Drone Data Link Video Encoding Transmission Relay UAV Drone Video Transmitter And Receiver
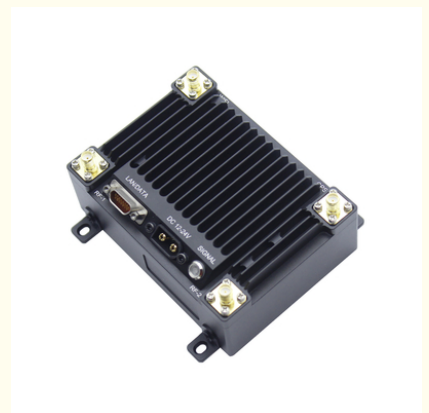
Basic Information

- 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
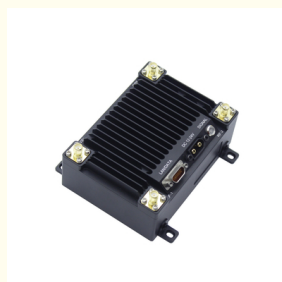- Supply Ability:　　　　　10000pcs/year

Product Specification

- Antenna Gain:　　　　　2 DBi
- Power Consumption:　　<37dBm
- Rotation Angle:　　　　360° Horizontally, 90° Vertically
- Model:　　　　　　　　ZKmanet3451-H
- Type:　　　　　　　　Data Link System
- Encryption:　　　　　　AES-256
- Ifs:　　　　　　　　　Optional
- Frequency Band:　　　1.3-1.5GHz
- Highlight:　　　　　**UAV Drone Video Transmitter**,
  Relay UAV Drone Video Transmitter,
  Drone Data Link Video Transmitter

More Images

Product Description

Product Description:

The Drone Data Link is a cutting-edge solution designed to enhance communication and data transmission capabilities for Remotely Piloted Aircraft (RPA). This advanced system provides a reliable and efficient connection for drone operations, ensuring seamless exchange of crucial information.

Featuring multiple extending interfaces including HDMI, LAN, and TTL, the Drone Data Link offers versatile connectivity options to suit various requirements. The HDMI interface enables high-definition video output, while the LAN and TTL interfaces support data transmission with ease.

With an impressive output power of 4W, this data link system ensures reliable and stable communication between the drone and the ground station. Whether transmitting real-time video footage or exchanging important mission data, the Drone Data Link delivers exceptional performance to meet the demands of modern drone operations.

For added flexibility, the Drone Data Link comes with optional IFs, allowing users to customize the system based on their specific needs. This feature enables seamless integration with existing drone setups, enhancing overall compatibility and functionality.

Security is a top priority when it comes to drone communication, and the Drone Data Link ensures data protection through advanced encryption technology. Utilizing AES-256 encryption, this system safeguards sensitive information during transmission, providing a secure and reliable data exchange connection for aerial robot operations.

Despite its powerful performance capabilities, the Drone Data Link remains compact and portable, with a size of 142*116*50mm. This sleek and lightweight design makes it easy to install and transport, ensuring convenience and efficiency for drone operators in various scenarios.

Overall, the Drone Data Link is a comprehensive solution for enhancing communication and data transmission for drone operations. Whether used for aerial surveillance, mapping missions, or other drone applications, this system provides a reliable and efficient connection for seamless data exchange. With its advanced features, versatile interfaces, and robust security measures, the Drone Data Link is a valuable asset for optimizing the performance of Remotely Piloted Aircraft and ensuring successful missions.

Features:

Product Name: Drone Data Link
Type: Data Link System
Rotation Angle: 360° Horizontally, 90° Vertically
Ifs: Optional
Encryption: AES-256
Encoding: H.264

Technical Parameters:

Size	142*116*50mm
Model	ZKmanet3451-H
Frequency Band	1.3-1.5GHz
Rotation Angle	360° Horizontally, 90° Vertically
Type	Data Link System
Power Consumption	<37dBm
Output Power	4W
Antenna Gain	2 DBi
Serial Port	1x UART Port (TTL232)
Encryption	AES-256

Applications:

ZKMANET3451-H Drone Data Link is a cutting-edge product designed for UAV data relay and control link applications, providing seamless communication between ground control stations and unmanned aerial vehicles. With its advanced features and reliable performance, this data link system is suitable for a wide range of scenarios.

One of the primary application occasions for ZKMANET3451-H Drone Data Link is in the field of Uncrewed Aerial Vehicle Data Linkage. Whether for military reconnaissance missions or civilian aerial surveys, this product ensures secure and real-time data transmission, enabling operators to effectively control and monitor UAVs from a remote location.

In addition, ZKMANET3451-H Drone Data Link is ideal for Remotely Piloted Aircraft Data Link applications in various industries such as agriculture, construction, and emergency response. By establishing a stable connection between the ground control system and the drone, users can leverage the data link for tasks such as aerial mapping, infrastructure inspection, and disaster assessment.

Manufactured in China, the ZKMANET3451-H Drone Data Link is CE certified, guaranteeing compliance with international quality standards. The product's compact size (142*116*50mm) and extending interfaces (HDMI LAN TTL) make it versatile and easy to integrate into existing UAV systems.

With a minimum order quantity of 1 and a price of 1500USD per unit, the ZKMANET3451-H Drone Data Link comes packaged in a secure carton for safe delivery. Customers can expect a delivery time of 15 days upon order confirmation, with payment terms available through TT.

With AES-256 encryption and a frequency band of 1.3-1.5GHz, the ZKMANET3451-H Drone Data Link ensures secure and interference-free communication between the ground station and the UAV. The product's supply ability of 10000pcs per year further highlights its reliability and availability for various UAV data link applications.