

Speed Drone Data Link with 1400MHZ Frequencies RF LAN DC Charger Interface Movement Speed 1000km/h

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2421UM
- Minimum Order Quantity: 2
- Price: 999USD/PC
- Packaging Details: Carton
- Delivery Time: 5-15days
- Payment Terms: TT
- Supply Ability: 100000pcs/year



Product Specification

- IP Rating: IP65
- Frequencies: 800MHZ, 1400MHZ, 2400MHZ
- Ttl Port: Support
- Movement Speed: >1000km/h
- IFS: Support
- Frequency Hopping: Support
- Bandwidth: 1.4/3/5/10/20MHz
- Receive Sensitivity: -100dBm@2.5MHz



More Images



Product Description

Product Description:

The Drone Data Link is an essential component for seamless communication and data transmission in the realm of drone technology. Serving as a vital connection point for Drone Communication and Data Transmission Link, this product excels in providing a reliable Aerial Robot Data Exchange Connection.

Designed to meet the demands of modern drone operations, the Drone Data Link boasts an impressive array of features that cater to the specific requirements of aerial data exchange. With a Receive Sensitivity of -100dBm@2.5MHz, this data link ensures a strong and stable connection even in challenging environments.

One of the standout attributes of the Drone Data Link is its remarkable Movement Speed capability, surpassing 1000km/h. This high-speed performance enables seamless data transmission during fast-paced drone operations, making it an ideal choice for Remotely Piloted Aircraft Data Link needs.

Equipped with a Ttl Port that offers support for various devices and peripherals, the Drone Data Link provides versatility and compatibility for a wide range of applications. Whether it's transferring data to ground stations or interfacing with other onboard systems, the Ttl Port ensures seamless connectivity.

When it comes to bandwidth flexibility, the Drone Data Link stands out with its support for multiple bandwidth options including 1.4/3/5/10/20MHz. This wide range of bandwidth choices allows users to optimize data transmission based on their specific requirements, enhancing overall efficiency and performance.

With an Interface that includes RF LAN DC Charger compatibility, the Drone Data Link offers a convenient and user-friendly setup for connecting to a variety of devices and power sources. This interface versatility ensures easy integration into existing drone systems, making it a valuable addition to any aerial data exchange setup.

Applications:

ZKMANET's Drone Data Link product, model number ZKMANET2421UM, is a cutting-edge solution designed and manufactured in China, meeting the highest standards of quality and reliability. With CE certification, this product is suitable for a wide range of applications in the UAV industry.

The Drone Data Link serves as a crucial component in UAV Data Relay and Control Link systems, enabling seamless communication between the ground control station and the unmanned aerial vehicle. Its advanced features, including Frequency Hopping support and multiple Modulation Types (BPSK/QPSK/16QAM/64QAM), ensure robust and secure data transmission over long distances.

One of the key application scenarios for the ZKMANET Drone Data Link is in Remote Controlled Aircraft Data Networks, where it facilitates real-time data exchange, telemetry, and command signals between the UAV and the operator. The Transmission Distance of 5-12 Km, combined with Bandwidth options ranging from 1.4 to 20MHz, allows for flexibility in different operational environments.

Whether used for aerial surveillance, mapping, inspection, or other mission-critical tasks, this product offers reliable RF Waveform (1T2R) capabilities to maintain connectivity and stability during flight. The minimum order quantity of 2 units and the price of 999USD/PC make it accessible for both small-scale operators and larger enterprises.

When ordering, customers can expect the Drone Data Link to be securely packaged in a carton, with a delivery time of 5-15 days.

Payment terms are convenient with TT options, and ZKMANET's supply ability of 100,000pcs/year ensures a steady availability of this essential component for UAV operations.

Customization:

Product Customization Services for the Drone Data Link product:

Brand Name: ZKMANET

Model Number: ZKMANET2421UM

Place of Origin: China

Certification: CE

Minimum Order Quantity: 2

Price: 999USD/PC

Packaging Details: Carton

Delivery Time: 5-15 days

Payment Terms: TT

Supply Ability: 100,000 pcs/year

Ttl Port: Support

Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)

Network Capability: 8 Nodes (Customizable)

IP Rating: IP65

Operating Temperature: -20°C To 60°C

Keywords: Uncrewed Aerial Vehicle Data Linkage, UAV Data Relay and Control Link, Autonomous Airborne Data Relay System

Support and Services:

The Drone Data Link product offers comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is dedicated to assisting with any product-related inquiries, troubleshooting issues, and providing guidance on maximizing the capabilities of the data link system.

Our technical support services include regular software updates, firmware upgrades, troubleshooting guides, and instructional resources to help users effectively utilize the drone data link for their specific needs. Additionally, we offer training programs and consultation services to enhance user proficiency and address any advanced technical requirements.

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