

DC12 Power Supply Drone VTOL UAV Directional Antenna for Long Distance Transmission within 30-50km LOS Range

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2441
- Minimum Order Quantity: 1
- Price: 2000USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year



Product Specification

- Transmission Range: 30-50km(LOS)
- Type: Directional Antenna
- RF Interface: N*2,SMA*1
- Power Supply: DC12
- Rotation Angle: 360° Horizontally, 90° Vertically
- Angle Accuracy: $\pm 2^\circ$
- Maximum Motor Speed: 0.21s/60°
- Output Power: 4W
- Highlight: VTOL UAV Directional Antenna,
Drone Directional Antenna,
30-50km LOS Range Directional Antenna



More Images



Product Description



Product Description:

One of the standout features of the Drone Data Link is its frequency band. This device operates on the 1400-1460MHz (562-612MHz) band, providing excellent range and stability. This makes it an excellent choice for use with VTOL UAV drone high gain antenna, which can further extend the range and reliability of your drone's transmissions.

Another key aspect of the Drone Data Link is its power supply. This device runs on DC12 power, making it easy to integrate into your existing drone setup. Additionally, its power consumption is impressively low, with a maximum draw of less than 30 watts.

The Drone Data Link is also designed for rugged outdoor use. Its LAN interface is protected by a waterproof aviation connector, ensuring reliable connectivity even in harsh weather conditions. And with a battery capacity of 15.6Ah/12.6A, you can rely on the Drone Data Link to keep your drone connected for extended periods of time.

Overall, the Drone Data Link is an indispensable tool for any drone operator looking to extend the range and reliability of their drone video and data transmissions. With its high-frequency band, low power consumption, and rugged design, it's the perfect addition to any drone setup.

Features:

Product Name: Drone Data Link

Power interface: Waterproof Aviation Connector

Motor Torque: 30N*m

Power Supply: DC12

Encryption: AES128

Frequency Band: 1400-1460MHz(562-612MHz)

Compatible with vtol uav drone high gain antenna

Includes Drone omnidirectional antenna

Omnidirectional antenna for strong signal reception

Technical Parameters:

Technical Parameter	Description
Maximum Motor Speed	0.21s/60°
Type	Directional Antenna
RF interface	N*2, SMA*1
Frequency Band	1400-1460MHz(562-612MHz)
Encryption	AES128
Power consumption	<30w
Motor Torque	30N*m
Bandwidth	2.5/5/10/20/40MHz

Rotation Angle	360° Horizontally, 90° Vertically
Working Temp	-20°C- +60°C

This Drone Data Link product is equipped with a directional antenna with N*2 and SMA*1 RF interfaces. It operates on a frequency band of 1400-1460MHz(562-612MHz) and features AES128 encryption. It has a maximum motor speed of 0.21s/60° and a power consumption of less than 30w. The product also boasts a motor torque of 30N*m and a rotation angle of 360° horizontally and 90° vertically. Its bandwidth options range from 2.5 to 40MHz, making it ideal for drone UAV VTOL omnidirectional antenna, Omnidirectional antenna, VTOL UAV drone tracking antenna. The working temperature range is -20°C to +60°C.

Applications:

The Drone Data Link product can be used in various applications such as drone omnidirectional antenna, VTOL UAV drone tracking antenna, and omnidirectional antenna. It is ideal for industries such as surveying and mapping, security and surveillance, and agriculture. The product can be used to transmit real-time data from drones to the ground station. The product is compatible with different types of drones and can be easily installed and operated. The product can be used to track drones and collect data about the surrounding environment. It can also be used to monitor the performance of drones in real-time.

In conclusion, ZKMANET2441 is a reliable and efficient drone data link product that can be used for a variety of applications. Its high-performance features make it an ideal choice for industries that require real-time data transmission from drones. The product can be easily installed and operated and is compatible with different types of drones. The product is priced reasonably and comes with a minimum order quantity of 1. Its packaging details include a carton and delivery time is 15 days. Payment terms include TT and supply ability is 10000pcs/year.

Customization:

Our Drone Data Link has a data rate of 30Mbps and power supply of DC12. The size of the product is 120*90*40mm and the motor torque is 30N*m. The power interface is a waterproof aviation connector for extra durability.

For those who require specific product customization, we offer services for drone tracking antenna, Drone omnidirectional antenna, and drone UAV VTOL omnidirectional antenna.

Support and Services:

The Drone Data Link product comes with comprehensive technical support and services to ensure that customers are able to make the most of the product. Our team of experienced technicians are available to answer any questions or concerns you may have about the product. We also offer a range of services, including:

Installation and setup assistance

Product training and education

Software updates and upgrades

Repair and maintenance services

Technical troubleshooting and problem-solving

Our goal is to make sure that our customers are completely satisfied with their purchase and are able to use the Drone Data Link product to its fullest potential. If you have any questions or concerns, please do not hesitate to contact us.

Packing and Shipping:

Product Packaging:

Drone Data Link device

User manual

USB cable

Antenna

Mounting brackets

Shipping:

Ships within 2 business days

Free standard shipping within the US

International shipping available with additional charges

Tracking number provided

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