

## Compact Handheld IP Mesh Radio with Android System and Integrated Multi Function for Voice Video Data Transmission

Our Product Introduction

for more products please visit us on [zkmanet.com](http://zkmanet.com)

### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2111UM
- Minimum Order Quantity: 1
- Price: USD99~999
- 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: 1.4GHz (Customizable)
- Bandwidth: 20MHz (Typical)
- RFChannel: 1T1R
- Output Power: 23dBm (200mw)
- Network Capacity: 32 Nodes
- Data Rate: 30Mbps
- Encryption: AES
- OS: Android 8.1 System
- Core Technology: MESH
- Highlight: Handheld ip mesh radio,  
1T1R Integrated Multi Function Voice,  
Mini ip mesh radio



### More Images



### Product Description

**Compact Handheld IP Mesh Radio with Android System and Integrated Multi Function for Voice Video Data Transmission**

Product Description

Our Product

The ZKManet2111UM is a professional intelligent terminal that supports MESH, 4G, WIFI, Bluetooth and DMR intercom. It can do HD video transmission and voice communication simultaneously, and it takes into account the functions of remote monitoring (satellite positioning, audio and video capture and upload) and command information interaction. In addition, the terminal has daily essential functions such as calling and sending text messages, and supports the installation of third-party applications. It can be applied to Public Security, Armed Police, Fire Control, Civil Air Defense and to establish real-time and rapid communication and unified coordination and command.

#### Features

- \* MESH, 4G and DMR intercom integrated
- \* Supports WIFI, Bluetooth and GPS/BD
- \* AES encryption
- \* Rugged IP68
- \* Buckle design frees both hands
- \* Compact size and light weight
- \* Flexible networking and rapid deployment

#### Panel Description

- Rugged IP68 Supports Bluetooth WiFi 4G GPS/Bd Handheld Mesh Radio
- 1- MESH Antenna
  - 2- Front Camera
  - 3- Light Sensor
  - 4- Custom Key
  - 5- PTT Antenna
  - 6- Earphone
  - 7- 4.0 HD Screen
  - 8- Main Mic
  - 9- Louderspeaker
  - 10- Rear Camera
  - 11- Flash Light
  - 12- Vice Mic
  - 13- Battery
  - 14- 8.7V Dock Charge
  - 15- Battery Lock
- 16- Power Button  
17- PTT Button  
18- POC Button  
19- Fingerprint Recognition (Optional)  
20- Headset Interface (USB/OTG)  
21- Volume Up/Down Buttons  
22- Type-C Interface (USB2.0)

Rugged IP68 Supports Bluetooth WiFi 4G GPS/Bd Handheld M

#### Package Content

Item#	Description	Qty	Remark
1	Handheld 4G IP MESH Radio	1	ZKManet2111UM
2	MESH Antenna	1	SMA Female
3	PTT Antenna	1	SMA Female
4	Power Supply	1	8.7V/1.8A
5	Data Sheet	1	E-copy
6	User Manual	1	E-copy

#### Specifications

MESH	Frequency	1.4GHz (customizable)
	Bandwidth	20MHz (Typical)
	RF Channel	1T1R
	Output Power	23dBm (200mw)
	Capacity	32 nodes
	Data Rate	30Mbps (Max)
	Encryption	AES
System	OS	Android 8.1
	CPU	MTK Octa-core 2.0GHz
	Memory	64GB ROM+4GB RAM
	Screen	IPS 4 inches capacitive screen, 5-point touch, FHD 1136*640
	Camera Pixel	Sensor type: CMOS Front: 5 million pixels Rear: 13 million pixels
	Voice	Dual silicon Mic, 2W loudspeaker
Network	Data	USB 2.0, 20-pin, supports headset, USB camera, standard type C 2.0 interface
	4G Public	GSM, WCDMA, EVDO, TD-SCDMA, TDD/FDD-LTE
	Wi-Fi	802.11 b/g/n, 2.4G/5.8G
	Bluetooth	BT4.0
	GPS	GPS/BEIDOU/GLONASS
	NFC	13.56MHz Active and passive Peer-to-Peer-ISO/IEC 18092 -NFCIP-1 Initiator & Target Passive mode - Reader/Writer- NFC Forum Type 1/2/3/4/5 tags - ISO/IEC 15693 - MIFARE Classic(a)(b) - Thinfilm (ex Kovio) Barcode• Active mode - Card Emulation - ISO/IEC 14443 Type A & B - JIS X 6319 - 4 - MIFARE Classic(a)(b) through SWP-CLT
	DMR	DMR digital analog combo, supports all voice and data services defined by the standard, and various encryption methods, high power 4W, low power 2W, U section 400-470MHz / Police use 350-400MHz / V section 136-174MHz optional
Physical	Dimensions	148*64*30mm (w/o antenna)
	Weight	430g (w/ battery)
	Working Temp.	-20°C+65°C
	Protection Level	IP68
Electrical	Power Supply	7.6V Lithium Polymer Battery
	Battery Capacity	19Wh
	Power Consumption	<37dBm Average

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 Patents

Rugged IP68 Supports Bluetooth WiFi 4G GPS/Bd Handheld Mesh Radio

Test Equipments

Rugged IP68 Supports Bluetooth WiFi 4G GPS/Bd Handheld Mesh Radio

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Our Advantages

Rugged IP68 Supports Bluetooth WiFi 4G GPS/Bd Handheld Mesh Radio

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