

4W 2T2R MIMO IP MESH Outdoor IP Mesh Radio Base Station with 82Mbps Data Rate and AES Encryption

Our Product Introduction

for more products please visit us on zkmanet.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2551UM
- Minimum Order Quantity: 1 piece
- Price: USD 3499 5999 per piece
- Packaging Details: carton
- Delivery Time: 3-7 work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per year

ZKMANET



Product Specification

- Modulation Type: BPSK/QPSK/16-QAM/64-QAM
- Frequency: 1400-1460MHz (562-612MHz)
- RF Channel: 2T2R
- RF Power Output: 4W
- RF Bandwidth: 5M/10M/20M/40MHz
- Network Capacity: Up To 64 Nodes
- Data Rate: 82Mbps@40MHz
- Encryption: AES (User-defined Password)
- Highlight: **82Mbps Dual Antenna Base Station,
20-40km IP Mesh Radio Base Station,
20-40km Radio Base Station Model**

ZKMANET



More Images

ZKMANET



ZKMANET



Product Description

4W 2T2R MIMO IP MESH Outdoor IP Mesh Radio Base Station with 82Mbps Data Rate and AES Encryption

Product Description

The ZKManet2551UM is a high-performance, high-stability, high-power outdoor IP MESH Radio. By matching with directional, omnidirectional, sector and other antenna types, it can realize different types of point-to-multipoint or point-to-point and MESH networks. It adopts advanced industrial-grade design such as anti-surge/static, anti-salt spray corrosion, etc., which can meet all-weather uninterrupted work in various complex electromagnetic environments and harsh climates.

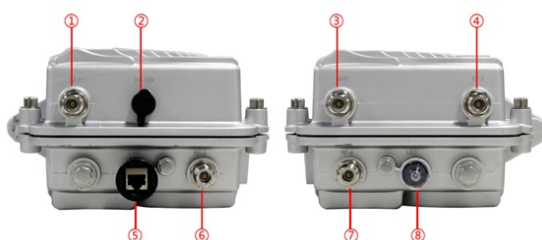
Features

- Range up to 5-20km LOS
- High bandwidth up to 82Mbps
- Supports AES encryption
- With dual antennas MIMO
- Supports up to 64 nodes MESH network
- Full IP duplex transparent data transmission
- Flexible networking and rapid deployment
- IP67 rugged industrial housing

Product Parameters

Transmission Characteristics	
Modulation Type	BPSK/QPSK/16-QAM/64-QAM
Frequency	1400-1460MHz
RF Channel	2T2R
RF Power Output	36dBm (4W)
RF Bandwidth	2/5/10/20/40MHz
Network Characteristics	
Network Capacity	Up to 64 nodes
Data Rate	82Mbps@40MHz
Encryption	AES (User-defined password)
Electrical Characteristics	
Working Voltage	DC 12V
Working Current	≤1A (@12V)
Power Consumption	≤12W
Physical Characteristics	
Weight	3.2kg
Dimensions	286*216*122mm
Working Temp.	-20°C +65°C
IP Code	IP67
Storage Temp.	-45°C ~ +85°C

Detailed Photos



MESH Antenna Interface
 Power Input Port – DC 12V
 WIFI Antenna Interface
 MESH Antenna Interface
 LAN Interface – RJ45
 Antenna Interface – Reserved
 Antenna Interface – Reserved
 Signal Indicator

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.

Adhering to the principles of "unity and dedication, technological innovation, and service innovation," we serve users both domestically and internationally. We uphold the tenet of "quality first, reputation first" to provide high-quality, efficient, and customized services to our clients worldwide. The company is committed to promoting an innovative spirit of "exploration and progress."

Dual Antennas MIMO 20-40km Los Outdoor 40dBm/43dBm IP Mesh Radio Base Station Model

Our Patents

Dual Antennas MIMO 20-40km Los Outdoor 40dBm/43dBm IP Mesh Radio Base Station Model

Test Equipments

Dual Antennas MIMO 20-40km Los Outdoor 40dBm/43dBm IP Mesh Radio Base Station Model

Our Advantages

Dual Antennas MIMO 20-40km Los Outdoor 40dBm/43dBm IP Mesh Radio Base Station Model

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