

50~70km UHF/VHF Dual-Band Radio Manpack Base Station Transceiver For Emergencies

Our Product Introduction

for more products please visit us on zkmanet.com

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet4371D
- Minimum Order Quantity: 1
- Price: USD 2999 per piece
- Packaging Details: Brown Carton
- Delivery Time: 5~8 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year




Product Specification

- Battery Capacity: 16.5A
- Range: 50-70km
- IP Rating: IP67
- Battery Life: 21.4 Hours
- Specification: 277*218*76mm
- Working Temp.: -30°C~+70°C
- Working Mode: PDT/DMR
- Working Band: VHF/UHF




More Images






Product Description

50~70km UHF/VHF Dual-Band Radio Manpack Base Station Transceiver For Emergencies

Product Description

The ZKManet4371D is a MESH narrowband portable base station specially designed to deal with emergencies and realize

Our Product

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

- 1 Flexible digital mode and analog mode switching
- 2 PDT/DMR multiple working modes
- 3 Supports up to 8 hops & 32 nodes
- 4 Easy channel configuration
- 5 Supports dual-band co-frequency relay
- 6 Supports 5 types of encryption (XOR, Enhanced XOR, ARC4, AES256, Dynamic)
- 7 Supports GPS/BBD 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	16.5A
Battery Life (5/5/90)	21.4 Hours
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
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
IP Rating	IP67

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.

Long Range Narrow Band Portable Base Station TransceiverLong Range Narrow Band Portable Base Station TransceiverLong Range Narrow Band Portable E

Our Patents

Long Range Narrow Band Portable Base Station Transceiver

Test Equipments

Long Range Narrow Band Portable Base Station TransceiverLong Range Narrow Band Portable Base Station Transceiver

Our Advantages

Long Range Narrow Band Portable Base Station TransceiverLong Range Narrow Band Portable Base Station Transceiver

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