

## 1300-1500MHz 70Mhz-6Ghz Customizable Frequency Rack Mount RF Radio With IFS Support And Customizable

Our Product Introduction

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### Basic Information

- Brand Name: ZKmanet
- Certification: CE,FCC,ROHS
- Model Number: ZKmanet9304
- Packaging Details: carton
- Delivery Time: 1-4weeks
- Supply Ability: 3000pieces/month



### Product Specification

- Throughout Rate: Up To 28Mbps@10MHz & 56Mbps@20MHz
- Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)
- Weight: 12.5 Kg
- RF Waveform: TDD-COFDM + 2T2R
- Channel Bandwidth: 2.5/5/10/20MHz,20MHz Typical
- Working Temperature: -40°C~+70°C
- Encoding: H.264
- Latency: 7ms@2.5MHz/hop
- Highlight: **1300-1500MHz Rack mount RF radio,  
6Ghz Rack mount RF radio,  
Customizable Frequency Rack mount RF radio**



### More Images



## Product Description

### Product Description:

The Ship Mounted Data Link product is a cutting-edge communication system designed for naval applications, offering reliable and secure data transmission capabilities in challenging marine environments. This advanced system is ideal for ship mount datalink requirements, providing a robust solution for seamless communication between vessels or with onshore command centers.

Featuring state-of-the-art technology, this product is equipped with a rack mount RF radio that ensures optimal performance and efficiency. The system supports Frequency hopping, a technique that enhances data security by rapidly switching transmission frequencies during communication, thereby minimizing the risk of interception or jamming.

Key Product Attributes:

**Working Temperature:** -40°C~+70°C

**Encoding:** H.264

**Dimensions:** 2U (483\*390\*89mm)

**Receiver Sensitivity:** -100dBm

**Weight:** 12.5 Kg

The Ship Mounted Data Link product is engineered to operate flawlessly in extreme temperatures ranging from -40°C to +70°C, ensuring reliable performance even in harsh maritime conditions. The use of H.264 encoding technology enables efficient data compression without compromising on quality, facilitating high-speed data transmission and real-time communication.

With compact dimensions of 2U (483\*390\*89mm), this system can be easily integrated into existing ship infrastructure without occupying excessive space. Despite its compact size, the product delivers exceptional receiver sensitivity of -100dBm, allowing for reliable signal reception over long distances and in challenging environments.

Moreover, weighing just 12.5 Kg, the Ship Mounted Data Link product offers a lightweight yet robust solution for maritime communication needs. Its portable design and manageable weight make it an ideal choice for deployment on various types of vessels, ensuring seamless connectivity and data exchange during naval operations.

In conclusion, the Ship Mounted Data Link product is a sophisticated communication system that combines advanced features with rugged durability to meet the demanding requirements of ship-based datalink applications. With its exceptional performance capabilities, reliable operation in extreme conditions, and support for critical features such as Frequency hopping, this product is a valuable asset for naval communication networks seeking secure and efficient data transmission.

### Features:

Product Name: Ship Mounted Data Link

Frequency hopping: Support

RF Waveform: TDD-COFDM + 2T2R

Dimensions: 2U (483\*390\*89mm)

Throughput Rate: Up To 28Mbps@10MHz & 56Mbps@20MHz

Weight: 12.5 Kg

### Technical Parameters:

Working Temperature	-40°C~+70°C
Core Technology	MESH FPGA
IFS	Support
Frequency	1300-1500MHz (70Mhz-6Ghz Customizable)
Range	Long Range
Modulation Type	BPSK/QPSK/16QAM/64QAM (adaptive)
Latency	7ms@2.5MHz/hop
Power	High Power
Weight	12.5 Kg
Dimensions	2U (483*390*89mm)

### Applications:

ZKmanet9304 Ship Mounted Data Link is a cutting-edge communication solution designed for maritime applications. With its exceptional performance and reliability, this product is ideal for a wide range of Product Application Occasions and Scenarios:

**Rack mount radio:** The ZKmanet9304 is perfect for use in rack mount radio setups on ships, providing seamless and efficient data link connectivity.

**Rack mount RF radio:** This product excels in rack mount RF radio configurations, offering high-quality data transmission for critical maritime operations.

**Ship mount radio:** The ZKmanet9304 is specifically designed for ship mount radio installations, ensuring reliable communication in challenging maritime environments.

Whether used for fleet management, remote monitoring, or onboard communication, the ZKmanet9304 is a versatile solution that delivers

exceptional performance. Its key attributes include:

**Encoding:** H.264, ensuring high-quality video transmission.

**Modulation Type:** BPSK/QPSK/16QAM/64QAM (adaptive), enabling adaptive modulation for optimized data transfer.

**Latency:** 7ms@2.5MHz/hop, ensuring real-time data transmission for time-critical applications.

**Power:** High Power, providing strong signal coverage for reliable communication.

**Working Temperature:** -40°C~+70°C, making it suitable for operation in extreme maritime conditions.

From naval operations to offshore activities, the ZKmanet9304 Ship Mounted Data Link is a dependable choice for organizations seeking a robust and efficient communication solution for their maritime operations.

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