Industrial Automation MESH Radio 2.5M/5M/10M/20MHz 40MHz Optional Channel Bandwidth 7ms 2.5MHz/hop Latency

Our Product Introduction

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Basic Information

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

Product Specification

- Range: Long Range (customizable)
- Latency: 7ms@2.5MHz/hop
- Working Voltage: 16.8VDC (12-24V)
- Battery Life: 6 Hours (13Ah)
- Receive Sensitivity: -100dBm@2.5MHz
- Positioning: GPS/BD/GLONASS (GNSS)
- FHSS: Optional (>1000 Hop/s)
- Movement Speed: >1000km/h
- Highlight: **2.5M Industrial Automation MESH Radio**, **20MHz Industrial Automation MESH Radio**, **10M Industrial Automation MESH Radio**

More Images

Product Description:

One of the most notable features of this product is its Receive Sensitivity of -100dBm@2.5MHz. This means that it can receive signals even in areas with weak signal strength, ensuring clear and uninterrupted communication.

The device uses H.265 compression, which is a highly efficient video compression standard that can provide high-quality video transmission while minimizing bandwidth usage. This makes it ideal for UAVs that require high-quality video transmission while using limited bandwidth.

The Personal Communication Equipment product uses adaptive modulation technology, which enables it to switch between different modulation types such as BPSK, QPSK, 16QAM, and 64QAM, depending on the signal strength and interference. This ensures that the device can maintain a stable connection even in challenging environments.

The product is available in Green/Black color, which makes it suitable for outdoor use, especially in military and law enforcement applications. Additionally, the Personal Communication Equipment product can operate within a frequency range of 1300-1500MHz, and it is customizable to operate within 70MHz-6GHz frequencies. This allows it to be used in various applications, including military, search and rescue, and law enforcement operations.

The device is equipped with advanced SDR technology, which enables it to receive and transmit signals in real-time. This ensures that the user can communicate effectively without any delay or interference.

In summary, the Personal Communication Equipment product is a reliable and efficient communication device suitable for UAV Data Link and UAV MESH Radio applications. Its advanced features such as H.265 compression, adaptive modulation technology, and SDR technology make it an ideal choice for military, search and rescue, and law enforcement operations.

Features:

Product Name: Personal Communication Equipment
FHSS: Optional (>1000 Hop/s)
Application: Data Transmission
Output Power: High Power, 1dBm Step Adjustable
Movement Speed: >1000km/h
Power Consumption: ≤95W
Features:
Mimo MESH
Manpack Radio
LTE RRU

Technical Parameters:

FHSS	Optional (>1000 Hop/s)
Compression	H.265
Channel Bandwidth	2.5M/5M/10M/20MHz (40MHz Optional)
IFS	Optional
Working Voltage	16.8VDC (12-24V)
Power Consumption	≤95W
Positioning	GPS/BD/GLONASS (GNSS)
Modulation Type	BPSK/QPSK/16QAM/64QAM (adaptive)
Application	Data Transmission
Frequencies	1300-1500MHz (70MHz-6GHz Customizable)

Applications:

The ZKMANET3261 is a powerful device that can operate at a working voltage of 16.8VDC (12-24V). It has a movement speed of over 1000km/h, which makes it ideal for use in fast-moving vehicles, such as trains and planes. With a throughput of 56Mbps, the ZKMANET3261 is capable of transmitting large volumes of data quickly and efficiently.

This device is perfect for use in a range of applications, including LTE base stations, Mimo MESH, and COFDM IP radio. With its long-range capabilities (customizable), the ZKMANET3261 is an ideal choice for professionals who need to transmit data over long distances.

If you're a professional who needs to transmit data quickly and reliably, the ZKMANET3261 is the perfect choice. Whether you're working in the field of telecommunications, transportation, or emergency services, this device is sure to meet your needs.

So why wait? Get your hands on the ZKMANET3261 today and experience the power of high-speed data transmission.