

Long Range Drone Data Link with 96Mbps Throughput

Our Product Introduction

for more products please visit us on zkmanet.com

Basic Information

- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET3561
- Minimum Order Quantity: 2
- Price: 999USD/PC
- Packaging Details: Carton
- Delivery Time: 5-15days
- Payment Terms: TT
- Supply Ability: 100000pcs/year

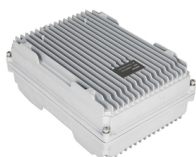



Product Specification

- Interface: LAN/TTL;HDMI
- Bandwidth Mode: 2.5/5/10/20/40MHz (40Mhz Optional)
- Power Interface: Waterproof Aviation Connector
- Dimension: 300*238*133mm
- Max Throughput: 48-96Mbps (Max)
- Working Temp: -20°C- +60°C
- Modulation Types: QPSK(4QAM),16QAM,64QAM
- Transmission Distance: Long Range (customizable)
- Highlight: long range drone data link,
96Mbps drone data link,
high throughput drone data link




More Images







Product Description

Long Range Transmission UAV UGV Drone MESH Radio Data Link Base Station

Key Specifications

Attribute	Value
Interface	LAN/TTL;HDMI
Bandwidth Mode	2.5/5/10/20/40MHz (40Mhz Optional)
Power Interface	Waterproof Aviation Connector
Dimension	300*238*133mm
Max Throughput	48-96Mbps (Max)
Working Temp	-20°C- +60°C
Modulation Types	QPSK(4QAM),16QAM,64QAM
Transmission Distance	Long Range (customizable)

Product Overview

The Drone Data Link establishes reliable communication between unmanned aerial vehicles and ground stations, offering high-performance features for demanding remotely piloted aircraft operations. With a maximum throughput of 48-96Mbps, this system ensures rapid transmission of real-time video streams and telemetry data.

Key Features

- High-speed data transmission up to 96Mbps
- Customizable long-range transmission distance
- Compact dimensions (300×238×133mm) for easy integration
- Low power consumption (<95W) for extended missions
- Waterproof aviation connector for rugged environments
- Multiple bandwidth modes (2.5/5/10/20/40MHz)
- Advanced modulation types (QPSK, 16QAM, 64QAM)

Technical Parameters

Parameter	Specification
Frequency Band	1300-1500MHz
Transmission Distance	Long Range (customizable)
Modulation Types	QPSK(4QAM),16QAM,64QAM
Power Interface	Waterproof Aviation Connector
LAN Interface	RJ45×2, TTL×3
Working Method	Point To Point, Point To Multipoints, Multipoints To Multipoints
Intelligent Frequency Selection (IFS)	Optional
Working Temperature	-20°C to +60°C
Weight	6.5kg

Applications

The ZKMANET3561 Drone Data Link is designed for unmanned aerial vehicle communication systems, autonomous airborne data relay, and remote controlled aircraft networks. Its versatile working methods (point-to-point or multipoint configurations) make it suitable for various operational scenarios.

With CE certification and robust construction, this system operates reliably in diverse environmental conditions (-20°C to +60°C). The compact, lightweight design (6.5kg) ensures easy integration into different drone platforms while maintaining high performance.

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