

## ZKMANET2252UM 4G-LTE WIFI HDMI Video Transmission 1400MHz 4W Manpack Mesh Radio

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKMANET2252UM
- Minimum Order Quantity: 1 piece
- Price: USD999/pc
- Packaging Details: carton
- Delivery Time: 137dBmork days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000pcs/ year




### Product Specification

- Default Frequencies: 1.4GHz
- Output Power: 4W
- WIFI: 2.4GHz
- Data Rate: Up To 82Mbps
- Network Capacity: 64 Nodes
- Range: 2-5km
- Network: 4G/5G
- IP Rating: IP66
- RF Channel: 2T2R
- Encryption: AES
- Application: Video Transmission
- Highlight: **4W Manpack Mesh Radio, AES Encryption Manpack Mesh Radio, 1400MHz Manpack Mesh Radio**




### More Images










### Product Description

#### ZKMANET2252UM 4G-LTE WIFI HDMI Video Transmission 1400MHz 4W Manpack Mesh Radio

##### Product Description

ZCXH2252UM is a professionally designed Mesh self-organizing network product that can use a variety of communication combinations to evaluate different usage scenarios. The device has a data display screen that can display the device status

Our Product

and device connection status in real time; it can be used on a single soldier's back, or it can be used as a stack using a tripod, or it can be installed at a fixed point, and can also be used on moving vehicles, ships, robots, and unmanned aerial vehicles. It can be used on aircrafts, unmanned ships, etc., anytime and anywhere, with one-click startup without the need to configure or change parameters.

#### Features

- \* Supports 4G-LTE network
- \* Supports LAN and HDMI inputs
- \* Supports 2.4G MIMO WiFi and GPS/BD
- \* Supports voice intercom
- \* Data rate up to 82Mbps
- \* With LCD to show device parameters in real time
- \* Optional buttons for parameters configuration
- \* Full duplex transparent IP data transmission
- \* Flexible networking and rapid deployment
- \* Rugged IP66
- \* Convenient operation and maintenance

#### Dimensions

#### 4G-LTE Ptt Manpack IP/HDMI Mesh Radio

#### Panel Description

##### Front View

#### 4W AES256 4G GPS/Bd Ptt WiFi Integrated Mesh Radio

- 1- Battery butterfly clasp
- 2- Power input port for main body
- 3- Configuration buttons for frequency, bandwidth and distance
- 4- Digital LCD indicator
- 5- HDMI input interface
- 6- Power push button
- 7- LAN interface (RJ45)
- 8- MESH antenna interface-2
- 9- WIFI antenna interface
- 10- MESH signal LED indicator
- 11- 4G antenna interface
- 12- PTT Mic interface
- 13- GPS/BD antenna interface
- 14- MESH antenna interface-1

##### Rear View

- 1- Battery indicator
- 2- Mounting hole

#### 4W AES256 4G GPS/Bd Ptt WiFi Integrated Mesh Radio

##### Inner View

#### 4W AES256 4G GPS/Bd Ptt WiFi Integrated Mesh Radio

- 1- Battery +/- contact pins
- 2- SIM card slot

#### Topology Diagram

- \* Star Type
- 4G-LTE Ptt Manpack IP/HDMI Mesh Radio

- \* Mesh Type

\* Random Type  
4G-LTE Ptt Manpack IP/HDMI Mesh Radio

Application Scenario

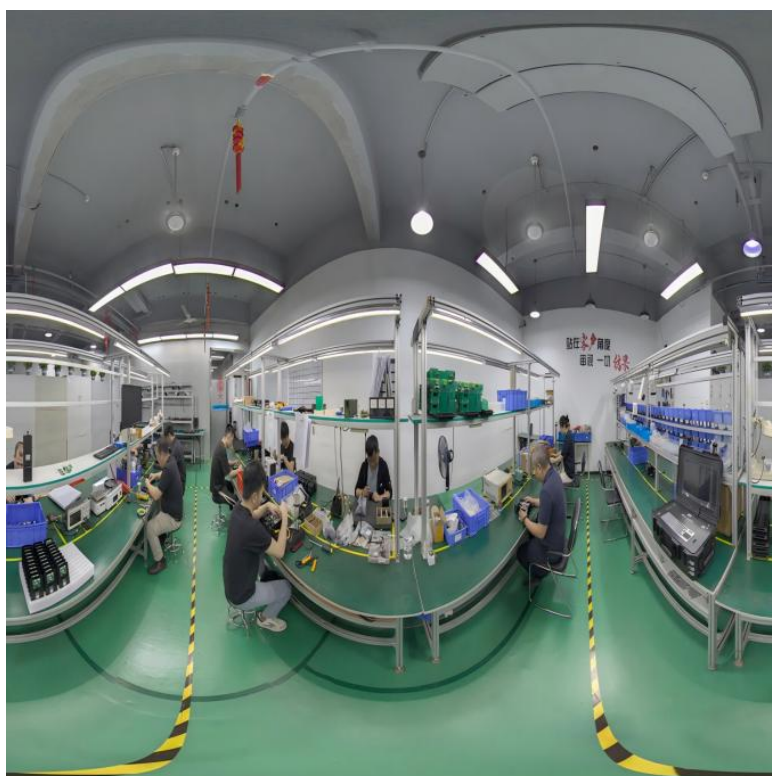


Product Parameters

Transmission Characteristics	
Default Frequencies	1400-1460MHz (562-612MHz)
Channel Bandwidth	5M/10M/20MHz/40MHz
RF Channel	2T2R
Output Power	36dBm (2x2W)
WIFI	2.4G WIFI (2x100mw MIMO)
Modulation Type	DSSS/CCK BPSK/QPSK OFDM BPSK/QPSK/16-QAM/64-QAM
Data Rate	Up to 82Mbps
Network Capability	9 hops and no less than 64 nodes
Encryption	AES
Electrical Characteristics	
Working Voltage	DC 12V
Battery Capacity	1137dBmh
Power Consumption	<16W Average
Physical Characteristics	
Weight	2.5kg (w/ battery)
Dimensions	240*150*60mm
IP Rating	IP66
Storage Temp.	-45°C~85°C
Working Temp.	-40°C~65°C
Working Humidity	5%RH-95%RH (Non-Condensing)

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd. was founded in 2005 and specializes in the research and development of products related to drone defense and control, wireless video transmission, and network security encryption and decryption. With a commitment to high quality and cutting-edge technology, we deliver comprehensive network communication solutions to our clients. Our team of chief scientists, led by professors from the Network Security Institute at Wuhan University, has made significant advancements in developing man-in-the-middle platforms for enhancing network security.



#### Our Patents

4G-LTE Ptt Manpack IP/HDMI Mesh Radio

#### Test Equipments

4G-LTE Ptt Manpack IP/HDMI Mesh Radio

4G-LTE Ptt Manpack IP/HDMI Mesh Radio

#### Our Advantages

4G-LTE Ptt Manpack IP/HDMI Mesh Radio

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