30Mbps Long Range Drone Data Link with AES128 Encryption and Multi Frequency Band

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2441
- Minimum Order Quantity: 1
- Price: 3000USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year

Product Specification

- Encryption: AES128
- Angle Accuracy: ±2°
- Bandwidth: 3/5/10/20MHz
- RF Interface: N*1,SMA*2
- Frequency Band: 800MHz 1.4GHz 2.4GHz
- Battery Capacity: 14Ah/12V
- Power Supply: DC12V
- Data Rate: 30Mbps
- Highlight: **Long Range Drone Data Link**, **AES128 Encryption Drone Data Link**, **30Mbps Drone Data Link**

Product Description:

The RF Channel of the Drone Data Link product is 1T2R, which means it has one transmitter and two receivers. This allows for better signal reception and transmission, especially when using drone tracking antenna, drone ptz antenna, and drone directional antenna. These antennas improve the product's signal quality and enable you to track and control your drone with precision.

The Drone Data Link product is designed to work in extreme conditions, with a working temperature range of -20°C to +60°C. This makes it ideal for use in harsh environments and ensures that it can withstand extreme weather conditions. Whether you are flying your drone in the scorching heat or freezing cold, you can rely on the Drone Data Link product to deliver reliable and consistent performance.

In summary, the Drone Data Link product is a top-of-the-line solution for drone communication and data transmission. Its long-range transmission capabilities, powerful motor torque, and reliable RF Channel make it the perfect choice for any drone operator. Whether you're a professional photographer, videographer, or just a hobbyist, the Drone Data Link product will help you get the job done with ease.

Features:

Product Name: Drone Data Link
Power Supply: DC12V
Battery capacity: 14Ah/12V
Angle Accuracy: ±2°
RF Channel: 1T2R
Motor torque: 30N*m

Additional Features:
Drone Accessories
Automatic drone antenna
Automatic drone antenna

Technical Parameters:

Maximum Motor Speed	0.13s/60°
RF interface	N*1,SMA*2
Battery capacity	14Ah/12V
Type	Data Link System
Motor torque	30N*m
Data rate	30Mbps
IP Rating	IP65
Power consumption	<High Power
Battery life	Around 4 Hours
Transmission Range	20-Long Distance(LOS)
Drone video module antenna	N/A
Drone directional antenna	SMA*2
Drone tracking antenna	N/A

Applications:

The ZKMANET2441 is a versatile product that can be applied in a variety of occasions and scenarios. One of its main uses is in the area of drone video module antenna, where it provides a reliable and stable connection for drone operators to capture high-quality aerial footage. Additionally, the Long Distance drone directional antenna feature of this product makes it ideal for situations where drone operators need to fly their UAVs over long distances, such as in search and rescue operations or for wildlife monitoring purposes.
Another key application for the ZKMANET2441 is in the field of drone UAV SDR antenna. This product is designed to work seamlessly with software-defined radio (SDR) technology, allowing drone operators to access a wider range of frequencies and improve the reliability of their data link connection. The LAN interface aviation connector and IP65 rating of this product ensure that it is durable and can withstand harsh outdoor environments.
With an output power of 2w Long Distance and battery life of around 4 hours, the ZKMANET2441 is a powerful and reliable drone data link product. Its maximum motor speed of 0.13s/60° allows for precise control and maneuverability of drones, making it an ideal choice for both amateur and professional drone operators.
The ZKMANET2441 comes packaged in a sturdy carton and has a delivery time of 15 days. Payment terms are TT and the supply ability is 10000pcs/year, making it an accessible and reliable product for customers around the world.

Customization:

Customize your Drone Data Link with ZKMANET! Our product, model number ZKMANET2441, is a high-quality Drone UAV SDR antenna that is perfect for automatic drone antenna and drone tracking high gain antenna. Our product is made in Shenzhen and has received CE certification. The minimum order quantity is 1, and the price is 3000USD/PC. The packaging details include a carton, and the delivery time is 15 days. Payment terms are TT, and our supply ability is 10000pcs/year. The power supply is DC12V, and the RF interface includes N*1 and SMA*2. Our product has a motor torque of 30N*m and an RF Channel of 1T2R. The maximum motor speed is 0.13s/60°.

Support and Services:

Our Drone Data Link product comes with comprehensive technical support and services to ensure seamless operation and maximum performance. Our team of experienced technicians is available to assist with any technical issues or questions you may have regarding the product.
Our services include:
Installation and setup assistance
Product troubleshooting and diagnostics
Firmware upgrades and software updates
Repair and maintenance services
Consultation on optimal use and best practices
We are committed to providing our customers with top-quality support and services to ensure that they get the most out of their Drone Data Link product. Please do not hesitate to contact us with any questions or concerns.

Packing and Shipping:

Product Packaging for Drone Data Link:
The Drone Data Link comes in a sturdy cardboard box with the product name and logo printed on the front. Inside the box, you will find the

following items:

Drone Data Link device

Instruction manual

USB charging cable

Antenna

Shipping Information:

The Drone Data Link is shipped within 2 business days of order confirmation. We offer free shipping within the United States. International shipping rates may vary depending on location. Once the product is shipped, you will receive a tracking number to track your package.

FAQ:

Here are some frequently asked questions and answers for the ZKMANET2441 Drone Data Link:

Q: What is the brand name of this product?

A: The brand name of this product is ZKMANET.

Q: What is the model number of this product?

A: The model number of this product is ZKMANET2441.

Q: Where is this product made?

A: This product is made in Shenzhen.

Q: Is this product certified?

A: Yes, this product is certified with CE.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 1.

Q: What is the price of this product?

A: The price of this product is 3000USD/PC.

Q: What is the packaging detail of this product?

A: The packaging detail of this product is carton.

Q: What is the delivery time for this product?

A: The delivery time for this product is 15 days.

Q: What are the payment terms for this product?

A: The payment terms for this product is TT.

Q: What is the supply ability of this product?

A: The supply ability of this product is 10000pcs/year.