±2° Angle Accuracy IP65 VTOL UAV Drone Tracking Antenna for High Precision Tracking

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

- Frequency Band: 1400-1460MHz(562-612MHz)
- LAN Interface: Waterproof Aviation Connector
- Power Interface: Waterproof Aviation Connector
- Encryption: AES128
- Battery Capacity: 15.6Ah/12.6A
- Rotation Angle: 360° Horizontally, 90° Vertically
- Weight: 2.5kg(w/battery)
- Data Rate: 30Mbps
- Highlight: **VTOL UAV Drone Tracking Antenna,**
                            IP65 UAV Drone Tracking Antenna

More Images

Product Description:

This product comes with a working temperature range of -20°C to +60°C, making it suitable for use in a wide range of environmental conditions. It is built with a waterproof aviation connector for its LAN interface, ensuring that it can withstand harsh weather conditions and exposure to water without compromising its performance.

The Drone Data Link product also boasts an impressive IP65 rating, which means that it is dust-tight and protected against water jets from any direction. This feature makes it an excellent choice for outdoor drone operations, where the communication system needs to be protected from the elements.

With N*2 and SMA*1 RF interfaces, this product provides versatile connectivity options for drone PTZ antenna, drone vtol uav directional antenna, and drone tracking antenna. This makes it highly adaptable to various drone applications, providing users with the flexibility they need to optimize their drone operations.

This product is also lightweight, with a weight of only 2.5kg (w/battery). This makes it easy to install and use, without adding significant weight to the drone and affecting its flight performance.

In summary, the Drone Data Link product is a reliable wireless communication system that offers high performance, robust connectivity options, and excellent protection against environmental factors. It is an ideal choice for drone applications that require stable and secure communication links between the drone and the ground control station.

Features:

Product Name: Drone Data Link

Size: 120*90*40mm

Power interface: Waterproof Aviation Connector

Power Supply: DC12

Frequency Band: 1400-1460MHz(562-612MHz)

Transmission Range: 30-50km(LOS)

Features:

Drone UAV SDR image transmission antenna

VTOL UAV drone high gain antenna

Drone PTZ antenna

Technical Parameters:

Weight	2.5kg(w/battery)
Data rate	30Mbps
Encryption	AES128
RF interface	N*2, SMA*1
Working Temp	-20°C- +60°C
Frequency Band	1400-1460MHz(562-612MHz)
LAN interface	Waterproof Aviation Connector
Power interface	Waterproof Aviation Connector
Maximum Motor Speed	0.21s/60°
Battery capacity	15.6Ah/12.6A
Drone omnidirectional antenna	Included
Drone PTZ antenna	Not included
Omnidirectional antenna	Included

Applications:

The Drone Data Link product is equipped with a powerful DC12 power supply and has a motor torque of 30N*m. It has an IP rating of IP65, making it waterproof and suitable for use in harsh environmental conditions. The product has an angle accuracy of ±2° and also features a LAN interface with a waterproof aviation connector.

The Drone Data Link product is ideally suited for a range of applications and scenarios. Its drone omnidirectional antenna makes it an ideal choice for use in situations where the drone needs to fly in multiple directions. The drone UAV SDR image transmission antenna makes it an excellent choice for applications that require real-time transmission of high-quality images and video.

The drone vtol uav directional antenna makes this product an excellent choice for use in situations where the drone needs to fly in a specific direction. This makes it an ideal choice for applications such as search and rescue operations, inspection of tall structures such as towers and wind turbines, and precision agriculture.

In summary, ZKMANET's Drone Data Link product is a powerful and versatile technology that is suitable for a range of applications and scenarios. Its superior features, including its motor torque, angle accuracy, and IP rating, make it an excellent choice for users who demand the very best in drone data link technology.

Customization:

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- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year
- Power Supply: DC12
- RF Channel: 2T2R
- Transmission Range: 30-50km(LOS)
- Battery Life: Around 4 Hours
- Bandwidth: 2.5/5/10/20/40MHz

We also offer product customization services for the ZKMANET Drone Data Link. Our team of experts can customize the drone tracking antenna, drone UAV VTOL omnidirectional antenna, and VTOL UAV drone tracking antenna for your specific needs. Contact us for more information.

Support and Services:

The Drone Data Link product comes with technical support and services to ensure smooth operation and maximum performance. Our team of experts is available to assist with any product-related inquiries or issues, including troubleshooting and resolution of technical problems. In addition, we offer regular software updates and maintenance services to keep your Drone Data Link up-to-date and functioning at its best. Our goal is to provide comprehensive support and services to ensure our customers are fully satisfied with their investment in our products.

Packing and Shipping:

Product Packaging:
The Drone Data Link product will come in a sturdy box with a foam insert to protect the product during shipping. The product will also be wrapped in bubble wrap to prevent any damage during transit. The box will have the product name and image displayed on the outside to make it easily recognizable.
Shipping:
The Drone Data Link product will be shipped via standard shipping through our trusted shipping partners. The shipping will take

approximately 5-7 business days to arrive. Customers will receive a tracking number via email once the product has shipped. For international orders, shipping times may vary depending on the location and customs clearance processes.