

Rugged IP67 43dBm Long Range 20-40km IP Mesh Outdoor Base Station Transceiver

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2571UM
- Minimum Order Quantity: 1
- Price: USD 1999 Per Piece
- 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: 1.4GHz (Customizable)
- Bandwidth: 5M/10M/20M/40MHz
- RF Channel: 2T2R
- Output Power: 43dBm
- Range: 20-40km
- Network Capacity: 64 Nodes
- Data Rate: 82Mbps
- IP Rating: IP67




More Images






Product Description

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Our Product

The ZKManet2571UM is a 43dBm MESH outdoor base station that, when paired with directional, omnidirectional, sector, and other types of antennas, can achieve wireless coverage networking for point-to-multipoint, point-to-point, and MESH self-organizing networks. It adopts advanced industrial design concepts such as surge/static protection, salt spray corrosion resistance, etc., to meet the demands of various complex electromagnetic environments and harsh weather conditions for continuous operation around the clock.

Features

- * High Power of 43dBm
- * Data rate up to 82Mbps
- * Full transparent IP data transmission
- * Rugged IP67
- * Range up to 20~40km

Specifications

Model	ZKManet2571UM	Brand	ZKMANET
RF Parameters	Frequency	1.4GHz (Customizable)	
	Bandwidth	5/10/20/40MHz	
	RF Channel	2T2R	
	Output Power	43dBm	
	Range	20-40km	
Network Parameters	Network Size	64 Nodes	
	Data Rate	82Mbps	
	Encryption	AES	
Physical/Environment	Dimensions	304*184*77mm	
	Weight	4.55kg	
	Working Temp	-20°C~+65°C	
	IP Rating	IP67	
Electronic Parameters	Power Supply	AC220V	
	Power Consumption	<80W	

Panel Description

43dBm Long Range IP Mesh Video Data Sender and Receiver

1. MESH Antenna Interface 1
2. GPS Antenna Interface
3. MESH Antenna Interface 2
4. MESH Signal Indicator

Indicator Status		Signal Strength	
Red flickers		No device connected	
Red still		Weak signal	
Orange still		Medium signal	
Green still		Strong signal	
SNR	Indicator Color	Topology Color	Topology Va
0	Red flicker	Red	0
<-90	Red still	Red	<-90
-75 to -90	Orange still	Orange	-75 to -90
>-75	Green still	Green	>-75

5. RJ45 LAN Port (Waterproof)
6. Power Input Port (3 PIN)

Application

43dBm Long Range IP Mesh Video Data Sender and Receiver

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 have multiple patents with independent intellectual property rights, 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.

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FAQ

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