

IP Data Video Transceiver For Robot Dog UAV Drone Radio Link

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ZKMANET
- Certification: CE,FCC,ROHS
- 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

- Dimension: 102*52*21.5mm
- Max Throughput: 30Mbps (Max)
- Transmission Distance: 1-20km
- Working Voltage: DC12V
- RF Power: 300mW
- Modulation Types: QPSK(4QAM),16QAM,64QAM
- Encryption: ZUC/SNOW3G/AES Optional
- Power Consumption: <5W
- Highlight: IP data video transceiver for drone , robot dog UAV radio link, drone data link with warranty



More Images



Product Description

Product Description:

The Drone Data Link product is a crucial component for establishing a reliable and efficient communication and data transmission link for drones. This system serves as an Autonomous Airborne Data Relay System, enabling seamless connectivity between the drone and the ground station.

Powerful & Portable UAV Link: The ZKManet2421UM offers seamless HD video and data transmission over 5-15km, featuring AES/ZUC encryption and 30Mbps speed. Its compact design (102x52x21.5mm) and low power consumption (<5W) make it ideal for demanding aerial missions.

Technical Parameters:

Interface	RJ45*2, TTL*1
Modulation Types	QPSK(4QAM), 16QAM, 64QAM
Power Consumption	<5W
RF Power	300mW
Weight	124g
Working Voltage	DC12V
Transmission Distance	1-20km
Working Temp	-20 - +60
Max Throughput	30Mbps (Max)
Frequency Band	806-826Mhz Or 1428-1448Mhz Or 2401-2481Mhz

Applications:

ZKMANET2421UM Drone Data Link is a cutting-edge product designed for Unmanned Aerial Vehicle Data Communication System, Uncrewed Aerial Vehicle Data Linkage, and Unpiloted Flying Machine Data Link scenarios.

These data links are ideal for various applications due to their versatility and reliability. The ZKMANET drone data link can be used in industries such as agriculture, construction, surveillance, mapping, and more.

With a frequency band ranging from 806-826Mhz to 2401-2481Mhz, the ZKMANET2421UM offers flexibility in different environments, ensuring stable and secure communication between the drone and the ground station.

The modulation types supported by the ZKMANET drone data link, including QPSK(4QAM), 16QAM, and 64QAM, allow for efficient data transmission even in challenging conditions.

Measuring at 102*52*21.5mm, this compact device is easy to install on various drone models without adding bulk or weight, ensuring seamless integration into existing setups.

With a maximum throughput of 30Mbps and bandwidth modes ranging from 1.4 to 20MHz, the ZKMANET2421UM drone data link provides high-speed data transmission, enabling real-time monitoring and control of the unmanned aerial vehicle.

Each unit is CE certified, guaranteeing compliance with international quality and safety standards. The minimum order quantity of 2 units makes it accessible for small-scale operations, while the competitive price of 999USD/PC offers excellent value for money.

Furthermore, the ZKMANET drone data link is packaged securely in cartons for safe transportation and has a fast delivery time of 5-15 days, ensuring quick deployment for time-sensitive projects.

Payment terms via TT and a supply ability of 100,000pcs/year make it convenient for businesses of all sizes to acquire and utilize the ZKMANET2421UM drone data link for their operations.

Customization:

Customize your UAV Data Relay and Control Link with ZKMANET's Product Customization Services.

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Payment Terms: TT

Supply Ability: 100,000 pcs/year

Interface: RJ45*2, TTL*1

Working Method: Point To Point Or Point To Multipoints

Working Temp: -20 to +60

Encryption: ZUC/SNOW3G/AES Optional

Weight: 124g

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