have for anyone operating Remotely Piloted Aircraft Data Links, providing a reliable connection and easy integration with other systems.

Customization:

Support and Services:

Our Drone Data Link product is backed by comprehensive technical support and services to ensure that you get the most out of your investment. Our team of experienced technicians is available to assist with installation, setup, and troubleshooting, and we offer a range of training programs to help you get up to speed quickly.

In addition to our technical support services, we also offer a range of maintenance and repair options to keep your Drone Data Link product operating at peak efficiency. Our team of certified technicians can perform routine maintenance and repairs, as well as provide upgrades and modifications to ensure that your system is always up to date with the latest technology and features.

Whether you need assistance with installation, training, troubleshooting, or repair, our team is here to help. Contact us today to learn more about our Drone Data Link technical support and services.

Packing and Shipping:

Product Packaging:

The Drone Data Link product comes in a sturdy box with foam padding to ensure safe transportation. The box measures 10 x 8 x 4 inches and includes the following items:

Drone Data Link unit

Antenna

Power cable

Instruction manual

Shipping:

We offer free shipping for the Drone Data Link product within the United States. For international orders, shipping rates will vary based on the destination country. All orders are processed within 2 business days and shipped via UPS or FedEx. Customers will receive a tracking number via email once the order has shipped.

FAQ:

Frequently Asked Questions:

Q1. What is the brand name of the drone data link product?

A1. The brand name of the drone data link product is ZKMANET.

Q2. What is the model number of the drone data link product?

A2. The model number of the drone data link product is ZKMANET2441UM.

Q3. Where is the drone data link product manufactured?

A3. The drone data link product is manufactured in Shenzhen.

Q4. Is the drone data link product certified?

A4. Yes, the drone data link product is certified with CE.

Q5. What is the minimum order quantity of the drone data link product?

A5. The minimum order quantity of the drone data link product is 1 and the price is 500USD/PC. It comes in carton packaging and has a delivery time of 15 days. Payment terms are TT and the supply ability is 10000pcs/year.

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