

82Mbps 2T2R 40dBm Manpack IP MESH Radio Transceiver for Stable Network at Long Distance

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: ZKManet2261UM
- 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: 1412MHz-1484MHz (537MHz-609MHz)
- Bandwidth: 5M/10M/20MHz/40MHz
- RF Channel: 2T2R
- Output Power: 40dBm (2x37dBm)
- WIFI: 2.4G/5.8G
- Data Rate: 82Mbps
- Network Capability: 9 Hops And No Less Than 64 Nodes
- Encryption: AES
- Highlight: 82Mbps IP MESH radio transceiver, 2T2R long distance radio transceiver, 40dBm manpack radio transceiver




More Images






Product Description

82Mbps 2T2R 40dBm Manpack IP MESH Radio Transceiver for Stable Network at Long Distance

Product Description

The ZKManet2261UM is a 40dBm mobile MESH network base station that offers a bandwidth of up to 82Mbps and features

Our Product

AES encryption for enhanced security. This device is versatile and can be deployed in multiple scenarios, including fixed installations, on moving vehicles, ships, or unmanned vessels. It enables straightforward one-click activation without requiring any configuration adjustments, ensuring reliable network connectivity even in challenging long-distance environments.

Features

- * High bandwidth up to 82Mbps
- * Supports 2.4G/5G dual-band WIFI
- * Full IP duplex transparent data transmission
- * Flexible networking and rapid deployment
- * Rugged IP66
- * Compact size and light weight
- * Convenient operation and maintenance
- * One-click use

Dimensions

High Data Rate Manpack IP Mesh Radio Base Station

Detailed Photos

- 1 MESH antenna interface-1
- 2 WIFI antenna interface
- 3 PTT interface (Mic)
- 4 GPS/BD antenna interface
- 5 MESH antenna interface-2
- 6 LAN interface
- 7 MESH LED indicator
- 8 Power push button
- 9 Battery Indicator (Reserved)
- 10 Power Input interface (DC 24V)

High Data Rate Manpack IP Mesh Radio Base Station

Product Parameters

Transmission Characteristics

Default Frequencies	1412MHz-1484MHz (537MHz-609MHz)
Channel Bandwidth	5M/10M/20MHz/40MHz
RF Channel	2T2R
Output Power	40dBm (2x37dBm)
WIFI	2.4G/5.8G WIFI (2x100mw)

Modulation Type	DSSS/CCK BPSK/QPSK OFDM BPSK/QPSK/16-QAM/64-QAM
-----------------	--

Data Rate	Up to 82Mbps
Network Capability	9 hops and no less than 64 nodes
Encryption	AES

Electrical Characteristics

Working Voltage	DC 24V
Power Consumption	<60W Average

Physical Characteristics

Weight	<5kg
Dimensions	320*200*76mm
IP Rating	IP66
Storage Temp.	-45°C~85°C
Working Temp.	-40°C~70°C
Working Humidity	5%RH-95%RH (Non-Condensing)

High Data Rate Manpack IP Mesh Radio Base Station

High Data Rate Manpack IP Mesh Radio Base Station

High Data Rate Manpack IP Mesh Radio Base Station

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.

High Data Rate Manpack IP Mesh Radio Base StationHigh Data Rate Manpack IP Mesh Radio Base StationHigh Data Rate Manpack IP Mesh R

Our Patents

High Data Rate Manpack IP Mesh Radio Base Station

Test Equipments

High Data Rate Manpack IP Mesh Radio Base StationHigh Data Rate Manpack IP Mesh Radio Base Station

Our Advantages

High Data Rate Manpack IP Mesh Radio Base StationHigh Data Rate Manpack IP Mesh Radio Base Station

ZKMANET Zhongke Lianxun (Shenzhen) Technology Co., Ltd

+8613316826915 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