

# 40dBm 4T4R Rugged IP66 Manpack Radio 5G/LTE/Mesh Network Mode

### **Basic Information**

• Place of Origin: Shenzhen, China • Brand Name: ZKMANET CE, ISO9001 Certification: • 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**

Mesh/3GPP R9 Protocol Mode: Bandwidth: 2/5/10/20/40MHz

• RF Channel: 4T4R • Output Power: 40dBm 5G/4G/3G • Public Network: Positioning: WI-FI: 2.4G/5.8G

AES128 • Encryption:

• Highlight: 5G/LTE/Mesh Network Radio,

4T4R Manpack Radio, IP66 Manpack Radio





### More Images





## **Product Description**

40dBm 4T4R Rugged IP66 5G/LTE/Mesh Network Mode Manpack Radio

Product Description

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)<br>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<br>Rate>10Mbps            |
|                          |                      | MESH Data Rate up to 120Mbps                           |
|                          | Public Network       | 5G/ 4G/3G  |
|                          | Positioning          | BD   |
|                          | WI-FI                | 2.4/5.8GHz   |
|                          | Encryption           | AES128   |
|                          | Transmission         | Mesh>5KM,  |
|                          | Range                | 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/Environme<br>nt | Dimensions           | 330*320*100mm  |
|                          | Weight               | 8kg(w/ battery)  |
|                          | Working Temp         | -40ºC~+65ºC  |
|                          | IP Rating            | IP67   |
| Electrical<br>Parameters | Power Supply         | 12V  |
|                          | Battery Capacity     | 3037dBmh   |
|                          | Power<br>Consumption | <high power<="" th=""></high>                          |

## Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd. was established in 2005, focusing on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. We leverage the technical expertise of renowned university network security institutes.

Adhering to the principles of "unity and dedication, technological innovation, and service innovation," we serve users both domestically and internationally. We uphold the tenet of "quality first, reputation first" to provide high-quality, efficient, and customized services to our clients worldwide. The company is committed to promoting an innovative spirit of "exploration and

progress." Rugged IP66 5g/LTE/Mesh Network Mode ManpacRuggetibIP66 5g/LTE/Mesh Network Mode ManpacRuggetibIP66 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

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