Customizable Transmission Range Drone Data Link for Long Range and High Output Power

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET3451
- Minimum Order Quantity: 1
- Price: 1500USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year

Product Specification

- Frequency Band: 70MHz-6GHz Customizable)
- RF Channel: 2T2R
- Type: Drone MESH Video Link
- IP Rating : IP54
- Interface: LAN/TTL;HDMI
- Working Temp: -40℃- +70℃
- Power Consumption: <25w
- Size: 120*90*40mm
- Highlight: **Long Range Drone Data Link**, **Customizable Drone Data Link**, **High Output Power Drone Data Link**

More Images

Product Description

Product Description:

The Drone Data Link requires a DC12-36V power supply, which is commonly found in most drone models. It has a 2T2R RF Channel with an output power of 4W, ensuring a strong and stable connection between the drone and the operator. The frequency band of the Drone Data Link is customizable, ranging from 70MHz to 6GHz, making it a versatile solution for various drone applications.

One of the key features of the Drone Data Link is its ability to provide real-time data transmission, allowing operators to monitor and control their drones in real-time. This ensures that the drone is operating at peak performance and can be easily maneuvered to avoid any potential obstacles. The Drone Data Link is also designed with security in mind, providing an encrypted connection between the drone and the operator to prevent any unauthorized access.

The Drone Data Link is an essential component for any drone operator who values reliable and efficient data transmission. It is a versatile solution that can be customized to fit the needs of various drone applications. Whether it's for aerial photography, surveillance, or industrial inspections, the Drone Data Link provides a strong and stable connection between the drone and the operator.

Features:

Product Name: Drone Data Link
RF Channel: 2T2R
Power Supply: DC12-36V
Type: Drone MESH Video Link
Bandwidth: 5/10/20/40MHz
IP Rating: IP54

This Drone Data Link product is a wireless data transfer solution specifically designed for remotely piloted aircraft data link. It provides reliable and secure communication between the drone and the ground station. It is also a great choice for unpiloted flying machine data link.

Technical Parameters:

Product Attribute	Value
Type	Drone MESH Video Link
Power consumption	<25w
RF Channel	2T2R
Interface	LAN/TTL;HDMI
Power Supply	DC12-36V
Bandwidth	5/10/20/40MHz
Weight	475g
Transmission Range	Long Range (customizable)
Data rate	56Mbps(MAX)
IP Rating	IP54

This table shows the technical parameters of the Drone Communication and Data Transmission Link product. This product is a Remote Controlled Aircraft Data Network that allows for long-range transmission of video and data. With a power consumption of less than 25w, 2T2R RF Channel, and LAN/TTL and HDMI interfaces, this product is ideal for drone applications. It has a bandwidth of 5/10/20/40MHz, weighs 475g and is powered by DC12-36V. The transmission range is customizable for each application and the maximum data rate is 56Mbps. It has an IP54 rating, making it durable and suitable for use in harsh environments.

Applications:

The ZKMANET3451 drone data link product is suitable for a wide range of remote-controlled aircraft data network scenarios. It can be used to establish a stable and reliable aerial robot data exchange connection, enabling the seamless transmission of data between the pilot and the drone. This product can also be used to establish an unpiloted flying machine data link, enabling the user to remotely control the drone and receive data in real-time. The customizable frequency band and transmission range make this product suitable for use in a variety of environments, including urban, suburban, and rural areas. The HDMI interface allows for high-definition video transmission, making it ideal for applications that require high-quality video footage.

The ZKMANET3451 drone data link product can be used in a variety of scenarios, including search and rescue, surveillance, agriculture, and inspection. In search and rescue operations, this product can be used to search for missing persons, survey disaster areas, and locate survivors. In surveillance scenarios, it can be used to monitor traffic, track suspects, and gather intelligence. In agriculture, it can be used to monitor crops, survey farmland, and spray pesticides. In inspection scenarios, it can be used to inspect buildings, bridges, and other structures, and to detect defects and damage.

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