

Rugged IP67 Narrowband Portable Base Station Mesh Radio with GPS/BD Positioning

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet4271
- Minimum Order Quantity: 1 piece
- Price: USD 4499 6499 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

- Working Band: Working Band UHF:400-480MHz VHF:136-174MHz
- Channel Quantity: 3773 Each For UHF And VHF
- Channel Step: 12.5KHz
- Working Voltage: Vehicle-borne: AC220V/DC 13.8V(± 15%)
Backpack: DC 10.8-12.6V
- Working Current: <7A
- Battery Capacity: 16.5Ah
- Frequency Stability: ±0.5ppm
- Antenna Impedance: 50Ohm
- IP Rating: IP67
- Positioning: GPS/BD
- Highlight: **Narrowband Portable Base Station ZKMANET, Portable Base Station Mesh Radio ZKMANET, portable base radio**




More Images






Product Description

Rugged IP67 Narrowband Portable Base Station Mesh Radio with GPS/BD Positioning

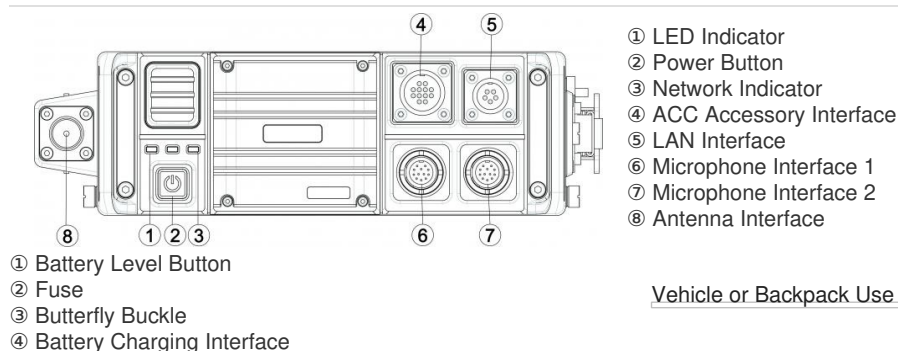
Product Description

The ZKManet4271 is specially designed for rapid deployment on the scene of public security, armed police, army, civil air defense, emergency response office, government public security and other departments. It adopts durable IP67 standard suits various harsh conditions such as outdoor erection and vehicle carrying. The whole device is made of cast aluminum body, which is good for heat dissipation and can adapt to almost 100% working environment. The portable design is suitable for vehicle or backpack use. It can be used with ZKManet4371D narrowband portable base station, and can also be used independently. The unique relay function design can achieve the purpose of hierarchical networking, hierarchical command, and extending communication distance.

Features

- Flexible digital mode and analog mode switching
- PDT/DMR multiple working modes
- Supports up to 8 hops & 32 nodes
- Easy channel configuration
- Supports dual-band co-frequency relay
- Supports 5 types of encryption
- Supports GPS/Beidou satellite positioning

Detailed Photos



Vehicle or Backpack Use Narrowband Portable Base Station Me

Product Parameters

Working Band	UHF:400-480MHz
	VHF:136-174MHz
Channel Quantity	3773 each for UHF and VHF
Channel Step	12.5KHz
Working Voltage	Vehicle-borne: AC220V/DC 13.8V(± 15%)
	Backpack: DC 10.8-12.6V
Working Current	<7A
Battery Capacity	16.5Ah
Frequency Stability	±0.5ppm
Antenna Impedance	50Ohm
Dimensions	277×76×342mm
Weight	≤6.3KG (w/ Battery)
Transmission Range	50-70km (w/ Tower)
Network Capacity	Up to 8 hops and 32 nodes
Output Power	Vehicle-borne: 237dBm
	Backpack: 137dBm
4FSK Modulation	12.5kHz data only: 7K60FXD
	12.5kHz data and voice: 7K60FXE
Adjacent Channel Power	≥60dB
Spurious Emission	-36dBm<1ghz-30dbm>1GHz
Digital Speech Coder	AMBE
Sensitivity	3%BER≤0.35μV
Intermodulation	≥70dB
Adjacent Channel Selectivity	≥60 dB
Spurious Suppression	≥70 dB
Block	≥90 db
Working Temp.	-30°C~+70°C
Storage Temp.	-40°C~+85°C
Moisture Proof	MIL-STD-810C/D/E/F
Shock and Vibration Proof	MIL-STD-810C/D/E/F
Dustproof & Waterproof	IP67

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.

Our chief scientist team, led by professors from the Network Security Institute of Wuhan University, has achieved remarkable results in the development of man-in-the-middle platforms for network security. The company currently offers platforms such as a drone denial system platform, long-distance wireless video transmission platform for drones, network encrypted data analysis platform, IPSEC man-in-the-middle platform, and SSH man-in-the-middle analysis platform.

Our Patents

Vehicle or Backpack Use Narrowband Portable Base Station Mesh Radio

Test Equipments

Vehicle or Backpack Use Narrowband Portable Base Station Mesh Radio or Backpack Use Narrowband Portable Base Station Mesh Radio

Our Advantages

Vehicle or Backpack Use Narrowband Portable Base Station Mesh Radio or Backpack Use Narrowband Portable Base Station Mesh Radio



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