

16.8VDC Working Voltage Personal Communication Equipment COFDM Transmitter 6 Hours Battery Life

Our Product Introduction

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Basic Information

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

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Product Specification

- IFS: Optional
- Network Capacity: 64 Nodes
- Frequencies: 1300-1500MHz (70MHz-6GHz Customizable)
- Power Consumption: $\leq 95W$
- Working Voltage: 16.8VDC (12-24V)
- Movement Speed: $>1000km/h$
- Compression: H.265
- Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)
- Highlight: **16.8VDC Personal Communication Equipment, 6 Hours Battery COFDM Transmitter, Personal Communication Equipment COFDM Transmitter**

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Product Description

Product Description:

One of the key features of the Personal Communication Equipment is its optional IFS (Intermediate Frequency System), which enables users to operate in crowded signal environments. This ensures that users can maintain their communication links even in challenging conditions.

Another noteworthy attribute of this equipment is its channel bandwidth, which can be adjusted to 2.5M, 5M, 10M, and 20MHz, with the option of 40MHz for increased data throughput. This flexibility allows users to optimize their communication performance based on their specific requirements.

The Personal Communication Equipment operates on frequencies ranging from 1300 to 1500MHz, with the option of customization up to 70MHz to 6GHz. This range of frequencies ensures that users can communicate over long distances and in diverse environments.

This equipment is available in green and black colors, making it suitable for various applications. Additionally, it can operate at movement speeds exceeding 1000km/h, making it ideal for high-speed communication needs.

The Personal Communication Equipment comprises various components, including a Video Transmitter, an LTE Base Station, and a Mimo MESH Radio. The Video Transmitter enables users to transmit high-quality video data in real-time, making it suitable for surveillance, remote monitoring, and other video-based applications.

The LTE Base Station provides seamless connectivity for users, enabling them to communicate over long distances and in diverse environments. This component is designed to offer reliable and efficient communication solutions for various applications, including emergency response, public safety, and military operations.

The Mimo MESH Radio provides a reliable and efficient communication network for users. This component enables users to establish point-to-point and point-to-multipoint links, making it suitable for various applications, including disaster recovery, remote monitoring, and public safety.

In summary, the Personal Communication Equipment is a versatile and reliable product that offers efficient communication solutions for various applications. Its optional IFS, channel bandwidth, and frequency range ensure that users can communicate seamlessly, regardless of their location or environment. Its Video Transmitter, LTE Base Station, and Mimo MESH Radio components provide a comprehensive communication solution for users, making it an ideal choice for various applications.

Features:

Product Name: Personal Communication Equipment
Product Type: COFDM Transmitter, 4G-LTE Base Station, Handheld Radio
Receive Sensitivity: -100dBm@2.5MHz
Throughput: 56Mbps
Power Consumption: ≤95W
Output Power: Hight Power, 1dBm Step Adjustable
Working Voltage: 16.8VDC (12-24V)

Technical Parameters:

Technical Parameter	Description
Product Name	IP MESH Radio
Throughput	56Mbps
Frequencies	1300-1500MHz (70MHz-6GHz Customizable)
Positioning	GPS/BD/GLONASS (GNSS)
FHSS	Optional (>1000 Hop/s)
Working Voltage	16.8VDC (12-24V)
Range	Long Range (customizable)
Network Capacity	64 Nodes
Receive Sensitivity	-100dBm@2.5MHz
Color	Green/Black
Modulation Type	BPSK/QPSK/16QAM/64QAM (adaptive)
Product Type	Mimo Manet, IP MESH Manet

Applications:

The ZKMANET3261 is designed and manufactured in China, ensuring top-notch quality and performance. It boasts a low latency of 7ms@2.5MHz/hop, making it ideal for real-time communication. The device comes in two distinct colors, green and black, with an optional IFS (Image Frequency Suppression) feature for enhanced image quality.

One of the unique features of the ZKMANET3261 is its IP MESH Manet capability, allowing for reliable communication in situations where traditional methods may not work. This makes it perfect for outdoor activities such as camping, hiking, and hunting. The device can also be used for emergency response situations, as it can quickly set up a communication network even when traditional means are

unavailable.

The ZKMANET3261 can be used as a video transmitter, making it an excellent choice for live streaming events. The device's FHSS technology ensures that the video feed is stable and secure. It also has a battery life of up to 6 hours (13Ah), making it ideal for extended use.

Overall, the ZKMANET3261 is a reliable and versatile personal communication equipment that can be used in various occasions and scenarios. Whether you need a handheld radio for outdoor activities, emergency response, or live streaming events, the ZKMANET3261 has got you covered.

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