Uav Data Link 30km IP Mesh AES Encryption Customizable Uav Drone Long Range HD Video Transmitter

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2441UM
- Minimum Order Quantity: 1 piece
- Price: USD 2499 3999 per piece
- Packaging Details: carton
- Delivery Time: 3-7 work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per year

Product Specification

- Frequency: 800MHz,1.4GHz ,2.4GHz
- RF Bandwidth: 1.4MHz/3MHz/5MHz/10MHz/20MHz
- RF Channel: 1T2R
- Transmission Power: 33dBm
- Coverage Distance: 30km
- Working Method: Point To Point, Point To Others
- Max Throughput: 30Mbps(Max)
- Encryption: ZUC,SNOW3G,AES
- Dimension: 103.5*61.5*22mm
- Weight: 142g

More Images

Product Description

Product Description

ZKManet2441UM is a compact and portable unmanned airborne device with high definition and stable image quality developed by our company. Adopting the current leading OFDM modulation technology, it can capture and transmit high-quality images in real time in non-line-of-sight (non-visual), high-speed movement, and encrypt the images and data during the transmission process. It supports transmission rates of 30Mbps and 30KM air-to-ground transmission, which is very suitable for long term and high-data-flow wireless transmission applications, such as surveillance/UAV/USV/robotics.

Features
* Small and portable, the shell is made of aluminum alloy with good thermal conductivity and impact resistance;
* Long transmission distance, line-of-sight transmission distance not less than 30km;
* IP data transparent transmission;
* Supports unicast, multicast, broadcast three kinds of propagation methods, any node can use these three ways to communicate with each other;
* Supports webcam access

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Working method	Point to point, point to others
Max Throughput	30Mbps(Max)
Encryption	ZUC,SNOW3G,AES
Size	103.5*61.5*22mm
Weight	142g
Working temperature	-40ºC+65ºC
Power input	DC12V
Power consumption	<12W
Interface	RJ45*2,TTL*3

Detailed Photos

Dimension

Interface Diagram

Application
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Company Profile

We are a high-tech R&D enterprise. Our products mainly use Mesh and LTE as core technologies and auxiliary decision-making software to form underground building emergency communication systems, and police investigation communication systems, and police non combat training communication systems, urban emergency communication systems, emergency communication vehicle communication systems, etc., suitable for law enforcement forces and government departments such as public security, armed police, , forest fire prevention, civil air defense, and maritime. Especially the intelligent communication products of special robots have solved the long-distance communication and control problems of robots in complex environments.

Zhongke Lianxun (Shenzhen) Co.,Ltd has multiple patents with independent intellectual property rights, has 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.

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Our Patents

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Test Equipments

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Our Advantages

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