

1W 2T2R Dual Band 5.8GHz/2.4GHz 90Mbps Data Rate Handheld IP Mesh Radio

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2131S
- Minimum Order Quantity: 1 piece
- Price: USD 3499 6299 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

- Default Frequencies: 5.8GHz/2.4GHz
- RF Channel: 2T2R
- Output Power: 1W
- WIFI: Support
- Battery Life: 6~8 Hours
- Data Rate: Up To 90Mbps
- IP Rating: IP66
- Encryption: AES




More Images






Product Description

1W 2T2R Dual Band 5.8GHz/2.4GHz 90Mbps Data Rate Handheld IP Mesh Radio

Product Description

The ZKManet2131S is a handheld IP MESH PTT radio operating on 5.8GHz and 2.4GHz frequencies. It supports multi-hop

Our Product

relay within a MESH network and can function as a Wi-Fi hotspot simultaneously, equipped with speakers for PTT intercom communication. Designed with explosion-proof features, it is compact, lightweight, easily portable, and boasts an extended battery life.

Features

- * With LCD to show device parameters in real time
- * With physical buttons for menu control
- * With speaker for PTT voice intercom
- * Support WIFI video terminal access
- * Data rate up to 90Mbps
- * Full duplex transparent IP data transmission
- * Rugged IP66
- * Long battery life up to 6~8 hours
- * Compact size and light weight

Detailed Photos

Panel Description

90Mbps Dual Band 5.8GHz/2.4GHz Handheld IP Mesh Radio

- 1- Configuration button
- 2- LCD display
- 3- MESH antenna interface, SMA F
- 4- Power button
- 5- Signal indicator
- 6- MESH antenna interface, SMA F
- 7- Speaker window
- 8- PTT button
- 9- Charging port
- 10- Battery indicator
- 11- Hang buckle

Product Parameters

Transmission Characteristics

Default Frequencies	5.8GHz/2.4GHz
Channel Bandwidth	5M/10M/20MHz/40MHz
RF Channel	2T2R
Output Power	30dBm (2x 0.37dBm)
WIFI	5.8GHz/2.4GHz
Modulation Type	BPSK/QPSK/16-QAM/64-QAM/DSSS/CCK
Data Rate	Up to 90Mbps
Network Capability	9 hops 64 nodes
Encryption	AES

Electrical Characteristics

Working Voltage	DC 12V
Battery Capacity	6~8 Hours
Power Consumption	<6W Average

Physical Characteristics

Weight	340g (w/ battery)
Dimensions	130x60x33.5mm
IP Rating	IP66
Storage Temp.	-45°C~85°C
Working Temp.	-40°C~65°C

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd is a high-tech research and development enterprise. Our products primarily leverage Mesh, COFDM and LTE technologies, along with supporting decision-making software, to create emergency communication systems for underground facilities, and police investigations, non-combat training, urban emergencies, and communication vehicles. These solutions are designed for law enforcement agencies and government departments, including public security, armed police, forest fire prevention, civil defense, and maritime operations. Notably, our intelligent communication products for specialized robots address the challenges of long-distance communication and control in complex environments.

We hold numerous 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 from the Ministry of Public Security.

Guided by the principles of "unity and commitment, technological advancement, and service innovation," we cater to users both at home and abroad. We prioritize the motto of "quality first, reputation foremost" in delivering high-quality, efficient, and tailored services to our global clientele. The company is dedicated to fostering an innovative culture centered on "exploration and progress."

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Our Patents

90Mbps Dual Band 5.8GHz/2.4GHz Handheld IP Mesh Radio

Test Equipments

90Mbps Dual Band 5.8GHz/2.4GHz Handheld IP Mesh Radio

90Mbps Dual Band 5.8GHz/2.4GHz Handheld IP Mesh Radio

Our Advantages

90Mbps Dual Band 5.8GHz/2.4GHz Handheld IP Mesh Radio

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