Rugged IP66 20-30km Video Data Voice Transmission Handheld Manpack MESH Radio

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2251UM
- Minimum Order Quantity: 1
- Price: USD 1999~4999
- 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)
- Output Power: 4W
- RF Channel: 2T2R
- Range: 20-30km (Los)
- Network Size: 64 Nodes
- Data Rate: 82Mbps
- Encryption: AES
- IP Rating: IP66
- Highlight: **20-30km Radio, 20-30km Manpack Radio, Handheld Manpack Radio**

More Images

Product Description

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Product Description

The ZKManet2251UM can be used in various communication combinations for different scenarios. It comes with a data display

screen, which can show real-time device status and connection status. It can be worn by a single soldier, used as a relay with a tripod, installed at fixed points, or used on moving vehicles, ships, robots, drones, unmanned boats, etc., allowing for on-the-go usage with one-click without the need for configuration or parameter changes.

Features

* Supports HDMI input
* Supports voice intercom
* Supports WIFI connection
* Data rate up to 82Mbps
* Supports GPS/BD
* Full-duplex two-way data transmission
* Full IP transparent data transmission
* IP66
* Easy Operation

Specifications

Model	ZKManet2251UM	Brand	ZKMANET
RF Parameters	**Frequency**	1.4GHz (Customizable)	
	Bandwidth	20MHz (Typical)	
	RF Channel	2T2R	
	Output Power	2*2W	
	Range	20-30km (LOS)	
Network Parameters	**Network Size**	64 Nodes	
	Data Rate	82Mbps(Max)	
	Encryption	AES	
Physical/ Environment	**Dimensions**	246.5*82*42mm	
	Weight	1.2kg (w/ battery)	
	Working Temp	-20ºC~+65ºC	
	IP Rating	IP66	
Electronic Parameters	**Power Supply**	18.5V	
	Battery Capacity	48Wh	
	Power Consumption	<12W	

Dimensions

Panel Description

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1. Main body power input port
2. HDMI input (mini HDMI interface)
3. WIFI antenna interface
4. LAN input interface
5. Mic input interface
6. GPS/BD antenna interface
7. MESH antenna interface-1
8. Power push button
9. Signal Indicator
10. MESH antenna interface-2

1. 3.5mm audio interface
2. Configuration buttons (optional)
3. Battery locker - push to remove battery
4. Battery Indicator
5. Battery Charging Port

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Application

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. The products are widely used in law enforcement agencies and government departments such as public security, armed police, , forest fire prevention, civil air defense, and maritime affairs.

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.

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FAQ

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