# Long-Range Wireless Video Data Transceiver for IP Mesh Manet Drone Radio Data Link -40- 70°C

## **Basic Information**

Brand Name:

ZIMANET

- Certification: CE
- Model Number:
- Minimum Order
  Quantity:
- Price: 1500USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms:
- Supply Ability: 10000pcs/year

## Product Specification

	Long-Range Drone Data Link, Long-Range Wireless Video Data Transceiver
Highlight:	IP Mesh Manet Drone Data Link,
• Ifs:	Optional
Rotation Angle:	360° Horizontally, 90° Vertically
• Extending Interface:	HDMI LAN TTL
Working Temperature:	-40~+70ºC
Antenna Gain:	2 DBi
Serial Port:	1x UART Port (TTL232)
Output Power:	4W
• Type:	Data Link System

ZKMANET

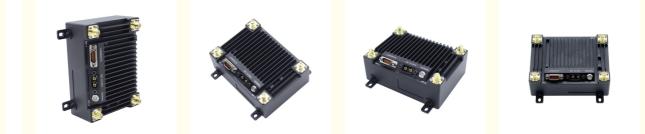
1

ΤT

ZKMANET3451-H



## More Images



### **Product Description:**

The ZKmanet3451-H Drone Data Link offers a comprehensive solution for Aerial Robot Data Exchange Connection, providing seamless - communication between drones and ground stations. This advanced data link system is designed to enhance the efficiency and reliability of data transmission during drone operations.

Equipped with a versatile range of extending interfaces including HDMI, LAN, and TTL, the ZKmanet3451-H ensures compatibility with various devices and systems for a smooth and seamless integration process. The HDMI interface enables high-quality video transmission, while the LAN and TTL interfaces support flexible connectivity options for different applications.

Designed to withstand extreme conditions, the ZKmanet3451-H Drone Data Link operates effectively in a wide range of temperatures from -40 to +70°C. This rugged design ensures reliable performance even in challenging environments, making it suitable for a variety of aerial missions and applications.

The ZKmanet3451-H Drone Data Link features a superior rotation capability, allowing for a full 360° rotation horizontally and a 90° rotation vertically. This exceptional rotation angle provides enhanced flexibility and control during data transmission, ensuring optimal coverage and connectivity between the drone and the ground station.

With the optional Ifs (Interface Modules), users have the flexibility to customize and expand the functionality of the ZKmanet3451-H Data Link according to their specific requirements. This optional feature allows for seamless integration with additional devices or systems, enhancing the overall performance and versatility of the data link system.

#### Features:

Product Name: Drone Data Link Encoding: H.264 Rotation Angle: 360° Horizontally, 90° Vertically Serial Port: 1x UART Port (TTL232) Model: ZKmanet3451-H Size: 142\*116\*50mm

## **Technical Parameters:**

Output Power	-4W	
Туре	Data Link System	
Power Consumption	<37dBm	
Encryption	AES-256	
Antenna Gain	2 DBi	
Encoding	H.264	
Frequency Band	1.3-1.5GHz	
Extending Interface	HDMI LAN TTL	
lfs	Optional	
Model	ZKmanet3451-H	

### **Applications:**

ZKMANET3451-H Drone Data Link is a cutting-edge product suitable for a variety of Product Application Occasions and Scenarios. The \_ product is designed to facilitate Uncrewed Aerial Vehicle Data Linkage, making it an essential tool for industries such as agriculture, surveillance, mapping, and more.

Whether it's monitoring crops in vast farmlands, conducting aerial surveys for urban planning, or assisting in search and rescue missions, the ZKMANET3451-H Data Link System offers reliable and efficient Aerial Robot Data Exchange Connection.

With its origins in China, the ZKMANET brand ensures top-notch quality and performance. The CE certification guarantees compliance with European standards, making it a trusted choice for professional and commercial use.

The compact size of 142\*116\*50mm makes it easy to integrate into different drone models without adding unnecessary bulk. The 2 DBi Antenna Gain ensures stable and long-range communication, while the H.264 encoding delivers high-quality video transmission.

When it comes to purchasing the ZKMANET3451-H Drone Data Link, the minimum order quantity is only 1 unit, with a price of 1500USD per piece. The product is packaged securely in a carton for safe delivery within 15 days from ordering.

Payment terms for the product include TT, providing a convenient and secure transaction process. With a supply ability of 10000pcs/year, customers can rely on ZKMANET for consistent availability of this essential Data Link System.

ZIMMNET Zhongke Lianxun (Shenzhen) Technology Co., Ltd				
•	86 13266718951	Info@chinamanet.com	e	zkmanet.com
203-B161, Block B,	, 0	ng, No.1079 Nanhai Avenue, nan District, Shenzhen, Chin		shan Community, Merchants