

Manet Airborne Radio For Drone UAV UGV Robotic Video Trnasmitter Receiver For Drone Relay Data Repeater

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

- Antenna Gain: 2 DBi
- Extending Interface: HDMI LAN TTL
- Rotation Angle: 360° Horizontally, 90° Vertically
- Encryption: AES-256
- Serial Port: 1x UART Port (TTL232)
- Size: 142*116*50mm
- Ifs: Optional
- Power Consumption: <37dBm
- Highlight: **UGV Data Repeater, Drone UAV Data Repeater, Robotic Video Data Repeater**



More Images



Product Description

Product Description:

The Drone Data Link product is a cutting-edge Unmanned Aerial Vehicle Data Communication System designed to provide reliable and efficient data transmission for UAV operations. This advanced system features top-of-the-line specifications to ensure seamless communication between the drone and the ground station.

Encoded with H.264 technology, the Drone Data Link product guarantees high-quality video streaming and data transfer, essential for real-time monitoring and control of the UAV. The use of H.264 encoding ensures optimal efficiency and compression, resulting in smooth and clear data transmission.

With a power consumption of less than 37dBm, the Drone Data Link product offers energy-efficient performance without compromising on signal strength. This low power consumption makes it an ideal choice for prolonged UAV missions where power conservation is crucial for extended flight times.

The model ZKmanet3451-H is a state-of-the-art UAV Data Relay and Control Link system that is equipped with the latest technology to meet the demands of modern drone operations. Its advanced features and robust design make it a reliable and effective solution for data communication between the UAV and the ground control station.

Equipped with a 2 DBi antenna gain, the Drone Data Link product ensures strong and stable signal transmission over long distances. This high antenna gain enhances the system's communication range, allowing the UAV to maintain a reliable connection with the ground station even in challenging environments.

As a Data Link System, the Drone Data Link product serves as a crucial link for transmitting vital data between the UAV and the ground control station. It facilitates real-time telemetry, video streaming, and command transmission, enabling operators to monitor and control the drone with precision and efficiency.

Overall, the Drone Data Link product is a high-performance UAV Data Relay and Control Link system that offers reliable, efficient, and secure data communication for unmanned aerial vehicle operations. Its cutting-edge technology, energy-efficient design, and robust construction make it an essential component for ensuring seamless connectivity and control of drones in various applications.

Features:

Product Name: Drone Data Link
Extending Interface: HDMI LAN TTL
Power Consumption: <37dBm
Working Temperature: -40~+70°C
Size: 142*116*50mm
IFs: Optional

Technical Parameters:

Encryption	AES-256
IFs	Optional
Rotation Angle	360° Horizontally, 90° Vertically
Model	ZKmanet3451-H
Serial Port	1x UART Port (TTL232)
Output Power	4W
Encoding	H.264
Frequency Band	1.3-1.5GHz
Extending Interface	HDMI LAN TTL
Antenna Gain	2 DBi

Applications:

ZKMANET3451-H Drone Data Link is a cutting-edge product designed for the Unmanned Aerial Vehicle Data Communication System. With its advanced features and specifications, this data link system is ideal for various application occasions and scenarios.

One of the key product attributes of ZKMANET3451-H is its reliable UAV Data Relay and Control Link capabilities. This makes it perfect for use in surveillance and monitoring missions, allowing seamless communication between the drone and the ground station.

Moreover, the ZKMANET3451-H Drone Data Link is well-suited for search and rescue operations. Its robust design and encryption technology (AES-256) ensure secure data transmission, making it a dependable tool in critical situations.

For agricultural purposes, this data link system can be utilized for crop monitoring and spraying. The high output power of 4W and frequency band of 1.3-1.5GHz enable efficient data transmission even in remote areas.

Additionally, the ZKMANET3451-H is suitable for industrial inspections and mapping. Its working temperature range of -40~+70°C allows it to operate in challenging environments, providing real-time data relay for enhanced productivity.

Whether it's for aerial photography, wildlife monitoring, or infrastructure inspections, the ZKMANET3451-H Drone Data Link offers a reliable solution with CE certification. Customers can place orders with a minimum quantity of 1 unit, priced affordably at 1500USD/PC.

The product is manufactured in China and comes with packaging details in a carton for safe delivery. With a delivery time of 15 days and payment terms of TT, customers can expect a hassle-free purchasing experience. The supply ability of 10000pcs/year ensures consistent availability for ongoing projects.

In conclusion, the ZKMANET3451-H Drone Data Link is a versatile and high-performance solution for UAV Data Relay and Control Link applications. Its innovative features and specifications make it a valuable asset in various industries, providing seamless communication and data transmission for efficient operations.

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