

DC12V Power Supply Drone Data Link for Long Distance Transmission 15km LOS 102*52*21.5mm

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2421UM
- Minimum Order Quantity: 1
- Price: 500USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year



Product Specification

- Size: 102*52*21.5mm
- Output Power: 25dBm
- Weight: 124g
- Transmission Range: 15km (LOS)
- LAN Interface: RJ45*2,TTL*1
- Power Supply: DC12V
- Data Rate: 30Mbps(MAX)
- Encryption: ZUC/SNOW3G/AES Optional
- Highlight: **102*52*21.5mm Drone Data Link,**
DC12V Drone Data Link,
15km LOS Drone Data Link



More Images



Product Description

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Product Description:

Our Drone Data Link operates on three different frequency bands: 800MHz, 1.4GHz, and 2.4GHz, providing a reliable and secure data transmission for drones. The frequency bands are carefully selected to ensure that drones can operate in a crowded airspace without experiencing interference from other radio signals.

The Drone Data Link is a drone MESH video link that delivers data at a maximum data rate of 30Mbps. This high-speed data transfer capability ensures that drones can transmit large amounts of data within a short time. With this feature, drone operators can process and analyze data in real-time, making it easier to make informed decisions during drone operations.

The Drone Data Link is powered by a DC12V power supply, which ensures that the drone communication system operates for a long time without requiring frequent battery changes. This feature is essential for drones that operate in remote locations where access to power sources is limited.

Our Drone Data Link has a transmission range of up to 15km (LOS), making it ideal for drones that require a long-range data transmission capability. The long-range data transmission capability provides drone operators with the flexibility to operate their drones at a safe distance while still maintaining a stable data connection.

In conclusion, our Drone Data Link is an essential tool for drone operators who require a reliable and secure data transmission system.

Our product is ideal for drone operations in remote locations where access to power sources is limited. Our Drone Data Link is a high-performance aerial robot data exchange connection that offers drone operators a fast, secure, and reliable data transmission system.

Features:

Product Name: Drone Data Link

Encryption: ZUC/SNOW3G/AES Optional

Size: 102*52*21.5mm

RF Channel: 1T2R

Working Temp: -40°C- +65°C

LAN interface: RJ45*2, TTL*1

The Drone Data Link is a vital product for the secure communication of data between unpiloted flying machines and their ground control stations. This unmanned aerial vehicle data communication system offers optional encryption using ZUC/SNOW3G/AES, ensuring that data is secure and protected from unauthorized access. Its compact size of 102*52*21.5mm makes it easy to install in various drones. The RF Channel 1T2R and working temperature of -40°C- +65°C ensures stable and reliable data communication even in extreme environments. The LAN interface comprises of RJ45*2 and TTL*1. This uncrewed aerial vehicle data linkage ensures that crucial data is transmitted seamlessly, making it an essential component of any drone system.

Technical Parameters:

Frequency Band	800MHz/1.4GHz /2.4GHz
Bandwidth	1.4/3/5/10/20MHz
Working Temp	-40°C- +65°C
Power Supply	DC12V
Data rate	30Mbps(MAX)
Type	Drone MESH Video Link
Power consumption	<5w
LAN interface	RJ45*2,TTL*1
Output power	25dBm
Size	102*52*21.5mm

This table shows the technical parameters for the Autonomous Airborne Data Relay System, also known as the Drone Communication and Data Transmission Link, which is used as an Aerial Robot Data Exchange Connection. It has a frequency band of 800MHz/1.4GHz/2.4GHz, a bandwidth of 1.4/3/5/10/20MHz, and can operate in temperatures ranging from -40°C- +65°C. It requires a DC12V power supply and has a data rate of 30Mbps(MAX). The type is a Drone MESH Video Link and it has a power consumption of less than 5w. Its LAN interface includes RJ45*2 and TTL*1, and it can output up to 25dBm of power. Its size is 102*52*21.5mm.

Applications:

ZKMANET Drone Data Link is manufactured in Shenzhen and has been certified with CE, ensuring that the product meets the required safety and quality standards for use in the market. The product is available for purchase at a minimum order quantity of 1 and at a price of 500USD/PC. The product is packed in a carton and has a delivery time of 15 days. Payment terms are TT and the supply ability is 10000pcs/year.

The Drone Data Link product supports multiple encryption standards such as ZUC/SNOW3G/AES Optional, providing secure data transmission. The product operates in the frequency band of 800MHz/1.4GHz/2.4GHz, enabling it to work in different environments and conditions.

The Drone Data Link product has several application occasions and scenarios. It is a perfect fit for Remote Controlled Aircraft Data Network, Unmanned Aerial Vehicle Data Communication System, and Remotely Piloted Aircraft Data Link. This product is useful in the military, search and rescue operations, surveying, and mapping, among others. It provides reliable, high-speed data communication, which is essential in these environments.

Customization:

ZKMANET offers product customization services for our Remotely Piloted Aircraft Data Link, also known as Drone Communication and Data Transmission Link. Our model number ZKMANET2421UM is manufactured and sourced in Shenzhen, with CE certification, a minimum order quantity of 1, and a price of 500USD/PC. Our packaging details include cartons, with a delivery time of 15 days after payment via TT. Our supply ability is 10000pcs/year, with a power supply of DC12V, a transmission range of 15km (LOS), and a power consumption of less than 5w. Our Drone MESH Video Link is a wireless data transfer solution that weighs only 124g, making it easy to integrate into your drone setup.

Support and Services:

The Drone Data Link product is supported by a dedicated technical support team that is available to answer any questions and provide assistance with any technical issues that may arise. Our technical support team is highly trained and knowledgeable about the Drone Data Link product and can provide guidance on installation, configuration, and troubleshooting.

In addition to technical support, we also offer a range of services to help our customers get the most out of their Drone Data Link product.

These services include:

Training and certification programs

Software updates and upgrades

Integration services

Custom development

Consulting services

Our goal is to ensure that our customers have the support and services they need to effectively use the Drone Data Link product and achieve their desired outcomes.

Packing and Shipping:

Product Packaging:

The Drone Data Link product comes in a sturdy cardboard box, with the following items included:

One Drone Data Link device

One set of antennas

One power adapter

One user manual

Shipping:

The Drone Data Link product will be shipped via standard ground shipping within the continental United States. International shipping is

available at an additional cost. Shipping time will vary depending on the destination, but customers can expect to receive their product within 5-7 business days of placing their order. Tracking information will be provided via email once the product has shipped.

FAQ:

FAQs for ZKMANET Drone Data Link (Model Number: ZKMANET2421UM)

Q: What is the place of origin for ZKMANET Drone Data Link?

A: ZKMANET Drone Data Link is made in Shenzhen, China.

Q: Is ZKMANET Drone Data Link certified?

A: Yes, ZKMANET Drone Data Link is CE certified.

Q: What is the minimum order quantity for ZKMANET Drone Data Link?

A: The minimum order quantity for ZKMANET Drone Data Link is 1.

Q: What is the price of ZKMANET Drone Data Link?

A: The price of ZKMANET Drone Data Link is 500USD/PC.

Q: What are the packaging details for ZKMANET Drone Data Link?

A: ZKMANET Drone Data Link is packaged in a carton.

Q: What is the delivery time for ZKMANET Drone Data Link?

A: The delivery time for ZKMANET Drone Data Link is 15 days.

Q: What are the payment terms for ZKMANET Drone Data Link?

A: The payment terms for ZKMANET Drone Data Link are TT.

Q: What is the supply ability for ZKMANET Drone Data Link?

A: The supply ability for ZKMANET Drone Data Link is 10000pcs/year.

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