ZKMANET3451 1300-1500MHz 28Mbps COB Antenna 4W Drone Telemetry Data Link For Long Range Video Transmission_475g

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

- Size: 120*90*40mm
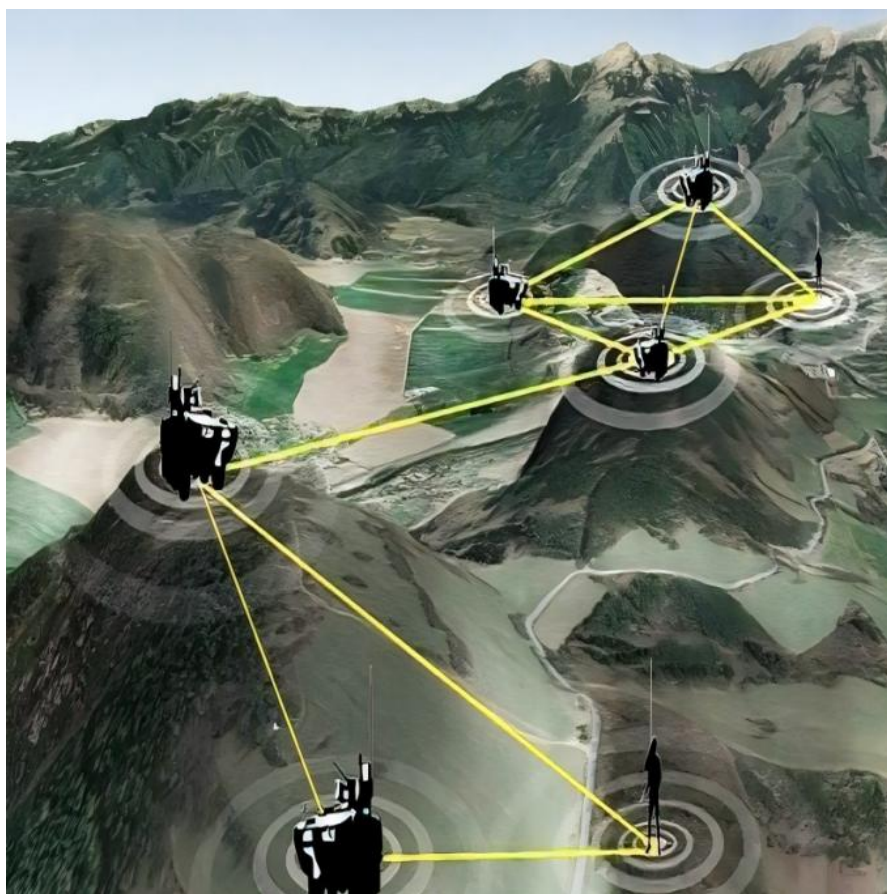- Output Power: 4W
- Frequency Band: 1300-1500MHz
- IFS: Optional
- Weight: 475g
- Data Rate: 28Mbps@10MHz & 56Mbps@20MHz
- HDMI Interface: Support
- Power Consumption: <12w
- Highlight: **Drone Telemetry Data Link**,

  1300-1500MHz Drone Telemetry Data Link,

  4W Drone Telemetry Data Link

More Images

Product Description

Product Description:

One of the key features of the Drone Data Link is its optional Frequency Hopping Spread Spectrum (FHSS) technology. This feature allows the drone to switch frequencies multiple times per second, which can help reduce interference and improve overall data transmission performance.

The power supply for the Drone Data Link is DC12-36V, which is suitable for a wide range of drones and other unmanned aerial vehicles. Additionally, this system is designed to operate in extreme temperatures, with a working temperature range of -40°C- +70°C.

The Drone Data Link also includes an HDMI interface, which allows for high-quality video transmission. This makes it ideal for applications that require high-resolution video, such as aerial photography and videography.

The frequency band for the Drone Data Link is 1300-1500MHz, which is ideal for long-range data transmission. This frequency band is also less crowded than other bands, which can help reduce interference and improve overall performance.

The Drone Data Link also includes a drone video transmission antenna, which helps to ensure a strong and reliable connection between the drone and the ground control station. This antenna is designed to provide a high-gain signal, which can help extend the range of the data link.

Overall, the Drone Data Link is a high-performance wireless data transmission system that is ideal for commercial drone applications. With its FHSS technology, DC12-36V power supply, wide temperature range, HDMI interface, and high-gain drone video transmission antenna, this system provides reliable and high-quality data transmission for a variety of drone applications.

Features:

Product Name: Drone Data Link

FHSS: Optional

IFS: Optional

Transmission Range: 70-120km(LOS)

Weight: 475g

Frequency Band: 1300-1500MHz

drone SDR image transmission

UAV Transmission Module

Long Distance drone video transceiver

Technical Parameters:

Network Nodes:	32
Weight:	475g
Frequency Band:	1300-1500MHz
Power Supply:	DC12-36V
Data rate:	28Mbps@10MHz & 56Mbps@20MHz
Transmission Range:	70-120km(LOS)
Encryption:	AES128
RF Channel:	2T2R
FHSS:	Optional
HDMI interface:	Support

Applications:

The ZKMANET3451UM is a powerful drone video transmitter that operates on DC12-36V power supply. The module supports a data rate of 28Mbps@10MHz & 56Mbps@20MHz, making it ideal for transmitting high-quality video in real-time. The RF channel for the device is 2T2R, which ensures reliable and stable transmission. The module's dimensions are 120*90*40mm, which makes it compact and easy to integrate with different drone designs. The module also comes with TTL port support, which makes it easy to connect with other devices. There are various occasions and scenarios where the ZKMANET3451UM drone video transmitter can be used. The product is ideal for use in applications such as aerial photography, surveillance, and mapping. It can be used by drone manufacturers to create high-quality UAVs with reliable real-time video transmission capabilities. The module can also be used in search and rescue operations, where real-time video data is critical to the success of the mission.
The ZKMANET3451UM drone video transmitter is also suitable for use in the agricultural industry, where drones are used for crop monitoring and spraying. The module can help farmers monitor their crops in real-time, making it easier to detect pests and diseases. The device can also be used in the construction industry, where drones are used for inspecting buildings and structures.

Customization:

Our customization services include AES128 encryption, allowing for secure data transmission between the drone and the drone video receiver. The Data Link can support up to 32 network nodes and comes with optional FHSS technology for improved frequency hopping. The frequency band ranges from 1300-1500MHz with 2T2R RF channels, ensuring clear and stable video transmission.

Support and Services:

Our Drone Data Link product comes with comprehensive technical support and services to ensure that our customers can make the most out of their investment. Our team of experts is available to answer any questions or concerns regarding the installation, configuration, and operation of the product.
In addition, we offer product training services to help our customers fully understand the features and capabilities of the Drone Data Link. This includes both on-site training and remote training sessions.
For customers who require additional assistance, we also provide custom engineering services to tailor the product to their specific needs. Our experienced engineers will work closely with the customer to identify and address any unique challenges or requirements.
Lastly, we offer maintenance and repair services to ensure that the Drone Data Link operates smoothly and efficiently throughout its lifespan. This includes regular inspections, software updates, and repairs when necessary.

Packing and Shipping:

Product Packaging:
The Drone Data Link product comes in a sturdy cardboard box with a sleek design that keeps the product safe during transit. The box includes:
The Drone Data Link device
Instruction manual
USB charging cable
Mounting accessories
Shipping:
All orders are shipped within 24 hours of purchase and are sent via our trusted courier partners. Depending on your location, shipping may take up to 7 business days. Once your order has been shipped, you will receive a tracking number that you can use to track your package's delivery status.

FAQ:

What is the model number of the drone data link product?
The model number of the drone data link product is ZKMANET3451UM.
2.

Where is the drone data link product manufactured?
The drone data link product is manufactured in Shenzhen.

3.
What certifications does the drone data link product have?
The drone data link product has CE certification.

4.
What is the minimum order quantity for the drone data link product?
The minimum order quantity for the drone data link product is 1.

5.
What is the price of the drone data link product?
The price of the drone data link product is 1000USD/PC.

6.
What are the payment terms for purchasing the drone data link product?
The payment terms for purchasing the drone data link product are TT.

7.
What is the packaging detail for the drone data link product?
The packaging detail for the drone data link product is Carton.

8.
What is the supply ability for the drone data link product?
The supply ability for the drone data link product is 10000pcs/year.

9.
What is the delivery time for the drone data link product?
The delivery time for the drone data link product is 15 days.