

5.8GHz/1.4GHz 90Mbps AES Video Data Transceiver Outdoor MESH Base Station

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2712
- Minimum Order Quantity: 1 piece
- Price: USD 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



Product Specification

- Frequency: 5.8GHz/1.4GHz
- Bandwidth: 20/40/80MHz, 20MHz(Typical)
- RF Channel: 4T4R
- Transmit Power: 4W/2W
- Nodes: 64
- Throughout Rate: 90Mbps
- Encryption: AES
- WIFI: 2.4G
- Highlight: 5.8GHz MESH base station, outdoor video data transceiver, ship mounted AES data link



More Images



Product Description

5.8GHz/1.4GHz 90Mbps AES Video Data Transceiver Outdoor MESH Base Station

Product Description

ZKManet2712 is a MESH base station that supports both 1.4G and 5.8G fusion communication. It comes with a WIFI hotspot

Our Product

and can achieve wireless coverage networking of different types such as point-to-multipoint, point-to-point, and MESH self-organizing network by using directional, omnidirectional, sector antennas. It adopts advanced industrial design concepts such as surge protection/static electricity protection, salt spray corrosion resistance, etc., and can meet the requirements of various complex electromagnetic environments and continuous operation in harsh weather conditions.

Features

- * Frequency 1.4GHz+5.8GHz
- * Data rate up to 90Mbps
- * Full duplex IP transparent transmission
- * Flexible networking and rapid deployment
- * Rugged IP67
- * High safety AES encryption
- * Convenient operation and maintenance

Product Parameters

Transmission Characteristics	
Modulation Type	BPSK/QPSK/16-QAM/64-QAM
Frequency	1.4GHz+5.8GHz
RF Channel	2T2R
RF Power Output	4W/2W
RF Bandwidth	20/40/80MHz (20MHz Typical)
Network Characteristics	
Network Capacity	64 nodes
Throughput	90Mbps
Encryption	AES (User-defined password)
Electrical Characteristics	
Working Voltage	DC12V
Working Current	≤1A (@12V)
Power Consumption	≤12W
Physical Characteristics	
Weight	3.2kg
Dimensions	286*216*122mm
Working Temp.	-40~+65°C
Storage Temp.	-45~+85°C
IP Rating	IP67

Panel Description

5.8g 2W 90Mbps High Data Rate Outdoor Ad Hoc Mesh Radio

1. MESH Antenna Interface
2. Power Input Port - DC 12V
3. WIFI Antenna Interface
4. MESH Antenna Interface
5. LAN Interface - RJ45
6. Antenna Interface - Reserved
7. Antenna Interface - Reserved
8. Signal Indicator

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd is a high-tech research and development enterprise. Our products primarily leverage Mesh, COFDM and LTE technologies, along with supporting decision-making software, to create emergency communication systems for underground facilities, and police investigations, non-combat training, urban emergencies, and communication vehicles. These solutions are designed for law enforcement agencies and government departments, including public security, armed police, forest fire prevention, civil defense, and maritime operations. Notably, our intelligent communication products for specialized robots address the challenges of long-distance communication and control in complex environments.

5.8g 2W 90Mbps High Data Rate Outdoor Ad Hoc Mesh Radio 5.8g 2W 90Mbps High Data Rate Outdoor Ad Hoc Mesh Radio 5.8g 2W 90Mbps High Data Rate Outdoor Ad Hoc Mesh Radio

Our Patents

5.8g 2W 90Mbps High Data Rate Outdoor Ad Hoc Mesh Radio

Test Equipments

5.8g 2W 90Mbps High Data Rate Outdoor Ad Hoc Mesh Radio

5.8g 2W 90Mbps High Data Rate Outdoor Ad Hoc Mesh Radio

Our Advantages

5.8g 2W 90Mbps High Data Rate Outdoor Ad Hoc Mesh Radio

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