

## 1T2R RF Waveform The Ultimate Tool for Seamless Drone Communication and Data Transmission Link -100dBm 2.5MHz

Our Product Introduction

for more products please visit us on [zkmanet.com](http://zkmanet.com)

### 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

- Operating Temperature: -20°C To 60°C
- Interface: RF LAN DC Charger
- Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)
- Transmission Distance: 5-12 Km
- IP Rating: IP65
- Network Capability: 8 Nodes (Customizable)
- Frequencies: 800MHZ, 1400MHZ, 2400MHZ
- Receive Sensitivity: -100dBm@2.5MHz



### More Images



## Product Description

### Product Description:

The Drone Data Link is a cutting-edge solution designed to enhance the communication capabilities of Remotely Piloted Aircraft Data Link systems. With a remarkable transmission distance of 5-12 Km, this product ensures seamless connectivity between the drone and the ground station, enabling efficient data transfer over long distances. Operating within a wide temperature range of -20°C to 60°C, the Drone Data Link is built to withstand extreme environmental conditions, making it an ideal choice for various mission scenarios. Whether operating in freezing cold or scorching heat, this product delivers reliable performance to meet the demands of diverse applications. Equipped with IFS (Interference-Free System) support, the Drone Data Link provides a stable and secure connection, minimizing interference and ensuring smooth data transmission. This feature enhances the overall reliability of the Remote Controlled Aircraft Data Network, allowing users to focus on their missions without worrying about signal disruptions. The receive sensitivity of -100dBm@2.5MHz ensures that the Drone Data Link can effectively capture and process data signals with precision, even in challenging environments. This high level of sensitivity contributes to the product's ability to maintain a strong and consistent connection, essential for real-time data transfer during critical operations. With an IP Rating of IP65, the Drone Data Link is protected against dust and water ingress, providing durability and reliability in harsh outdoor conditions. This rugged design makes it suitable for use in various environments, from dusty deserts to rainy landscapes, ensuring consistent performance in demanding situations. Overall, the Drone Data Link offers a reliable and efficient Drone Wireless Data Transfer Solution, empowering users to establish robust communication links between their drones and ground stations. With its advanced features and capabilities, this product serves as a vital component for enhancing the connectivity and data transfer capabilities of remote-controlled aircraft systems.

### Applications:

ZKMANET Drone Data Link (Model: ZKMANET2421UM) is a cutting-edge Unmanned Aerial Vehicle Data Communication System designed for various applications and scenarios. With its reliable performance and advanced features, this product is suitable for a wide range of industries and use cases. One of the key application occasions for the ZKMANET Drone Data Link is in the field of UAV Data Relay and Control Link. This system provides seamless connectivity for unmanned aerial vehicles, enabling real-time data transmission and control capabilities. It is ideal for remote monitoring, surveillance, mapping, and other UAV operations that require stable and secure communication. Another important scenario for the ZKMANET Drone Data Link is in Remote Controlled Aircraft Data Network applications. By establishing a robust network capability with 8 Nodes (Customizable), this product facilitates efficient data exchange among multiple remote-controlled aircraft, enhancing coordination and collaboration in aerial missions. Originating from China, the ZKMANET Drone Data Link is CE certified, ensuring compliance with international quality standards. The minimum order quantity is 2 units, priced at 999USD per piece. The product is packaged in cartons and has a delivery time of 5-15 days. Payment terms are TT, and the supply ability is 100,000 pieces per year. Designed to operate in a wide temperature range from -20°C to 60°C, the ZKMANET Drone Data Link features an RF Waveform of 1T2R and an interface that includes RF LAN DC Charger. With an IP Rating of IP65, this product is suitable for use in various environmental conditions, providing reliable performance in challenging settings.

### Customization:

Product Customization Services for the Drone Data Link:

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: 100000pcs/year  
Frequency Hopping: Support  
Network Capability: 8 Nodes (Customizable)  
IFS: Support  
Frequencies: 800MHZ, 1400MHZ, 2400MHZ  
IP Rating: IP65

### Support and Services:

The Product Technical Support and Services for the Drone Data Link product include: -----

- Initial setup assistance
- Troubleshooting guidance
- Software updates and maintenance
- Warranty support
- Remote diagnostics
- User training and tutorials
- On-site repair services (if applicable)

**ZKMANET** Zhongke Lianxun (Shenzhen) Technology Co., Ltd



+86 13266718951



Info@chinamanet.com



zkmanet.com

203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants  
Street, Nanshan District, Shenzhen, China