Data Transmission Personal Communication Equipment with GPS/BD/GLONASS GNSS Positioning and 6 Hours Battery Life

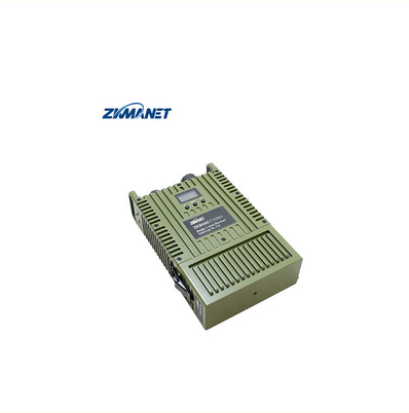
Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: ZKMANET
- Model Number: ZKMANET3261
- Minimum Order Quantity: 2pieces

Product Specification

- Battery Life: 6 Hours (13Ah)
- Positioning: GPS/BD/GLONASS (GNSS)
- Network Capacity: 64 Nodes
- Application: Data Transmission
- Power Consumption: ≤95W
- Throughput: 56Mbps
- Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)
- IFS: Optional
- Highlight: **GPS Personal Communication Equipment**, **GNSS Positioning Personal Communication Equipment** , **Data Transmission Personal Communication Equipment**



More Images

Product Description

Product Description:

One of the key features of this product is its ability to operate within a wide range of frequencies. It can work within the range of 1300-1500MHz, which can be customized to operate within the range of 70MHz-6GHz. This makes it a versatile device that can be used in different regions and circumstances.
The Personal Communication Equipment is also designed with positioning capabilities, utilizing GPS/BD/GLONASS (GNSS) technology. This feature allows users to accurately track the location of the device, making it an excellent tool for surveillance and reconnaissance missions. Furthermore, it is equipped with a high-power output that can be adjusted in 1dBm steps, ensuring that users can maintain reliable communication over long distances.
Another feature that sets this product apart is its compression capabilities, which use the highly efficient H.265 standard. This allows for efficient use of bandwidth and makes it possible to transmit high-quality video and other data over long distances without compromising on quality.
The Personal Communication Equipment is also designed to provide long-range communication, which can be customized to meet the specific needs of users. This makes it an ideal solution for applications such as drone data links, where reliable communication over long distances is essential. It is also equipped with IP MESH radio technology, which allows for seamless communication between multiple devices, making it an excellent tool for team communication.
Overall, the Personal Communication Equipment is a reliable and versatile device that is designed to meet the needs of professionals in a variety of fields. Its COFDM transmitter, wide frequency range, positioning capabilities, high-power output, compression capabilities, and long-range communication make it an ideal choice for anyone who requires a dependable communication solution.

Features:

Product Name: Personal Communication Equipment
Channel Bandwidth: 2.5M/5M/10M/20MHz (40MHz Optional)
Movement Speed: >1000km/h
FHSS: Optional (>1000 Hop/s)
Latency: 7ms@2.5MHz/hop
Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)
Mimo Manet
COFDM Transmitter

Technical Parameters:

Technical Parameter	Value
Application	Data Transmission
Positioning	GPS/BD/GLONASS (GNSS)
Network Capacity	64 Nodes
Range	Long Range (customizable)
Receive Sensitivity	-100dBm@2.5MHz
Compression	H.265
Output Power	High Power, 1dBm Step Adjustable
Modulation Type	BPSK/QPSK/16QAM/64QAM (adaptive)
FHSS	Optional (>1000 Hop/s)
Movement Speed	>1000km/h
Compatible Products	LTE Base Station, COFDM IP Radio, UAV MESH Radio

Applications:

The device has a movement speed of over 1000km/h, making it perfect for high-speed activities such as motorsports, skydiving, and extreme sports. Its receive sensitivity is -100dBm@2.5MHz, ensuring that users can stay connected even in areas with weak signals. The channel bandwidth of 2.5M/5M/10M/20MHz (40MHz Optional) allows for a stable connection, making it perfect for communication during outdoor activities.
The device is equipped with a tracking antenna that enables users to stay connected even when the UAV is far from the operator. The robotic data link feature allows for real-time communication between the operator and the UAV, which is essential for surveillance, aerial photography, and other applications. The UAV data link feature provides a reliable and stable connection, ensuring that data transmission is not interrupted during flight.
The latency of the device is 7ms@2.5MHz/hop, which is essential for real-time communication during high-speed activities. The battery life of the device is 6 hours, thanks to its 13Ah battery, making it perfect for long-term use. The device is suitable for various occasions and scenarios, including outdoor activities, search and rescue operations, surveillance, and aerial photography.
In conclusion, ZKMANET Personal Communication Equipment Model ZKMANET3261 is a reliable and efficient device that is perfect for

outdoor enthusiasts, professionals, and adventurers. Its tracking antenna, robotic data link, and UAV data link features make it an ideal choice for communication during high-speed activities, surveillance, and aerial photography. Its long battery life, stable connection, and real-time communication make it an essential tool for outdoor activities and applications.

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