

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

Our Product Introduction

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Basic Information

- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET3451-H
- Minimum Order Quantity: 1
- Price: 1500USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT
- Supply Ability: 10000pcs/year



Product Specification

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



More Images



Product Description

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
Type	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
Ifs	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.



203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants
Street, Nanshan District, Shenzhen, China