

## 43dBm Highly Integrated 4G/5G mobile Private Network Base Station for 10~20km Emergency Communication

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet7561
- Minimum Order Quantity: 1
- Price: USD 1999~4999
- Packaging Details: Brown Carton
- Delivery Time: 4 working weeks
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year




### Product Specification

- Working Mode: TDD LTE
- Modulation: QPSK/16QAM/64QAM
- Frequency: 1447-1467MHz 400M/600M/ 1.4G/1.8G Customizable
- Bandwidth: 5/10/20MHz
- RF Channel: 2T2R
- Output Power: 43dBm
- Sensitivity:  $\leq -101.5\text{dBm}$
- Range: 10~20km
- Highlight: Private Network Base Station, mobile network base station, 5g network base station




### More Images






### Product Description

#### 43dBm Highly Integrated 4G/5G mobile Private Network Base Station for 10~20km Emergency Communication

##### Product Description

The ZKManet7561 is a highly integrated private network base station, mainly composed of baseband processing unit (BBU),

Our Product

remote radio remote unit (RRU) and EPC. It is a miniaturized LTE private network base station specially developed according to the needs of the private network communication market, supports dual-channel antenna configuration, works in the 1.4GHz band (400M/600M/1.4G/1.8G can be customized), supports 5MHz, 10MHz, 20MHz bandwidth. It is especially suitable for providing wireless coverage solutions for various industries in the private network communication market, such as smart cities, intelligent transportation, subways, tunnels, mines, petroleum, ports, armed police, civil air defense, emergency and other environments.

#### Features

- \* Highly integrated EPC, BBU and RRU
- \* Based on TD-SCDMA technology
- \* MIMO dual-stream beamforming technology
- \* High safety USIM quintuple authentication and encryption
- \* Supports GPS/BD
- \* Rugged IP67

#### Specifications

##### RF Characteristics

|              |   |
|--------------|---|
| System Mode  | TDD LTE   |
| Frequency    | 1447-1467MHz (400M/600M/1.4G/1.8G Customizable) |
| RF Channel   | 2T2R  |
| Output Power | 2*40dBm   |
| 3GPP         | Release 9                                       |
| Sensitivity  | ≤-101.5dBm                                      |

##### Network Characteristics

|                    |                               |
|--------------------|-------------------------------|
| Authentication     | USIM Quintuple Authentication |
| Up/Downlink rate   | 40/80Mbps                     |
| Time Slot Ratio    | cfg0,1,2,3 ... 10             |
| Maximum Concurrent | 128                           |
| Encryption         | AES                           |

##### Electrical Characteristics

|                   |              |
|-------------------|--------------|
| Working Voltage   | AC 100-240V  |
| Power Consumption | ≤1High Power |

##### Physical Characteristics

|               |               |
|---------------|---------------|
| Weight        | 15kg          |
| Dimensions    | 370*295*150mm |
| IP Rating     | IP66          |
| Storage Temp. | -45°C~85°C    |
| Working Temp. | -40°C~75°C    |

#### Dimensions



#### Panel Description

|  |   |
|--|---|
| Rugged IP67 43dBm 2T2R AES Encryption LTE Outdoor Base Station Transceiver | 1 LAN Port<br>2 Power Indicator<br>3 GPS Indicator<br>4 Running Indicator<br>5 LAN 1 Indicator<br>6 LAN 2 Indicator<br>7 Power Input Port<br>8 Antenna Interface-Type N<br>9 Antenna Interface-Type N |
|--|---|

#### Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd. was established in 2005. We focus on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. With excellent quality and advanced technology, we provide comprehensive network communication solutions to our customers.

Our chief scientist team, led by professors from the Network Security Institute of Wuhan University, has achieved remarkable results in the development of man-in-the-middle platforms for network security. The company currently offers platforms such as a drone denial system platform, long-distance wireless video transmission platform for drones, network encrypted data analysis platform, IPSEC man-in-the-middle platform and SSH man-in-the-middle analysis platform.

#### Our Patents

Rugged IP67 43dBm 2T2R AES Encryption LTE Outdoor Base Station Transceiver

#### Test Equipments

Rugged IP67 43dBm 2T2R AES Encryption LTE Outdoor Base Station Transceiver Rugged IP67 43dBm 2T2R AES Encryption LTE Outdoor Base

#### Our Advantages

Rugged IP67 43dBm 2T2R AES Encryption LTE Outdoor Base Station Transceiver Rugged IP67 43dBm 2T2R AES Encryption LTE Outdoor Base

**ZKMANET Zhongke Lianxun (Shenzhen) Technology Co., Ltd**



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