

## Compact and Secure 120\*90\*40mm Unmanned Aerial Vehicle Data Communication System 56Mbps Data Rate

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: 1500USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year



### Product Specification

- IP Rating : IP54
- Encryption: AES
- Output Power: 4W
- Type: Drone MESH Video Link
- Interface: LAN/TTL;HDMI
- Size: 120\*90\*40mm
- Power Supply: DC12-36V
- RF Channel: 2T2R
- Highlight: **Unmanned Aerial Vehicle Data Communication System**  
, uav aircraft data communication system,  
Compact uav Data Link



### More Images



## Product Description

### Product Description:

The Drone MESH Video Link is designed to meet the needs of professional drone pilots who require a high-performance data link for their operations. With a weight of only 475g and compact dimensions of 120\*90\*40mm, it is easy to transport and install on your drone. The device is powered by a DC12-36V power supply, making it compatible with a wide range of aircraft.

The Drone Data Link operates in a temperature range of -40°C- +70°C, making it suitable for use in a variety of environments. It is built using high-quality materials and advanced technology, ensuring reliable and durable performance even in challenging conditions.

With the Drone Data Link, you can enjoy real-time video streaming and telemetry data transmission from your drone to the ground control station. This allows you to monitor your drone's performance and make necessary adjustments in real-time, ensuring safe and efficient operations.

The Drone Data Link is easy to set up and use, making it an ideal choice for both novice and experienced drone pilots. Whether you're flying for fun or conducting professional operations, the Remote Controlled Aircraft Data Network provided by the Drone Data Link will ensure a stable and secure connection at all times.

### Features:

Product Name: Drone Data Link

Encryption: AES

Frequency Band: 70MHz-6GHz (Customizable)

Size: 120\*90\*40mm

Weight: 475g

Data rate: 56Mbps (MAX)

Drone Data Link is a high-performance drone communication and data transmission link that provides secure and reliable connectivity for unmanned aerial vehicles. This uncrewed aerial vehicle data linkage system uses AES encryption to protect data transmission from unauthorized access. With a customizable frequency band range of 70MHz-6GHz, Drone Data Link ensures seamless and uninterrupted communication between drones and their ground control stations. Measuring at 120\*90\*40mm and weighing 475g, this compact and lightweight system is easy to install and operate. With a maximum data rate of 56Mbps, Drone Data Link delivers high-speed data transmission for efficient drone operations.

### Technical Parameters:

Product Attribute	Technical Parameter
Product Name	Remotely Piloted Aircraft Data Link
Output Power	4W
Power Consumption	<25w
Interface	LAN/TTL;HDMI
Working Temperature	-40°C- +70°C
Data Rate	56Mbps(MAX)
Frequency Band	70MHz-6GHz Customizable
RF Channel	2T2R
Size	120*90*40mm
Bandwidth	5/10/20/40MHz
IP Rating	IP54
Description	Remotely Piloted Aircraft Data Link, Remote Controlled Aircraft Data Network

### Applications:

ZKMANET3451 Drone MESH Video Link can be used in a variety of occasions and scenarios. This data link product can be used in the military for communication between military drones and their controllers. It can also be used in the agriculture industry for data transfer between drones and their controllers. This helps in monitoring crops and detecting any changes in the fields.

Another application of ZKMANET3451 Drone MESH Video Link is in the construction industry. Drones are used to inspect buildings and bridges. The data link product is used to transfer the inspection data to the controller. This helps in identifying any faults and taking necessary measures.

ZKMANET3451 Drone MESH Video Link can also be used in the delivery industry. Drones are used for delivering packages in remote areas. The data link product helps in transferring data between the drone and its controller. This ensures that the package is delivered to

the right location.

The product is also applicable in the surveillance industry. Drones are used to monitor large areas and the data link product is used to transfer the surveillance data to the controller. This helps in detecting any suspicious activities and taking necessary actions.

In conclusion, ZKMANET3451 is an ideal unpiloted flying machine data link that can be used in various scenarios. Its bandwidth of 5/10/20/40MHz, power supply of DC12-36V, and power consumption of <25w makes it efficient for use. It is a reliable product that can be used in different industries for drone data transfer solutions.

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