

## 40dBm 2 - 5km 5G/LTE/Mesh Network Mode Manpack Radio with WiFi and AES Encryption

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet7761
- Minimum Order Quantity: 1
- Packaging Details: Brown Carton
- Delivery Time: 5~8 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year




### Product Specification

- Mode: Mesh/3GPP R9 Protocol
- Bandwidth: 2/5/10/20/40MHz
- RF Channel: 4T4R
- Output Power: 40dBm
- Public Network: 5G/ 4G/3G
- Positioning: BD
- WI-FI: 2.4G/5.8G
- Encryption: AES128
- Highlight: 5G/LTE/Mesh Radio, 2 - 5km Manpack Radio, Manpack Radio with WiFi




### More Images






### Product Description

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##### Product Description

ZKManet7761 is a high-performance all-in-one device developed specifically for emergency communication. It integrates mesh

Our Product

network, LTE private network, 4G/5G public network, Wi-Fi, wired network, and other communication methods into one system, enabling interconnection and interoperability. It also features BD positioning and comes with a lithium battery for power supply. Based on the unique functions and characteristics of each communication method, it can connect to different business terminals to meet various functional requirements.

#### Features

- \*Supports 5G/LTE/MESH network mode
- \* Rugged IP66 design
- \* Supports 2.4G/5.8G WIFI access
- \* AES encryption
- \* Transmission Range no less than 5km
- \* MESH data rate up to 120Mbps

#### Specifications

<b>Mode</b>	ZKManet7761	
<b>RF Parameters</b>	<b>Mode</b>	Support Mesh/3GPP R9 protocol
	<b>Frequency</b>	MESH: 580MHz(Customizable) LTE:1.4GHz(Customizable)
	<b>Bandwidth</b>	2/5/10/20/40MHz
	<b>RF Channel</b>	4T4R
	<b>Output Power</b>	40dBm
<b>Network Parameters</b>	<b>Network Capacity</b>	No less than 64 nodes and 9hops
	<b>Data Rate</b>	Downlink Rate>20Mbps; Uplink Rate>10Mbps
		MESH Data Rate up to 120Mbps
	<b>Public Network</b>	5G/ 4G/3G
	<b>Positioning</b>	BD
	<b>WI-FI</b>	2.4/5.8GHz
	<b>Encryption</b>	AES128
<b>Interface</b>	<b>Transmission Range</b>	Mesh>5KM, LTE≥2KM
	<b>MESH Antenna</b>	TNC*2
	<b>LTE Antenna</b>	N*2
	<b>4G Antenna</b>	SMA
	<b>WIFI Antenna</b>	SMA
	<b>BD Antenna</b>	SMA
	<b>Intercom</b>	7-core Lemo Head
	<b>Ethernet</b>	RJ45
	<b>4G Card</b>	MINI SIM Card Slot
	<b>UART</b>	4-core Aviation Head
	<b>Power Button</b>	*1
<b>Physical/Environment</b>	<b>Power Supply</b>	DC*1
	<b>Dimensions</b>	330*320*100mm
	<b>Weight</b>	8kg(w/ battery)
	<b>Working Temp</b>	-40°C~+65°C
	<b>IP Rating</b>	IP67
<b>Electrical Parameters</b>	<b>Power Supply</b>	12V
	<b>Battery Capacity</b>	3037dBmh
	<b>Power Consumption</b>	<High Power

#### 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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#### Our Patents

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#### Test Equipments

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#### Our Advantages

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