# 40dBm AES Encryption Rugged IP66 5g/LTE/Mesh Network Mode Manpack Radio

**Our Product Introduction**

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## Basic Information

- Place of Origin:             Shenzhen, China
- Brand Name:                 ZKMANET
- Certification:                CE, ISO9001
- Model Number:             ZKManet 7761
- 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

## More Images

## Product Description

### Product Description

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

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

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

## Company Profile

Zhongke Lianxun (Shenzhen) Co.,Ltd has multiple patents with independent intellectual property rights, has 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.

Currently, our offerings include platforms such as a drone denial system, long-range wireless video transmission for drones, a network encrypted data analysis platform, an IPSEC man-in-the-middle platform, and an SSH man-in-the-middle analysis platform. We also provide design and development services for big data collection and analysis products tailored for large enterprises and institutions with confidentiality requirements. In addition, we sell network security equipment and offer technical services in information security. Our products are extensively utilized by law enforcement agencies and government bodies, including public security, armed police forces, units, forest fire prevention teams, civil air defense organizations, and maritime authorities.

We are 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 non combat 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.

Rugged IP66 5g/LTE/Mesh Network Mode Manpack Radio Rugged IP66 5g/LTE/Mesh Network Mode Manpack Radio Rugged IP66 5g/LTE/Mesh Network

**Our Patents**

Rugged IP66 5g/LTE/Mesh Network Mode Manpack  Radio

**Test Equipments**

Rugged IP66 5g/LTE/Mesh Network Mode Manpack Radio          Rugged IP66 5g/LTE/Mesh Network Mode Manpack Radio

Our Advantages

Rugged IP66 5g/LTE/Mesh Network Mode Manpack Radio          Rugged IP66 5g/LTE/Mesh Network Mode Manpack Radio

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