800MHz/1.4GHz/2.4GHz Frequency Band Drone Data Link 142g Lightweight Design for Video Transmission

Our Product Introduction

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

- Transmission Range: 30km (LOS)
- Data Rate: 30Mbps
- Bandwidth: 1.4/2.5/5/10/20/40MHz
- RF Channel: 1T2R
- Size: 103.5*61.5*22mm
- LAN Interface: RJ45*2,TTL*3
- Type: Drone Video Link
- Encryption: AES128
- Highlight: **142g Drone Data Link, 2.4GHz Drone Data Link, Video Transmission Drone Data Link**

More Images

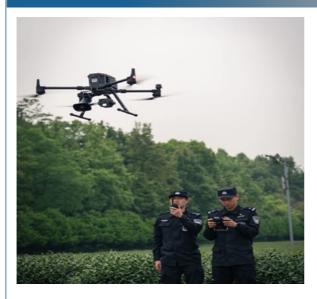## Product Description

Product Description:

One of the key features of the Drone Data Link is its IP65 rating, which makes it resistant to dust and water. This means that you can safely use it in challenging environments, such as construction sites or outdoor events. In addition, the Drone Data Link has an impressive transmission range of 30km (LOS), which allows you to fly your drones over long distances without losing connection.

The Drone Data Link operates on three different frequency bands: 800MHz, 1.4GHz, and 2.4GHz. This gives you the flexibility to choose the best frequency for your specific application. Whether you need to transmit data over long distances or through obstacles, the Drone Data Link can provide the right frequency for your needs.

With a compact size of 103.5*61.5*22mm, the Drone Data Link is easy to install and use. Simply connect it to your drone or remote controlled aircraft, and you're ready to start transmitting data. The device is also designed to be durable and reliable, so you can trust that it will perform consistently over time.

Overall, the Drone Data Link is a valuable tool for anyone who needs to establish an aerial robot data exchange connection. Whether you're a professional photographer or videographer, a surveyor, or simply a hobbyist who loves flying drones, this product can help you establish a secure and reliable remote controlled aircraft data network. With its IP65 rating, long transmission range, and flexible frequency bands, the Drone Data Link is the ideal choice for anyone who needs to transmit data from their aerial robots.

Features:

Product Name: Drone Data Link
Type: Drone Video Link
LAN interface: RJ45*2, TTL*3
RF Channel: 1T2R
Weight: 142g
Bandwidth: 1.4/2.5/5/10/20/40MHz

This product is a UAV Data Relay and Control Link, also known as an Autonomous Airborne Data Relay System. The Drone Data Link is a wireless data transfer solution for drones, providing reliable and secure communication between the drone and the ground station. It features multiple LAN interfaces, RF channels, and a lightweight design, making it an ideal choice for drone operators who require a high-performance data link for their missions.

Technical Parameters:

Transmission Range	30km (LOS)
Frequency Band	800MHz/1.4GHz/2.4GHz
Encryption	AES128
Bandwidth	1.4/2.5/5/10/20/40MHz
Size	103.5*61.5*22mm
IP Rating	IP65
Type	Drone Video Link

RF Channel	1T2R
Working Temp	-40℃- +65℃
Weight	142g

This table shows technical parameters for the Drone Wireless Data Transfer Solution, also known as the Remotely Piloted Aircraft Data Link or Autonomous Airborne Data Relay System. The product has a transmission range of 30km (LOS) and uses a frequency band of 800MHz/1.4GHz/2.4GHz. It employs AES128 encryption and has a bandwidth of 1.4/2.5/5/10/20/40MHz. The product's size is 103.5*61.5*22mm and it has an IP rating of IP65. It is a Drone Video Link type with an RF channel of 1T2R. The working temperature range is -40℃- +65℃ and it weighs 142g.

Applications:

ZKMANET2441UM has a DC12V power supply, and its output power is 33dBm. With a bandwidth of 1.4/2.5/5/10/20/40MHz, it can achieve a data rate of 30Mbps. The transmission range for this product is up to 30km (LOS).
This product is suitable for a wide range of applications, including but not limited to:
Search and Rescue Operations - ZKMANET2441UM can provide real-time video and audio data transmission to ground-based teams, allowing them to make informed decisions and save lives.
Agriculture - This product can be used to monitor crop health, soil moisture levels, and weather conditions, allowing farmers to make data-driven decisions that increase crop yields and reduce waste.
Construction - ZKMANET2441UM can be used to survey construction sites, monitor progress, and ensure that workers are safe.
Environmental Monitoring - This product can be used to monitor air and water quality, track wildlife populations, and detect natural disasters.
Surveillance and Security - ZKMANET2441UM can be used to monitor public spaces, private property, and critical infrastructure.
Delivery - This product can be used to deliver goods and supplies to remote or hard-to-reach areas.
In conclusion, ZKMANET2441UM is a versatile and reliable product that can be used in a wide range of scenarios and applications. Its high-performance specifications and long-range capabilities make it an ideal choice for anyone looking for a secure and efficient Unpiloted Flying Machine Data Link.

Customization:

Our customizable drone data link offers a variety of features, including CE certification, an output power of 33dBm, a size of 103.5*61.5*22mm, and a weight of 142g. With a data rate of 30Mbps and RF Channel of 1T2R, our data link is perfect for all your needs. Ordering is easy with a low minimum order quantity of just 1 and a price of 500USD/PC. Our packaging details are simple and efficient with shipment in a carton and a delivery time of just 15 days. Payment terms are TT, and our supply ability is 10000pcs/year.
Let us help you find the perfect drone data link for your needs. Contact us today to get started!

Support and Services:

Our Drone Data Link product comes with comprehensive technical support and services to ensure your satisfaction with the product. Our team of experts is available to provide assistance with any technical issues, troubleshooting, and product maintenance.
We offer the following technical support and services:
24/7 technical support through phone and email
Online resources, including user manuals and FAQs
Product training and demonstrations
Repair and replacement services
Customized solutions to meet your specific needs
Our goal is to provide you with the highest level of support and service to ensure that your Drone Data Link product operates smoothly and efficiently.

Packing and Shipping:

Product Packaging:
The Drone Data Link product will come in a sturdy cardboard box with the company logo and product name printed on it. Inside the box, the product will be wrapped in bubble wrap to ensure that it is protected during shipping.
Shipping:
The product will be shipped via standard shipping methods. The shipping cost will depend on the shipping address and the weight of the package. Customers will receive a tracking number once the product has been shipped, so they can track their package and know when it will arrive.

FAQ:

Frequently Asked Questions about ZKMANET2441UM Drone Data Link:
Q: What is ZKMANET2441UM?
A: ZKMANET2441UM is a drone data link product that enables wireless communication between a drone and a remote controller or ground station. It is designed and manufactured by ZKMANET, a company based in Shenzhen and certified by CE.
Q: What is the minimum order quantity for ZKMANET2441UM?
A: The minimum order quantity for ZKMANET2441UM is 1 unit. The price is 500USD/PC and packaging details are carton.
Q: What is the delivery time for ZKMANET2441UM?
A: The delivery time for ZKMANET2441UM is 15 days after payment is received. The payment terms are TT.
Q: What is the supply ability of ZKMANET2441UM?

A: The supply ability of ZKMANET2441UM is 10,000 units per year.

Q: Is ZKMANET2441UM compatible with all types of drones?

A: ZKMANET2441UM is compatible with most types of drones that have a compatible interface for the data link. However, it is recommended to check the compatibility of your drone before purchasing.