

## Customizable Frequencies Drone Data Link 2.5/5/10/20Mhz Channel Bandwidth 1300-1500MHz and IFS Support

Our Product Introduction

for more products please visit us on [zkmanet.com](http://zkmanet.com)

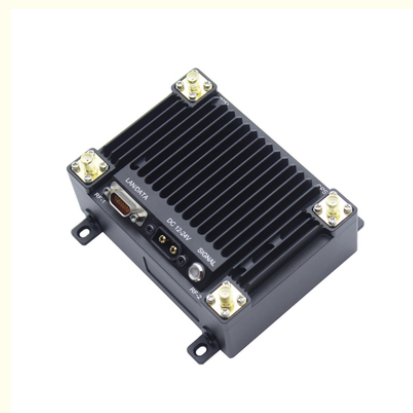
### Basic Information

- 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

- Operating Temperature: -20°C To 60°C
- IFS: Support
- Receive Sensitivity: -100dBm@2.5MHz
- Ttl Port: Support
- Fhss: Support
- Interface: RF LAN DC Charger
- Transmission Distance: 10-49 Km
- Movement Speed: >1000km/h
- Highlight: 2.5/5/10/20Mhz Drone Data Link,  
IFS Support Drone Data Link,  
1300-1500MHz Drone Data Link



### More Images



## Product Description

### Product Description:

The Drone Data Link is a crucial component for any Unpiloted Flying Machine Data Link, providing a reliable and secure connection for your remote controlled aircraft data network. With a wide operating temperature range of -20°C to 60°C, this data link system is designed to perform even in extreme environmental conditions.

Equipped with an IP65 rating, the Drone Data Link offers protection against dust and water ingress, ensuring durability and longevity in various outdoor settings. This makes it an ideal solution for missions that require robust and weather-resistant communication equipment. The interface options of RF LAN DC Charger provide flexibility and convenience for users, allowing for seamless integration with different types of drones and ground control stations. Whether you need to establish a point-to-point or point-to-multipoint connection, the Drone Data Link offers versatile connectivity options to suit your specific requirements.

With channel bandwidth options of 2.5/5/10/20MHz, this data link system enables efficient data transmission and reception, allowing for smooth and reliable communication between the drone and the ground station. The adjustable channel bandwidth ensures optimal performance based on the operating environment and communication needs.

Moreover, the Drone Data Link boasts a receive sensitivity of -100dBm@2.5MHz, ensuring strong signal reception even in challenging RF conditions. This high receive sensitivity enhances the overall reliability and stability of the data link system, enabling seamless data transfer between the drone and the ground control station.

### Features:

Product Name: Drone Data Link  
Bandwidth: 1.4/2.5/5/10/20/40MHz  
Transmission Distance: 10-49 Km  
Movement Speed: >1000km/h  
Ttl Port: Support  
Receive Sensitivity: -100dBm@2.5MHz

### Technical Parameters:

Frequencies	1300-1500MHz (70MHz-6GHz Customizable)
Receive Sensitivity	-100dBm@2.5MHz
Network Capability	8 Nodes (Customizable)
IP Rating	IP65
Interface	RF LAN DC Charger
Modulation Type	BPSK/QPSK/16QAM/64QAM (adaptive)
IFS	Support
FHSS	Support
RF Waveform	TDD-COFDM (2T2R)
TTL Port	Support

### Applications:

ZKMANET3451-H is a cutting-edge Unpiloted Flying Machine Data Link product designed for a wide range of applications and scenarios. With its advanced features and reliable performance, this product is suitable for various industries and use cases.

Product Application Occasions and Scenarios:

- Surveillance and Security:** The ZKMANET Unpiloted Flying Machine Data Link is ideal for surveillance missions, providing real-time data transmission for monitoring large areas and enhancing security measures.
- Agriculture and Mapping:** Farmers can utilize the ZKMANET3451-H for crop monitoring, irrigation management, and mapping fields with high precision. The data link ensures seamless communication between the Unmanned Aerial Vehicle and ground control.
- Search and Rescue Operations:** During search and rescue missions, the ZKMANET Data Link plays a crucial role in transmitting vital information and live video feeds, enabling rescue teams to locate individuals in remote or hazardous environments.
- Environmental Monitoring:** Researchers and environmental agencies can benefit from the ZKMANET product for collecting environmental data, conducting wildlife surveys, and monitoring natural disasters from a safe distance.
- Infrastructure Inspection:** The ZKMANET3451-H is essential for inspecting infrastructure such as power lines, pipelines, and bridges. It provides stable and long-range data transmission capabilities for accurate inspections and maintenance tasks.
- Emergency Response:** In emergency situations such as fires or accidents, the ZKMANET Data Link ensures reliable communication between ground teams and Unmanned Aerial Vehicles for swift response and coordination.

With its CE certification and origin from China, the ZKMANET product guarantees quality and compliance with international standards. Customers can order a minimum quantity of 1 unit at a price of 1500USD per piece, packaged securely in cartons for delivery within 15 days.

The payment terms for the ZKMANET3451-H include TT, and the supply ability is 10000 units per year. The RF waveform TDD-COFDM

(2T2R) and transmission distance of 10-49 km make it a reliable choice for long-range data communication. The frequencies range from 1300-1500MHz, with customizable options from 70MHz to 6GHz, and a bandwidth of 1.4/2.5/5/10/20/40MHz. Furthermore, the ZKMANET Data Link offers network capability for up to 8 nodes, which is customizable based on specific requirements. Its versatility and performance make it a valuable asset for various Unmanned Aerial Vehicle Data Communication Systems.

**ZKMANET** Zhongke Lianxun (Shenzhen) Technology Co., Ltd



+86 13266718951



Info@chinamanet.com



zkmanet.com

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