



Manet MIMO Radio Multi-Hop 82Mbps 40dBm High-Power Mesh Network Base Station

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2261UM
- Minimum Order Quantity: 1 piece
- Price: USD 3999 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

- 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
- Highlight: **82Mbps Mesh Network Base Station, 40dBm Mesh Network Base Station, Manet MIMO Radio**




More Images






Product Description

Manet MIMO Radio Multi-Hop 82Mbps 40dBm High-Power Mesh Network Base Station

Product Description

The ZKManet2261UM is a 40dBm portable MESH network base station with a bandwidth of up to 82Mbps and supports AES encryption. It is suitable for various usage scenarios and can be installed at fixed points, on mobile vehicles, ships, or unmanned boats. It allows for easy one-click activation without the need for configuration changes, providing stable network connectivity even in long-distance and complex situations.

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 three-proof IP66 design
- * Compact size and light weight
- * Convenient operation and maintenance
- * One-click use

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
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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)

Detailed Photos

Dimensions



Panel Description

- 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)

IP66 Multi-Hop 82Mbps MIMO 40dBm High-Power Mesh Network Base Station

Topology Diagram

- Star Type

- Mesh Type

IP66 Multi-Hop 82Mbps MIMO 40dBm High-Power Mesh Network Base Station

- Random Type

IP66 Multi-Hop 82Mbps MIMO 40dBm High-Power Mesh Network Base Station

Company Profile

Founded in 2005, Zhongke Lianxun (Shenzhen) Co., Ltd has has 2 invention patents and is committed to wireless video transmission under complex environments. Zhongke Lianxun has established a sound quality system and national standard system that comply with ISO9001 standards, and strictly produces products in accordance with national standards and internationally recognized standards such as CCC, CE, FCC, etc. It has obtained the Radio Transmission Equipment Model Approval Certificate issued by the Ministry of Industry and Information Technology of China and has passed the wireless product testing certification of the Ministry of Public Security.

Guided by the principles of "unity and commitment, technological advancement, and service innovation," we cater to users both at home and abroad. We prioritize the motto of "quality first, reputation foremost" in delivering high-quality, efficient, and tailored services to our global clientele. The company is dedicated to fostering an innovative culture centered on "exploration and progress."

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Our Patents

IP66 Multi-Hop 82Mbps MIMO 40dBm High-Power Mesh Network Base Station

Test Equipments

IP66 Multi-Hop 82Mbps MIMO 40dBm High-Power Mesh Network Base Station IP66 Multi-Hop 82Mbps MIMO 40dBm High-Power Mesh Network Base Station

Our Advantages

IP66 Multi-Hop 82Mbps MIMO 40dBm High-Power Mesh Network Base Station IP66 Multi-Hop 82Mbps MIMO 40dBm High-Power Mesh Network Base Station

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