Drone Datalink IP Mesh Radio HDMI Video Transmitter Receiver For Drone UAV UGV

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2451UM
- Minimum Order Quantity: 1
- Price: USD 99~999
- Packaging Details: Carton
- Delivery Time: 10 working days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 1000 pieces per year

Product Specification

- Frequency: 1.4GHz
- Bandwidth: 5/10/20/40MHz
- Output Power: 4W
- Data Rate: 82Mbps
- Range: 40km
- Application: Drone UAV
- Highlight: **Drone Datalink IP Mesh Radio**,
                   UAV UGV IP Mesh Radio,
                   HDMI Video Transmitter Receiver For Drone

More Images

Product Description

Drone Datalink IP Mesh Radio HDMI Video Transmitter Receiver For Drone UAV UGV

Product Description

ZKManet2451UM is a 4W MESH video data link that can be used in various communication combinations for different usage 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 up to 10nodes(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**	10nodes(Customizable)	
	Data Rate	82Mbps	
	Encryption	AES	
	Range	40-50 km (LOS)	
Physical/ Environment	**Dimensions**	120*90*40mm	
	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	

Product Parameters

DATA   DC-12V   RUN

4W 40-49km Mesh Drone Uav Airborne Video Data Link 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 for LAN, PIN 5, 6 and 7for TTL GND, TX and RX)
5. Power input interface

Application

It is widely used in important departments such as security, civil air defense, civil defense, fire protection, emergency rescue departments and forest fire prevention, transportation, customs, railways, oil fields, mines, water conservancy, electric power, finance, live broadcast of TV stations, etc.

The MESH self-organizing network system is a mobile broadband multimedia communication system designed using the new "wireless mesh network" concept.

Company Profile

Zhongke Lianxun (Shenzhen) Co.,Ltd has multiple patents with independent intellectual property rights,Our main research and development products include COFDM wireless transceivers; 4G-LTE wireless transceivers, 4G/5G wireless receivers, UAV/UGV radio data link, as well as MESH/SOC communication series products based on intelligent communication.We have established a sound quality system and national standard system that comply with ISO9001 standards, and strictly produces products in accordance with national standards and internationally recognized standards such as CCC, CE, FCC, etc. It has obtained the Radio Transmission Equipment Model Approval Certificate issued by the Ministry of Industry and Information Technology of China and has passed the wireless product testing certification of the Ministry of Public Security.

4W 40-49km Mesh Drone Uav Airborne Video Data Link Transmitter4W 40-49km Mesh Drone Uav Airborne Video Data Link Transmitter4W 40-49km Mesh Drone Uav Airborne Video Data Link Tra

Certifications

4W 40-49km Mesh Drone Uav Airborne Video Data Link Transmitter

Our Advantages

4W 40-49km Mesh Drone Uav Airborne Video Data Link Transmitter4W 40-49km Mesh Drone Uav Airborne Video Data Link Transmitter

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