

5.8GHz 10-20KM Customizable Mesh Long Range Distance Wireless Transmission System Handheld Transmitter

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKMaent2532UM
- 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
- Bandwidth: 20/40/80MHz, 20MHz(Typical)
- RF Channel: 2T2R
- Transmit Power: 2W
- Nodes: 64
- Throughout: 90Mbps
- Encryption: AES
- WIFI: 5.8G
- Coverage Distance: 10-20KM
- Dimensions: 286*216*122mm



More Images



Product Description

5.8GHz 10-20KM Customizable Mesh Long Range Distance Wireless Transmission System Handheld Transmitter

Product Description

Our Product

The ZKManet2532UM is a 5.8G MESH self-organizing outdoor base station designed for line-of-sight applications. It utilizes a combination of directional, omnidirectional, and sector antennas to achieve point-to-multipoint, point-to-point, and various MESH networking configurations for wireless coverage. Built with advanced industrial-grade design principles, it features an IP67 protection rating and includes surge and electrostatic protection, salt spray corrosion resistance, and EMC electromagnetic shielding. This ensures reliable operation in complex electromagnetic environments and harsh weather conditions, allowing for uninterrupted performance in all types of weather.

Features

- * Data rate up to 90Mbps
- * Frequency 5.180~5.825GHz
- * With WIFI hotspot
- * Full duplex IP transparent transmission
- * Flexible networking and rapid deployment
- * Rugged IP67
- * AES256
- * Convenient operation and maintenance

Product Parameters

Model	ZKManet2532UM	
RF Parameters	Frequency	5.8GHz
	Bandwidth	20/40/80MHz
	RF Channel	2T2R
	Transmit	2W
Net Parameters	Nodes	64
	Throughput	90Mbps
	Encryption	AES
	WIFI	5.8G
Physical Parameters	Coverage Distance	10-20km(LOS)
	Dimensions	286*216*122mm
	Weight	3.2kg
	Temperature	-40°C---+65°C
	Protection	IP67
Electrical Characteristics	Power Supply	12V
	Power Consumption	< 12W

Panel Description

5.8GHz Mesh Outdoor Base Station Transceiver

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) Co., Ltd was established in 2005. The company focuses on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. It leverages the technical expertise of renowned university network security institutes. The company specializes in providing data encryption and decryption solutions as well as drone defense solutions for industries such as wind power, national power, oil and gas, firefighting, public security, road and bridge construction, and emergency management agencies.

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Our Patents

5.8GHz Mesh Outdoor Base Station Transceiver

Test Equipments

5.8GHz Mesh Outdoor Base Station Transceiver 5.8GHz Mesh Outdoor Base Station Transceiver

Our Advantages

5.8GHz Mesh Outdoor Base Station Transceiver 5.8GHz Mesh Outdoor Base Station Transceiver

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