



## 137dBm IP67 UHF/VHF PDT/Dmr Video Audio Data Transmitter and Receiver for Long Range Transmission

Our Product Introduction

### 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: 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




### More Images






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## Product Description

### 137dBm IP67 UHF/VHF PDT/Dmr Video Audio Data Transmitter and Receiver for Long Range Transmission

#### 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.

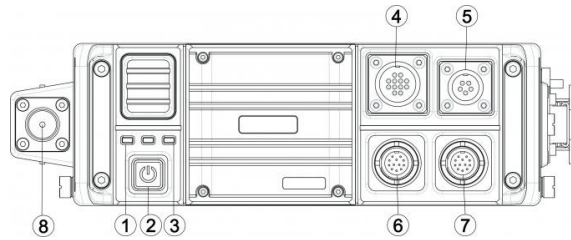
#### Features

- 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

#### 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

### Detailed Photos



- ① LED Indicator
- ② Power Button
- ③ Network Indicator
- ④ ACC Accessory Interface
- ⑤ LAN Interface
- ⑥ Microphone Interface 1
- ⑦ Microphone Interface 2
- ⑧ Antenna Interface

- ① Battery Level Button
- ② Fuse
- ③ Butterfly Buckle
- ④ Battery Charging Interface

Vehicle or Backpack Use Narrowband Portable Base Station Me

### 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., suitable for law enforcement forces and government departments such as public security, armed police, , forest fire prevention, civil air defense, and maritime. Especially the intelligent communication products of special robots have solved the long-distance communication and control problems of robots in complex environments.

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.

Vehicle or Backpack Use Narrowband Portable Base Station Mesh Radio

**Our Patents**

Vehicle or Backpack Use Narrowband Portable Base Station Mesh Radio

**Test Equipments**

Vehicle or Backpack Use Narrowband Portable Base Station Mesh Radio

**Our Advantages**

Vehicle or Backpack Use Narrowband Portable Base Station Mesh Radio

**ZIMANET Zhongke Lianxun (Shenzhen) Technology Co., Ltd**

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