

40dBm MESH Vehicle-Mounted Video Data Transmitter And Receiver for 20-40km LOS Transmission with AES256 Encryption

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: AES256
- Network: MESH/4G/5G/Wi-Fi/PTT
- Range: 20~40km
- Highlight: **hdmi receiver and transmitter, hdmi transmitter receiver, long range wireless camera transmitter and receiver**




More Images








Product Description

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Product Description

Our Product

The ZKManet2361UM is a highly flexible Mesh rack-mounted product that can be used in various communication combinations for different scenarios. It can be installed at fixed points or used on moving vehicles, ships, etc., allowing for on-the-go usage with one-click startup without the need for configuration or parameter changes. It is mainly used to achieve multimedia interconnection between vehicles and between ships.

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

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

1. Power push button
 2. MESH signal indicator
 3. Micro SIM card slot
 4. Mic input - LEMO 7-pin
 5. LAN input

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

Application

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

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.

Our chief scientist team, led by professors from the Network Security Institute of Wuhan University, has achieved remarkable results in the development of man-in-the-middle platforms for network security. The company currently offers platforms such as a drone denial system platform, long-distance wireless video transmission platform for drones, network encrypted data analysis platform, IPSEC man-in-the-middle platform, and SSH man-in-the-middle analysis platform.

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

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FAQ

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