

## 43dBm 2T2R 10-20km Range Transmission AES Encryption LTE Outdoor Base Station Transceiver

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:  $\leq -101.5$ dBm
- Range: 10-20km




### More Images






### Product Description

#### 43dBm 2T2R 10-20km Range Transmission AES Encryption LTE Outdoor Base Station Transceiver

##### Product Description

The ZKManet7561 is a highly integrated private network base station, mainly composed of baseband processing unit (BBU), remote radio remote unit (RRU) and EPC. It is a miniaturized LTE private network base station specially developed according

Our Product

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
- 2 Power Indicator
- 3 GPS Indicator
- 4 Running Indicator
- 5 LAN 1 Indicator
- 6 LAN 2 Indicator
- 7 Power Input Port
- 8 Antenna Interface-Type N
- 9 Antenna Interface-Type N

#### 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 provide design and development services for internet big data collection and analysis products and application solutions to large enterprises and institutions with confidentiality needs. Additionally, we offer sales of network security equipment and information security technical services. Our products are widely used by law enforcement forces and government departments such as public security, armed police, , forest fire prevention, civil air defense, and maritime affairs.

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**

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**

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

+86 13266718951    Info@chinamanet.com    zkmanet.com

203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants Street, Nanshan District, Shenzhen, China