

## Rugged 1U Rack Mount MESH Relay Radio with 4G/5G/Wi-Fi/PTT For Emergency Communciation

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKManet
- Certification: CE, ISO9001
- Model Number: ZKManet2361UM
- Minimum Order Quantity: 1
- Price: USD 1999~9999
- Packaging Details: Brown Carton
- Delivery Time: 4 working weeks
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year




### Product Specification

- Frequency: 1.4GHz (300MHz-3.8GHz Customizable)
- RF Channel: 2T2R
- Data Rate: 82Mbps
- Bandwidth: 5/10/20/40MHz
- Output Power: 2x37dBm
- Encryption: AES
- Dimensions: 1U
- Network: MESH
- Highlight: Rugged 1U Rack Mount Data Link, 4G 5G Wifi Transceiver, 82Mbps Wifi Transceiver




### More Images






### Product Description

#### Rugged 1U Rack Mount MESH Relay Radio with 4G/5G/Wi-Fi/PTT For Emergency Communciation

##### Product Description

The ZKManet2361UM is a versatile rack-mounted Mesh solution that supports a range of communication combinations

Our Product

tailored for diverse applications. It can be set up at stationary locations or deployed on mobile platforms such as vehicles and ships, enabling quick and easy operation with a one-click startup, eliminating the need for configuration or parameter adjustments. Its primary function is to facilitate multimedia connectivity between vehicles and between vessels.

## Features

- \* Data rate up to 82Mbps
- \* Range up to 20~40km
- \* Supports two-way intercom
- \* Supports MESH/4G/5G transmission
- \* Supports 2.4GHz WIFI
- \* Supports transparent IP data transmission

## Specifications

Model	ZKManet2361UM	Brand	ZKMANET
RF Parameters	Frequency	1.4GHz (300MHz-3.8GHz customizable)	
	Bandwidth	5/10/20/40MHz	
	RF Channel	2T2R	
	Output Power	2*37dBm	
Network Parameters	Network Size	64 nodes	
	Data Rate	82Mbps	
	Encryption	AES	
	Public Network	4G/5G	
	WIFI	2.4GHz	
Physical/ Environment	Range	20-40km (LOS)	
	Dimensions	483*250.5*45mm (1U)	
	Weight	4.3kg	
	Working Temp	-40°C~+65°C	
Electronic Parameters	Power Supply	DC24V	
	Power Consumption	<60W	
Other	Positioning	Support	
	Intercom	Support	
	LAN port	Support	

## Dimensions



## Panel Description

Rugged 1u Rack Mount Mesh Relay 4G/5g GPS/Bd Ppt WiFi Transmitter		1. Power push button
		2. MESH signal indicator
		3. Micro SIM card slot
		4. Mic input - LEMO 7-pin
		5. LAN input
1. MESH antenna interface 1 - N F		
2. MESH antenna interface 2 - N F		
3. GPS antenna interface		
4. 4G antenna interface		
5 HDMI input interface		
6 WIFI antenna interface		
7 LAN input		
8 DC input - 12V		
9 AC input - 220V		
Rugged 1u Rack Mount Mesh Relay 4G/5g GPS/Bd Ppt WiFi 1		

## Application

Rugged 1u Rack Mount Mesh Relay 4G/5g GPS/Bd Ppt WiFi Transmitter

## 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 hold several patents with independent intellectual property rights and have developed a robust quality management system that adheres to ISO9001 standards, as well as national standards. Our production processes strictly follow these national guidelines and internationally recognized standards, including CCC, CE, and FCC. Additionally, we have received the Radio Transmission Equipment Model Approval Certificate from the Ministry of Industry and Information Technology of China and have successfully completed wireless product testing certification by the Ministry of Public Security.

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#### FAQ

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