580MHz/1.4GHz 4T4R Rugged IP66 Manet Mesh Manpack Radio

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2371D
- Minimum Order Quantity: 1
- Price: USD 6999~9999
- Packaging Details: Brown Carton
- Delivery Time: 5~8 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year

Product Specification

- Frequency: 580MHz & 1.4GHz Dual-Band
- Bandwidth: 2/5/10/20/40MHz
- RF Channel: 4T4R
- Output Power: 40dBm (2x37dBm MIMO)
- WIFI: 2.4G
- Data Rate: 82Mbps
- Positioning: GPS/BD
- IP Rating: IP66
- Highlight: **580MHz rugged MANET radio**,
                   1.4GHz mesh manpack radio,
                   IP66 vehicle mounted data link

More Images

Product Description

580MHz/1.4GHz 4T4R Rugged IP66 Manet Mesh Manpack Radio

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

* Highly integrated portable all-in-one design

Dimensions

Dual Band IP Mesh Radio Video Data Base Station

Panel Description

Dual Band IP Mesh Radio Video Data Base Station   Dual Band IP Mesh Radio Video Data Base Station

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) Technology Co., Ltd is 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 noncombat 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.

We hold several patents with independent intellectual property rights and have developed a robust quality management system that adheres to ISO9001 standards, as well as national standards. Our production processes strictly follow these national guidelines and internationally recognized standards, including CCC, CE, and FCC. Additionally, we have received the Radio Transmission Equipment Model Approval Certificate from the Ministry of Industry and Information Technology of China and have successfully completed wireless product testing certification by the Ministry of Public Security.

Dual Band IP Mesh Radio Video Data Base Station Dual Band IP Mesh Radio Video Data Base Station Dual Band IP Mesh Radio Video Data

Our Patents

Dual Band IP Mesh Radio Video Data Base Station

Test Equipments

Dual Band IP Mesh Radio Video Data Base Station   Dual Band IP Mesh Radio Video Data Base Station

Our Advantages

Dual Band IP Mesh Radio Video Data Base Station   Dual Band IP Mesh Radio Video Data Base Station

ZKMANET Zhongke Lianxun (Shenzhen) Technology Co., Ltd

+8613316826915   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