Remote Controlled Aircraft Data Network 33dBm Output Power AES128 Encryption for Working Temp -40C- 65C

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2441UM
- Minimum Order Quantity: 1
- Price: 500USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year

Product Specification

- Encryption: AES128
- LAN Interface: RJ45*2,TTL*3
- Bandwidth: 1.4/2.5/5/10/20/40MHz
- IP Rating: IP65
- Size: 103.5*61.5*22mm
- RF Channel: 1T2R
- Output Power: 33dBm
- Weight: 142g
- Highlight: **AES128 Encryption Aircraft Data Network**, **Remote Controlled Aircraft Data Network**, **33dBm Aircraft Data Network**

More Images

Product Description

Product Description:

The Drone Data Link provides a fast data rate of 30Mbps, ensuring that you can transmit high-quality video and other data in real-time. This makes it an ideal choice for professional drone pilots who need to capture high-quality footage and data.

The RF Channel of this Drone Video Link is 1T2R, which means that it uses one transmitter and two receivers. This setup ensures that you have a strong and stable connection between your drone and the ground station.

The Drone Data Link operates on three frequency bands: 800MHz, 1.4GHz, and 2.4GHz. This means that you can choose the band that works best for your particular location and application. The 800MHz band is ideal for long-range applications, while the 2.4GHz band is better suited for short-range applications with a lot of interference.

Whether you are a professional drone pilot or a hobbyist, the Drone Data Link is an essential tool for any UAV Data Relay and Control Link. With its fast data rate, stable RF channel, and multiple frequency bands, it is the perfect solution for Remote Controlled Aircraft Data Network and Uncrewed Aerial Vehicle Data Linkage.

Features:

Product Name: Drone Data Link
Encryption: AES128
RF Channel: 1T2R
Weight: 142g
Size: 103.5*61.5*22mm
Power Supply: DC12V
The Drone Data Link product is a reliable and efficient solution for Uncrewed Aerial Vehicle Data Linkage. With AES128 encryption, it ensures secure UAV Data Relay and Control Link. The product has a lightweight design, weighing just 142g, and compact size of 103.5*61.5*22mm, making it easy to carry and install. It operates on a DC12V power supply and features 1T2R RF channel for enhanced performance.

Technical Parameters:

Product Attribute	Value
Type	Drone Video Link
RF Channel	1T2R
LAN interface	RJ45*2,TTL*3
IP Rating	IP65
Encryption	AES128
Output power	33dBm
Power consumption	<12w
Power Supply	DC12V
Transmission Range	30km (LOS)
Weight	142g

This product is a UAV Data Relay and Control Link, also known as a Remotely Piloted Aircraft Data Link.

Applications:

The Drone Data Link product is suitable for various occasions and scenarios, such as aerial photography, surveying, mapping, search and rescue, and inspections. It can be used in outdoor and indoor environments, and it can operate in extreme temperatures ranging from -40℃ to +65℃.

The Drone Data Link product uses RF Channel 1T2R and operates in the frequency bands of 800MHz, 1.4GHz, and 2.4GHz. The bandwidth options available for this product are 1.4/2.5/5/10/20/40MHz. With a weight of only 142g, it is lightweight and easy to install. The Drone Data Link product has a minimum order quantity of 1 and is priced at 500USD/PC. It is delivered in a carton and has a delivery time of 15 days. Payment terms are TT and the supply ability is 10000pcs/year.

Customization:

The product is designed and manufactured in Shenzhen and is certified with CE. The minimum order quantity for this product is 1, and it is priced at 500USD/PC. The packaging details include a Carton, and the delivery time is estimated to be 15 days. The payment terms are TT, and the supply ability for this product is 10000pcs/year.

The product size is 103.5*61.5*22mm and is equipped with Encryption technology (AES128) to ensure secure data transmission. The output power of this device is 33dBm, making it suitable for long-range data transmission.

Support and Services:

Our Drone Data Link product comes with comprehensive technical support and services to ensure smooth operation and maximum efficiency. Our team of experienced technicians is available to assist you with any technical issues you may encounter during installation, setup, and operation. We also offer regular software updates to keep your system up-to-date with the latest features and improvements. In addition, we provide training sessions to help you and your team get the most out of your Drone Data Link product. Contact us for more information about our technical support and services.

Packing and Shipping:

Product Packaging:
1 Drone Data Link device
1 Set of antennas
1 User manual
1 USB cable
Shipping:
Shipping method: Standard
Shipping time: 5-7 business days
Shipping cost: Free

FAQ:

Here are some frequently asked questions and answers about the ZKMANET2441UM Drone Data Link:

Q: What is the ZKMANET2441UM Drone Data Link?
A: The ZKMANET2441UM Drone Data Link is a device that allows for wireless communication between a drone and a ground station.
Q: What is the price of the ZKMANET2441UM Drone Data Link?
A: The price of the ZKMANET2441UM Drone Data Link is 500USD/PC.
Q: Where is the ZKMANET2441UM Drone Data Link manufactured?
A: The ZKMANET2441UM Drone Data Link is manufactured in Shenzhen.
Q: Is the ZKMANET2441UM Drone Data Link certified?
A: Yes, the ZKMANET2441UM Drone Data Link is CE certified.
Q: What are the payment terms for purchasing the ZKMANET2441UM Drone Data Link?
A: The payment terms for purchasing the ZKMANET2441UM Drone Data Link are TT.
Q: What is the minimum order quantity for the ZKMANET2441UM Drone Data Link?
A: The minimum order quantity for the ZKMANET2441UM Drone Data Link is 1.
Q: What are the packaging details for the ZKMANET2441UM Drone Data Link?
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