1U Rack Ship Mounted 40dBm MESH Video Data Link Transmitter with 82Mbps GPS/BD Range 20km

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMNET
- Certification: CE,ISO9001
- Model Number: ZKManet2361UM
- Minimum Order Quantity: 1
- Price: USD 1999~2999
- Packaging Details: Brown Carton
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, Western Union
- Supply Ability: 10000 pieces per year

Product Specification

- Frequency: 1.4GHz(300MHz-3.8GHz Customizable)
- Bandwidth: 5/10/20/40MHz, 40MHz Typical
- RF Channel: 2T2R
- Output Power: 40dBm(2x37dBm)
- Throughput: Up To 82Mbps
- Dimensions: 483*250.5*45mm
- Encryption: AES256
- Range: 10-20km(LOS)

More Images

Product Description

1U Rack Ship Mounted 40dBm MESH Video Data Link Transmitter with 82Mbps GPS/BD Range 20km

Product Description

The ZKManet2361UM is a 40dBm 1U rack-mounted MESH network radio. It has a maximum transmission distance of up to 40 km and a bandwidth of up to 82 Mbps, utilizing AES encryption to protect the security of data and video. Designed for various usage scenarios, it supports multiple communication combinations, including Wi-Fi, 4G/5G, and PTT voice intercom. It can be installed at fixed locations or used on mobile vehicles and vessels, primarily aimed at enabling multimedia connectivity between vehicles and between ships.

Features

* Support WiFi, GPS/BD positioning, PTT Voice intercom;
* Support 4G/5G transmission;
* Rugged IP66 housing;
* Data rate up to 82Mbps;
* Range up to 10-20km(LOS)

Specifications

Model		ZKManet2361UM
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
	Range	20-40km (LOS)
Physical/ Environment	Dimensions	483*250.5*45mm
	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

43dBm Rugged IP66 Range 20km Mesh Relay 4G/5g Voice Data Transceiver

Panel description

43dBm Rugged IP66 Range 20km Mesh Relay 4G/5g Voice Data Transceiver

1. Power push button
2. 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

43dBm Rugged IP66 Range 20km Mesh Relay 4G/5g Voice Data

43dBm Rugged IP66 Range 20km Mesh Relay 4G/5g Voice Data Transceiver

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd is a high-tech R&D enterprise. Our products mainly use Mesh, COFDM 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. Our solutions are 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. We have 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.

43dBm Rugged IP66 Range 20km Mesh Relay 4G/5g Voice Data Transceiver

FAQ

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