ZKMANET3451 Drone Data Link with FHSS and 70-120km LOS Transmission Range

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET3451
- Minimum Order Quantity: 1
- Price: 1000USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year

Product Specification

- HDMI Interface: Support
- Size: 120*90*40mm
- Working Temp: -40℃- +70℃
- IP Rating: IP54
- FHSS: Optional
- Data Rate: 28Mbps@10MHz & 56Mbps@20MHz
- Frequency Band: 1300-1500MHz
- TTL Port: Support
- Highlight: **FHSS Drone Data Link**,

  70-120km Drone Data Link,

  LOS Transmission Range Drone Data Link

More Images

Product Description

Product Description:

One of the key features of the Drone Data Link is its support for TTL port, which allows for seamless integration with various drone systems. This ensures that the data link system can be easily installed and used with the UAV, without requiring any additional hardware or software.

Another optional feature of the Drone Data Link is its FHSS (Frequency Hopping Spread Spectrum) capability. This feature is particularly useful when operating in crowded RF environments, as it allows for improved signal strength and reduced interference.

The Drone Data Link has a compact size of 120*90*40mm, which makes it easy to install and integrate with different types of drones. Its lightweight design also ensures that it doesn't add any significant weight to the UAV, which can affect its flight performance and battery life.

In summary, the COFDM Drone Video Transceiver is a reliable and stable data link system that provides seamless integration with various drone systems. Its low power consumption, support for TTL port, optional FHSS capability, and compact size make it an ideal solution for UAV applications that require a high-quality data link system.

Features:

Product Name: Drone Data Link

Data rate: 28Mbps@10MHz & 56Mbps@20MHz

Power consumption: <12w

Network Nodes: 32

Encryption: AES128

IP Rating: IP54

Drone Data Link is a COFDM drone video transceiver that provides high-speed drone UAV SDR image transmission and drone UAV VTOL video transceiver capabilities. It has a data rate of 28Mbps@10MHz & 56Mbps@20MHz and can support up to 32 network nodes. The product is equipped with AES128 encryption and has an IP54 rating. Additionally, it has low power consumption, using less than 12 watts.

Technical Parameters:

Product Attribute	Value
Type	Data Link System
Data Rate	28Mbps@10MHz & 56Mbps@20MHz
Transmission Range	70-120km(LOS)
HDMI Interface	Support

Frequency Band	1300-1500MHz
Power Supply	DC12-36V
Network Nodes	32
FHSS	Optional
IFS	Optional
RF Channel	2T2R

This Long Distance drone video transceiver is a Commercial Drone UAV data link that can be used as a drone UAV VTOL video transceiver.

Applications:

Drone Data Link is an ideal product for drone enthusiasts who need to transmit videos wirelessly in real-time. This product can be used for a wide range of applications and scenarios, making it a versatile tool in the drone industry.
One of the most common applications of this product is aerial photography and videography. Drone enthusiasts can use it to capture high-resolution videos and images from their drones and broadcast them in real-time. This feature is particularly useful for professional photographers and videographers who need to monitor the footage as it is being captured.
This product is also useful in search and rescue missions. Drones are commonly used in search and rescue operations, and the Drone Data Link product can be used to transmit video footage of the search area to the rescue team in real-time. This can help the rescue team identify the location of the missing person or object and coordinate their efforts more effectively.
Another application of this product is in surveillance and security. Drones can be used for surveillance purposes, and the Drone Data Link product can be used to transmit the video footage to the security team in real-time. This can help the security team monitor the area more effectively and respond to any security threats quickly.
The Drone Data Link product is packed in a carton and has a delivery time of 15 days. The payment terms are TT, and the product has a minimum order quantity of one. The IP rating of this product is IP54, and it supports AES128 encryption. The TTL port is also supported, and IFS and FHSS are optional.
With a supply ability of 10000pcs/year and a price of 1000USD/PC, the Drone Data Link product is a reliable and affordable tool for drone enthusiasts who need to transmit videos wirelessly in real-time.

Customization:

Our data link system has a data rate of 28Mbps@10MHz & 56Mbps@20MHz, as well as AES128 encryption to ensure secure transmission. The output power is 4W and the power supply is DC12-36V.
Customization services are available for our drone video transmitter to meet your specific needs. Contact us for more information on how we can tailor our product to fit your requirements.
ZKMANET3451UM is a type of drone accessory that can be used with any drone. So, get your ZKMANET3451UM drone data link system now and enjoy seamless video and data transmission!

Support and Services:

Our Drone Data Link product is designed to provide reliable and stable communication between drones and ground control stations. Our technical support team is available to assist with any issues related to the installation, configuration, and operation of the product.
We offer a range of services to ensure that our customers have a seamless experience with our Drone Data Link product. These services include:
Product training and onboarding
Regular software updates
Remote troubleshooting and technical assistance
On-site repair and maintenance services
Our goal is to provide the highest level of support and service to our customers, so they can focus on utilizing our Drone Data Link product to its full potential.

Packing and Shipping:

Product Packaging:
The Drone Data Link product will be carefully packed in a sturdy box to ensure safe transportation. Inside the box, you will find:
The Drone Data Link device
Antennas for transmission and reception
Power supply and cables
User manual
Shipping:
The Drone Data Link product will be shipped via our trusted courier partner within 2 business days of placing the order. The estimated delivery time will depend on your location and chosen shipping method. You will receive a tracking number once the product has been shipped, so you can easily keep track of your package. If you have any questions or concerns about the shipping process, please don't hesitate to contact us.

FAQ:

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 ZKMANET3451UM.

Q: Where is this product manufactured?
A: This product is manufactured 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 1000USD/PC.

Q: What are the packaging details for this product?
A: The packaging details for this product are 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 are TT.

Q: What is the supply ability for this product?
A: The supply ability for this product is 10000pcs/year.