

## 40dBm 5G/4G/LTE/Mesh Network Mode Manpack Radio With Rugged IP66 Housing 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: 40dBm Manpack Radio, Rugged Manpack Radio, AES Encryption Radio




### More Images






### Product Description

**40dBm 5G/4G/LTE/Mesh Network Mode Manpack Radio with Rugged IP66 Housing and AES Encryption**

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, 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. The products are widely used in law enforcement agencies and government departments such as public security, armed police, , forest fire prevention, civil air defense, and maritime affairs.

Guided by the principles of "unity and commitment, technological advancement, and service innovation," we cater to users both at home and abroad. We prioritize the motto of "quality first, reputation foremost" in delivering high-quality, efficient, and tailored services to our global clientele. The company is dedicated to fostering an innovative culture centered on "exploration and progress."

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## Our Patents

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## Test Equipments

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## Our Advantages

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