

High Frequency Ship Mounted Data Link with IFS Support 1300-1500MHz 70Mhz-6Ghz Customizable Long Range

Our Product Introduction

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Basic Information

- Brand Name: ZKmanet
- Model Number: ZKmanet9304
- Minimum Order Quantity: 2pieces
- Packaging Details: carton
- Delivery Time: 1-4weeks
- Supply Ability: 3000pieces/month



Product Specification

- Range: Long Range
- Encoding: H.264
- Frequency: 1300-1500MHz (70Mhz-6Ghz Customizable)
- Weight: 12.5 Kg
- Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)
- Dimensions: 2U (483*390*89mm)
- Working Temperature: -40°C~+70°C
- IFS: Support
- FHSS: Support
- Highlight: **1300-1500MHz Ship Mounted Data Link,
70Mhz-6Ghz Ship Mounted Data Link**



More Images



Product Description

Product Description:

The Ship Mounted Data Link product is a cutting-edge communication solution designed for naval vessels, providing reliable and secure data transmission capabilities. This product features advanced encoding using H.264 technology, ensuring high-quality and efficient data transfer for critical operations.

Equipped with a versatile modulation type, including BPSK, QPSK, 16QAM, and 64QAM (adaptive), the Ship Mounted Data Link offers flexibility to adapt to various signal environments and optimize data transmission efficiency. This capability is crucial for maintaining seamless communication in dynamic maritime settings.

The product is housed in a compact 2U form factor, with dimensions measuring 483*390*89mm, making it suitable for installation in limited spaces on naval vessels. Its rack mount design ensures easy integration into existing communication systems, providing a seamless upgrade for enhanced connectivity.

One of the key features of the Ship Mounted Data Link is its support for frequency hopping, which enhances the security and reliability of data transmission by changing frequencies during communication. This capability helps prevent signal interception and interference, making it ideal for secure military communications.

In terms of performance, the Receiver Sensitivity of the Ship Mounted Data Link is rated at -100dBm, ensuring reliable reception of data even in challenging maritime environments. This high sensitivity level enables the product to maintain connectivity over long distances and in adverse weather conditions, providing uninterrupted communication for naval operations.

The Ship Mounted Data Link product is designed to meet the demanding communication requirements of naval vessels, offering a reliable and efficient solution for data transmission. Its advanced features, including encoding with H.264, adaptive modulation types, compact dimensions, frequency hopping support, and high receiver sensitivity, make it a versatile and robust communication tool for maritime applications.

Whether deployed as a rack mount radio, MESH RF radio, or standalone communication system, the Ship Mounted Data Link delivers reliable performance and secure data transmission capabilities essential for naval operations. With its advanced features and compact design, this product is a valuable asset for enhancing communication efficiency and connectivity on board naval vessels.

Features:

Product Name: Ship Mounted Data Link

Range: Long Range

Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)

Receiver Sensitivity: -100dBm

RF Waveform: TDD-COFDM + 2T2R

Encoding: H.264

Technical Parameters:

Channel Bandwidth	2.5/5/10/20MHz; 20MHz Typical
Dimensions	2U (483*390*89mm)
Throughput Rate	Up To 28Mbps@10MHz & 56Mbps@20MHz
Frequency	1300-1500MHz (70Mhz-6Ghz Customizable)
Modulation Type	BPSK/QPSK/16QAM/64QAM (adaptive)
IFS	Support
Core Technology	MESH FPGA
Working Temperature	-40°C~+70°C
Encoding	H.264
Receiver Sensitivity	-100dBm

Applications:

ZKmanet9304 Ship Mounted Data Link is a cutting-edge product designed for a variety of applications in the maritime industry. This innovative solution is ideal for use in ship-to-ship and ship-to-shore communication scenarios, providing reliable and secure data link capabilities.

With support for frequency hopping, ZKmanet9304 ensures robust and interference-resistant communication, making it suitable for use in challenging maritime environments. The product's rack mount RF radio design and FHSS DSSS Radio technology enable seamless integration into existing ship communication systems.

Originating from China, ZKmanet9304 boasts dimensions of 2U (483*390*89mm), allowing for easy installation and integration into standard rack systems on ships. The RF Waveform of TDD-COFDM + 2T2R ensures efficient data transmission, making it a versatile solution for various ship communication requirements.

The high power output of ZKmanet9304 enables long-range communication capabilities, making it well-suited for maritime applications where reliable data link is essential. With a throughput rate of up to 28Mbps@10MHz & 56Mbps@20MHz, this product offers high-speed data transfer for mission-critical operations at sea.

Whether used for maritime surveillance, remote monitoring, or fleet management, ZKmanet9304 Ship Mounted Data Link provides a

reliable and high-performance communication solution. Its robust design, advanced features, and high power output make it an essential tool for ensuring seamless data link connectivity in maritime environments.

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