Rugged IP68 IP Mesh Radio Transmitter for Wireless Transmission with PTT and AES256

Our Product Introduction

for more products please visit us on zkmanet.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2111UM
- 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

- Frequency: 1.4GHz (customizable)
- Bandwidth: 20MHz (Typical)
- RF Channel: 1T1R
- Output Power: 23dBm (200mw)
- Capacity: 32 Nodes
- Data Rate: 30Mbps (Max)
- Encryption: AES256
- OS: Android 8.1
- IP Rating: IP68

More Images

Product Description

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Product Description

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
* Ruged IP68
* Buckle design frees both hands
* Compact size and light weight
* Flexible networking and rapid deployment

Panel Description

4G/Dmr/WiFi Supported 1T1R AES Handheld 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)

4G/Dmr/WiFi Supported 1T1R AES Handheld Radio

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
	Data	USB 2.0, 20-pin, supports headset, USB camera, standard type C 2.0 interface
Network	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.	-20ºC+65ºC
	Protection Level	IP68
Electrical	Power Supply	7.6V Lithium Polymer Battery
	Battery Capacity	19Wh
	Power Consumption	<37dBm Average

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.

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Our Patents

4G/Dmr/WiFi Supported 1T1R AES Handheld Radio

Test Equipments

4G/Dmr/WiFi Supported 1T1R AES Handheld Radio　　　　4G/Dmr/WiFi Supported 1T1R AES Handheld Radio

Our Advantages

4G/Dmr/WiFi Supported 1T1R AES Handheld Radio　　　　4G/Dmr/WiFi Supported 1T1R AES Handheld Radio