

30-50km LOS Transmission Range Drone Data Link for Real-time Data Transfer in Industrial Applications

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)
- Battery Life: Around 4 Hours
- IP Rating: IP65
- RF Channel: 2T2R
- LAN Interface: Waterproof Aviation Connector
- Bandwidth: 2.5/5/10/20/40MHz
- Power Consumption: <30w
- Battery Capacity: 15.6Ah/12.6A
- Highlight: Industrial Applications Drone Data Link, 30-50km Drone Data Link



More Images



Product Description



Product Description:

The Drone Data Link has a battery capacity of 15.6Ah/12.6A, providing enough power for extended flight times. Its motor torque of 30N*m allows for stable flight, even in windy conditions. The Drone Data Link is also rated IP65, ensuring that it is protected from dust and water damage.

The Drone Data Link offers bandwidth options of 2.5/5/10/20/40MHz, allowing for flexibility in data transmission. Its angle accuracy of $\pm 2^\circ$ ensures that the drone is always positioned correctly, providing accurate data for any mission.

Whether for aerial photography, surveillance, or inspection, the Drone Data Link is an essential tool for any vtol uav drone. Its reliable and long-range communication capabilities, high gain antenna, and directional antenna ensure that the drone can be operated with confidence, even in challenging conditions.

Features:

Product Name: Drone Data Link

Angle Accuracy: $\pm 2^\circ$

Encryption: AES128

Weight: 2.5kg(w/battery)

Size: 120*90*40mm

RF interface: N*2,SMA*1

Compatible with vtol uav drone high gain antenna

Supports Drone omnidirectional antenna

Technical Parameters:

Technical Parameter	Description
Output power	4W
Encryption	AES128
Transmission Range	30-50km(LOS)

Motor Torque	30N*m
Power consumption	<30W
RF Channel	2T2R
Type	Directional Antenna
Power interface	Waterproof Aviation Connector
Frequency Band	1400-1460MHz(562-612MHz)
Power Supply	DC12

Keywords: Drone UAV SDR image transmission antenna, drone UAV VTOL omnidirectional antenna, drone PTZ antenna

Applications:

Drone Video Transmission Antenna: ZKMANET Drone Data Link product is ideal for drone video transmission. The product has been designed with a powerful RF channel of 2T2R that ensures reliable and seamless video transmission. The drone video transmission antenna is perfect for drones that are used for surveillance, mapping, and inspection purposes.

Drone Omnidirectional Antenna: ZKMANET Drone Data Link product comes with a drone omnidirectional antenna that ensures 360-degree coverage. The drone omnidirectional antenna is perfect for drones that need to operate in areas with poor signal strength. The antenna ensures that the drone remains connected to the ground station at all times, providing real-time data transmission.

Drone Search and Rescue: ZKMANET Drone Data Link product is an excellent choice for drone search and rescue operations. The product has been designed with a powerful transmission range of 30-50km (LOS) that ensures that the drone can cover a large area. The product also comes with an IP rating of IP65, which makes it suitable for use in harsh weather conditions.

Drone Inspection: ZKMANET Drone Data Link product is perfect for drone inspection operations. The product has been designed with a low power consumption of less than 30W, which ensures that the drone can operate for an extended period. The product also comes with AES128 encryption, which ensures that the data transmitted is secure.

ZKMANET Drone Data Link product is a CE certified product that is manufactured in Shenzhen. The product's packaging details include a carton, and the delivery time is 15 days. The product's payment terms are TT, and the minimum order quantity is 1. The product's price is 2000 USD/PC, and the supply ability is 10000pcs/year.

Customization:

If you require specialized features for your drone vtol uav directional antenna or vtol uav drone high gain antenna, our team can customize the ZKMANET2441 Drone Data Link to meet your needs. Contact us to discuss your requirements and receive a quote.

Support and Services:

Our Drone Data Link product comes with comprehensive technical support services to ensure that our customers receive the best possible experience. Our team of experienced technicians is available to provide assistance with product installation, configuration, and troubleshooting. We also offer software updates and maintenance services to keep your Drone Data Link product up-to-date and running smoothly. Our support services are available via phone, email, and online chat, and we strive to provide timely and effective solutions to any issues that may arise.

Packing and Shipping:

Product Packaging:

The Drone Data Link product will be packaged in a sturdy cardboard box with foam inserts to protect the contents during shipping. The package will include the following:

Drone Data Link unit

Antenna

Power cord

User manual

Shipping:

Shipping will be handled by our trusted partner carriers and will be sent via standard ground shipping. Shipping costs will be calculated at checkout and are based on the shipping address and package weight. Once the package is shipped, a tracking number will be provided to the customer for easy tracking of the shipment.

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