1.4GHz IP66 Dual Band Mesh Self-Organizing Network Image Transmission Station for Urban Emergency Operations
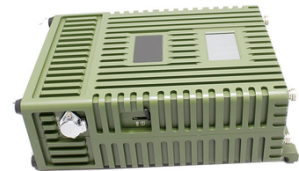
Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2371D
- Minimum Order Quantity: 1 piece
- Price: USD 6999~10999
- Packaging Details: carton
- Delivery Time: 3-7 work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per year

Product Specification

- Working Band: 580MHz & 1.4GHz Dual-Band
- Channel Bandwidth: 2/5/10/20/40MHz
- RF Channel: 4T4R
- Output Power: 40dBm (2x37dBm MIMO)
- WIFI: 2.4G MIMO (2x100mw)
- Modulation Type: DSSS/CCK BPSK/QPSK OFDM BPSK/QPSK/16-QAM/64-QAM
- Data Rate: Up To 85Mbps
- Network Capability: 9 Hops And No Less Than 64 Nodes
- Fiber Interface: FC*2
- Public Network: 4G/5G (SIM)

More Images

Product Description

1.4GHz IP66 Dual Band Mesh Self-Organizing Network Image Transmission Station for Urban Emergency Operations

Product Description

The ZKManet2371D is a dual-band MESH video data base station specifically engineered for urban emergency response. It allows simultaneous access for terminals operating on both 580MHz and 1.4GHz bands. Featuring a compact and portable design, it can be easily set up in any location with a simple one-button startup. The device includes a data display touch screen that provides real-time updates on device and connection status, with quick parameter configuration available through the screen. Additionally, it supports public network access via 4G/5G (SIM), GPS/DB positioning, voice intercom capabilities, and fiber optic transmission.

Features

* Supports 580MHz and 1.4GHz dual-band

* With touch screen for easy configuration

* Full transparent IP data transmission

* Data rate up to 82Mbps

* Supports 4G/5G public network (SIM)

* Supports WIFI and GPS/BD positioning

* Supports voice intercom

* AES encryption

* Rugged IP66 housing

* Highly integrated portable all-in-one design

Dimensions

Panel Description

580MHz/1.4GHz Dual-Band Wireless Mesh Video Data Transceiver Base Station 580MHz/1.4GHz Dual-Band Wireless Mesh Video Data Trans

1. GPS/BD Antenna Interface
2. WIFI Antenna Interface
3. Power Switch
4. 1.4GHz Antenna Interface
5. 5G Indicator
6. 5G Antenna Interface
7. 5G Antenna Interface
8. 580MHz Antenna Interface
9. Fiber Interface
10. Touchscreen Display
11. WIFI Antenna Interface
12. PTT Intercom Interface
13. 5G Antenna Interface
14. 1.4GHz Antenna Interface
15. 1.4GHz Indicator
16. 5G Antenna Interface
17. 580MHz Antenna Interface
18. 580MHz Indicator
19. LAN Interface
20. SIM Card Slot
21. DC Power Supply Interface

Product Parameters

Transmission Characteristics	
Working Band	580MHz & 1.4GHz Dual-Band
Channel Bandwidth	2/5/10/20/40MHz
RF Channel	4T4R
Output Power	40dBm (2x37dBm MIMO)
WIFI	2.4G MIMO (2x100mw)
Modulation Type	DSSS/CCK BPSK/QPSK OFDM BPSK/QPSK/16-QAM/64-QAM
Data Rate	Up to 82Mbps
Network Capability	9 hops and 128 nodes
Fiber Interface	FC*2
Public Network	4G/5G (SIM)
Positioning	GPS/BD
Encryption	AES
Electrical Characteristics	
Working Voltage	DC 24V
Power Consumption	<60W
Physical Characteristics	
Weight	8.35kg(W/ Battery)
Dimensions	370*240*120mm
IP Rating	IP66
Storage Temp.	-45ºC~85ºC
Working Temp.	-40ºC~70ºC
Working Humidity	5%RH-95%RH (Non-Condensing)

Company Profile

Zhongke Lianxun (Shenzhen) Co., Ltd was established in 2005. The company focuses on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. It leverages the technical expertise of renowned university network security institutes. The company specializes in providing data encryption and decryption solutions as well as drone defense solutions for industries such as wind power, national power, oil and gas, firefighting, public security, road and bridge construction, and emergency management agencies.

Our chief scientist team, led by professors from the Network Security Institute of Wuhan University, has achieved remarkable results in the development of man-in-the-middle platforms for network security. The company currently offers platforms such as a drone denial system platform, long-distance wireless video transmission platform for drones, network encrypted data analysis platform, IPSEC man-in-the-middle platform, and SSH man-in-the-middle analysis platform.

580MHz/1.4GHz Dual-Band Wireless Mesh Video Data Transceiver Base Station

Our Patents

580MHz/1.4GHz Dual-Band Wireless Mesh Video Data Transceiver Base Station

Test Equipments

580MHz/1.4GHz Dual-Band Wireless Mesh Video Data Transceiver Base Station

Our Advantages

580MHz/1.4GHz Dual-Band Wireless Mesh Video Data Transceiver Base Station