

High Power Personal Communication Equipment for Frequencies 1300-1500MHz 70MHz-6GHz Customizable GPS/BD/GLONASS GNSS

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ZKMANET
- Model Number: ZKMANET3261

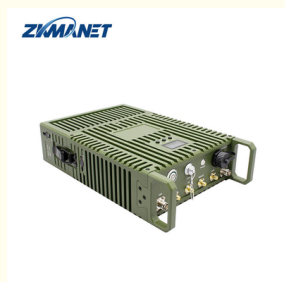


Product Specification

- Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)
- Network Capacity: 64 Nodes
- Output Power: Hight Power, 1dBm Step Adjustable
- Compression: H.265
- Positioning: GPS/BD/GLONASS (GNSS)
- Throughput: 56Mbps
- Frequencies: 1300-1500MHz (70MHz-6GHz Customizable)
- Latency: 7ms@2.5MHz/hop
- Highlight: **1300-1500MHz Personal Communication Equipment**, **GPS Personal Communication Equipment**, **6GHz Personal Communication Equipment**



More Images



Product Description

Product Description:

One of the key features of this product is its FHSS (Frequency Hopping Spread Spectrum) technology. With an optional hop rate of over 1000 hops per second, this technology ensures that your communication is secure and interference-free. So, you can be assured of high-quality communication, no matter the circumstances.

The Personal Communication Equipment product also comes with multiple channel bandwidth options – 2.5M, 5M, 10M, and 20MHz, with 40MHz optional. This ensures that you can choose the best option for your specific communication needs, whether it's for personal or professional use.

With a power consumption of less than 95W, this product is also energy-efficient, making it an eco-friendly option. Additionally, it comes in two colors – green and black, so you can choose the one that suits your style and preference.

The Personal Communication Equipment product is also equipped with a high-power output feature, with a 1dBm step adjustable output power. This means that you can adjust the output power to suit your specific communication needs, whether you are communicating over long distances or in crowded areas.

One of the standout features of this product is its MESH Radio technology. This technology enables the creation of a wireless mesh network, allowing for seamless communication between multiple devices. This is particularly useful in situations where traditional communication methods may not be feasible or reliable, such as in disaster-stricken areas or remote locations.

The MIMO MESH Radio technology is another advanced feature of this product. This technology uses multiple antennas to improve signal strength and reduce interference, ensuring reliable and efficient communication even in challenging environments.

Overall, the Personal Communication Equipment product is the perfect solution for anyone who needs reliable and efficient communication in any environment. With its advanced features such as FHSS technology, multiple channel bandwidth options, energy efficiency, and MESH Radio and MIMO MESH Radio technologies, this product is sure to meet all your communication needs.

Features:

Product Name: Personal Communication Equipment

Application: Data Transmission

Network Capacity: 64 Nodes

Receive Sensitivity: -100dBm@2.5MHz

Movement Speed: >1000km/h

Output Power: Hight Power, 1dBm Step Adjustable

Additional Features: Mimo Manet, LTE RRU, UAV Video Transmitter

Technical Parameters:

Product Attribute	Technical Parameter
Product Name	Personal Communication Equipment
Channel Bandwidth	2.5M/5M/10M/20MHz (40MHz Optional)
Power Consumption	≤95W
IFS	Optional
Network Capacity	64 Nodes
Compression	H.265
Frequencies	1300-1500MHz (70MHz-6GHz Customizable)
Movement Speed	>1000km/h
Throughput	56Mbps
Output Power	Hight Power, 1dBm Step Adjustable
Latency	7ms@2.5MHz/hop
Product Type	LTE Base Station, COFDM Module, Handheld Radio

Applications:

The ZKMANET3261 Manet Radio is a video transmitter that comes with a tracking antenna, making it perfect for use in situations where long-range data transmission is required. It has a power consumption of less than 95W, which ensures that it doesn't drain the battery quickly. Speaking of the battery, it has a battery life of approximately 6 hours, thanks to its 13Ah battery capacity.

One of the most significant advantages of the ZKMANET3261 Manet Radio is its customizable long-range transmission range. This feature makes it an ideal choice for use in areas where standard communication equipment fails to function correctly. The product is designed to cater to the needs of professionals working in different fields, including military, emergency services, transportation, and logistics.

The ZKMANET3261 Manet Radio is a reliable and durable product that can withstand harsh conditions. It is designed to function correctly in extreme temperatures and weather conditions, making it perfect for use in different scenarios. The video transmitter feature of this product makes it an ideal choice for video surveillance and data transmission in remote locations.

In conclusion, the ZKMANET3261 Manet Radio is an excellent choice for anyone who needs a reliable and durable personal communication equipment. Its customizable long-range transmission range, video transmitter feature, and tracking antenna make it a perfect choice for professionals working in different fields. Whether you're in the military, emergency services, transportation, or logistics, this product is sure to meet all your data transmission needs.

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