

PDT / DMR Portable Radios 50-70km MIL-STD-810 VHF UHF Dual Band 137dBm Customizable

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet4371D
- 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: VHF:136-174MHz UHF:400-480MHz
UHF2:450-520MHz UHF3:350-400MHz
- Channel Quantity: 3773
- Area: Level 1 Area: 4 Level 2 Area: 1000 Level 3 Area: 1000
- Channel Step: 12.5KHz/25KHz
- Working Voltage: 10.8~12.6V
- Battery Capacity: 16.5Ah
- Battery Life (5/5/90): 21.4 Hours
- Frequency Stability: ± 0.5 ppm
- Antenna Impedance: 50Ohm
- Transmission Range: 50-70km (w/ Tower)
- Highlight: hdmi sender and receiver,
wireless video sender,
wireless video sender and receiver




More Images






Product Description

PDT / DMR Portable Radios 50-70km MIL-STD-810 VHF UHF Dual Band 137dBm Customizable

Product Description

The ZKManet4371D is a MESH narrowband portable base station specially designed to deal with emergencies and realize rapid deployment. The whole device is designed with all-cast aluminum structure according to the quality requirements of standard, which meets the requirements of IP67 dustproof and waterproof, and can adapt to various harsh working field environments and meet the needs of high-strength communication. The device supports the piggyback fast deployment method, supports the self-organized network co-frequency relay, and adaptively adjusts the transmit power according to different configurations.

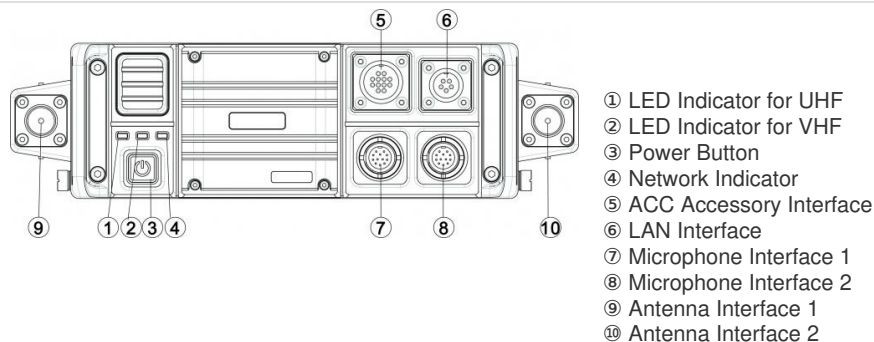
Features

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

Product Parameters

Working Band	VHF:136-174MHz UHF:400-480MHz UHF2:450-520MHz UHF3:350-400MHz
Channel Quantity	3773
Area	Level 1 area: 4 Level 2 area: 1000 Level 3 area: 1000
Channel Step	12.5KHz/25KHz
Working Voltage	10.8~12.6V
Battery Capacity	16.5Ah
Battery Life (5/5/90)	21.4 Hours
Frequency Stability	±0.5ppm
Antenna Impedance	50Ohm
Dimensions	302(L)*218(W)*76(H)mm
Weight	≤5KG (w/ Battery)
Transmission Range	50-70km (w/ Tower)
Network Capacity	Up to 8 hops and 32 nodes
Output Power	3-137dBm
4FSK Modulation	12.5kHz data only: 7K60FXD 12.5kHz data and voice: 7K60FXE
FM Modulation	12.5 kHz:8K50F3E 25 kHz:16K0F3E
Modulation Limit	±2.5kHz@12.5kHz ±5.0kHz@25kHz
Emission Spurs	-36dBm<1ghz -30dbm="">1GHz
Adjacent Channel Power	≤-60dB
Sensitivity	3%BER≤0.35μV
Intermodulation	60 dB
Adjacent Channel Selectivity	60 dB
Spurious Suppression	70 dB
Block	90 dB
Conducted Radiation	-57dBm
GPS Positioning Accuracy	Horizontal≤10m (Good signal conditions)
TTFF (First Fix) Cold Start	<1 minute (Good signal conditions)
TTFF (First Fix) Hot Start	<10 seconds (Good signal conditions)
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 Battery Level Button
- ② Fuse
- ③ Butterfly Buckle
- ④ Battery Charging Interface

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

Quality Mobile Narrowband Communication System Video Image Sender Transmitter

Test Equipments

Quality Mobile Narrowband Communication System Video Image Sender Transmitter

Our Advantages

Quality Mobile Narrowband Communication System Video Image Sender Transmitter

ZKMANET Zhongke Lianxun (Shenzhen) Technology Co., Ltd

+86 13266718951 Info@chinamanet.com zkmanet.com

203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants Street, Nanshan District, Shenzhen, China