5.8GHz/2.4GHz Dual Band 1W Handheld IP MESH PTT Radio with 2T2R RF Channel

Our Product Introduction

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
- 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

More Images

Product Description

5.8GHz/2.4GHz Dual Band 1W Handheld IP MESH PTT Radio with 2T2R RF Channel

Product Description

The ZKManet2131S is a 5.8GHz/2.4GHz handheld IP MESH PTT radio, which supports MESH network multi-hop relay, and can be used as a Wi-Fi hotspot at the same time, with speakers to support PTT intercom. Based on explosion-proof design, it features small size, light weight, easy portability, and long service life of battery.

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

* High bandwidth up to 90Mbps

* Full IP duplex transparent data transmission

* High reliability IP66 explosion-proof design

* Long battery life up to 6~8 hours

* Small size and light weight

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.	-45ºC~85ºC
Working Temp.	-40ºC~65ºC

Detailed Photos

Panel Description

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

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd. was established in 2005. We focus on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. With excellent quality and advanced technology, we provide comprehensive network communication solutions to our customers.

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.

Multi-Hop 5.8g/ 2.4G Handheld Wireless Transmission Ptt MIMO IP Mesh Radio Video Transmitter

Our Patents

Multi-Hop 5.8g/ 2.4G Handheld Wireless Transmission Ptt MIMO IP Mesh Radio Video Transmitter

Test Equipments

Multi-Hop 5.8g/ 2.4G Handheld Wireless Transmission Ptt MIMO Multi-Hop 5.8g/ 2.4G Handheld Wireless Transmission Ptt MIMO

Our Advantages

Multi-Hop 5.8g/ 2.4G Handheld Wireless Transmission Ptt MIMO Multi-Hop 5.8g/ 2.4G Handheld Wireless Transmission Ptt MIMO