4W MESH Uav Video Data Link Radio Transmitter with 82Mbps for Long Range 40-49km Transmission

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2451UM
- Minimum Order Quantity: 1
- Price: USD 1999~4999
- Packaging Details: Brown Carton
- Delivery Time: 4 working weeks
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year

Product Specification

- Frequency: 1.4GHz (300MHz-3.8GHz Customizable)
- Bandwidth: 5/10/20/40MHz
- RF Channel: 2T2R
- Output Power: 4W
- Network Capacity: 8 Nodes Customizbale
- Data Rate: 82Mbps
- Encryption: AES
- Range: 40-49 Km (LOS)
- Highlight: **82Mbps Long Range Data Link,**
  40-Long Distance Uav Video Data Link,
  40-Long Distance Radio Transmitter

More Images

Product Description

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Product Description

ZKManet2451UM is a 4W MESH video data link that can be used in various communication combinations for different usage

Our Pr

scenarios. It can be used on moving vehicles, ships, robots, drones, unmanned boats, etc., allowing for easy plug-and-play operation without the need for configuration or parameter changes. It is primarily used for multimedia interconnection between drones and individual soldiers, and between individual soldiers and base stations.

Features

* Data rate up to 82Mbps
* Range up to 40~49km
* Full transparent IP data transmission
* With HDMI input
* Supports 8 nodes customizable
* Small size and light weight

Specifications

Model	ZKManet2451UM	Brand	ZKMANET
RF Parameters	Frequency	1400-1460MHz (300MHz-3.8GHz Customizable)	
	Bandwidth	5/10/20/40MHz	
	RF Channel	2T2R	
	Output Power	4W	
Network Parameters	Network Size	8 nodes customizable	
	Data Rate	82Mbps	
	Encryption	AES	
	Range	40-49 km (LOS)	
Physical/ Environment	Dimensions	113*84*38mm	
	Weight	450g	
	Working Temp	-40ºC~+65ºC	
	IP Rating	IP54	
Electronic Parameters	Power Supply	DC12-24V	
	Power Consumption	<12W	
Other	HDMI Interface	Support	
	LAN Port	Support	
	TTL Port	Support	

Dimensions

4W 82Mbps Long Range 40~Long Distance Uav Video Data Link Radio Transmitter

Panel Description

4W 82Mbps Long Range 40~Long Distance Uav Video Data Link Radio Transmitter

1. MESH antenna interface, SMA F
2. HDMI input interface
3. MESH antenna interface, SMA F
4. LAN/TTL interface (J30J-15TJ connector, PIN 1, 2, 3 and 4
   PIN 5, 6 and 7 for TTL GND, TX and RX)
5. Power input interface

Application

4W 82Mbps Long Range 40~Long Distance Uav Video Data Link Radio Transmitter 4W 82Mbps Long Range 40~Long Distance Uav Video Data Li

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd. was established in 2005, focusing on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. We leverage the technical expertise of renowned university network security institutes.

Adhering to the principles of "unity and dedication, technological innovation, and service innovation," we serve users both domestically and internationally. We uphold the tenet of "quality first, reputation first" to provide high-quality, efficient, and customized services to our clients worldwide. The company is committed to promoting an innovative spirit of "exploration and progress."

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FAQ

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