Receive Sensitivity -100dBm 2.5MHz Vehicle Mounted Data Link IP67 Rating RF Waveform TDD-COFDM 2T2R

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: ZKMANET
- Model Number: ZKMANET3562
- Minimum Order Quantity: 2pieces

Product Specification

- Receive Sensitivity: -100dBm@2.5MHz
- Ip Rating: IP67
- RF Waveform: TDD-COFDM (2T2R)
- FHSS: Optional (>1000 Hop/s)
- Working Temp: -40ºC-+70ºC
- Network Size: Up To 32 Nodes
- Modulation Type: BPSK/QPSK/16QAM/64QAM (adaptive)
- Video Compression: H.264/H.265
- Highlight: **2.5MHz Vehicle Mounted Data Link,**
  TDD-COFDM Vehicle Mounted Data Link,
  IP67 Rating Vehicle Mounted Data Link

More Images

Product Description:

The Vehicle Mounted Data Link product boasts a range of advanced features that set it apart from other data link systems on the market. One of the key features of this product is its optional IFS Intelligent Frequency Selection, which ensures the system operates on the best frequency band available. This feature ensures that the system is always operating at maximum efficiency, providing you with fast and reliable data transfer speeds.

In addition to its IFS feature, the Vehicle Mounted Data Link system also has a receive sensitivity of -100dBm@2.5MHz. This high level of sensitivity ensures that even the faintest signals are picked up, making it perfect for use in challenging environments.

Another key feature of our Vehicle-mounted Data Link system is its optional FHSS (>1000 Hop/s) technology. This feature enables the system to hop between frequencies, providing enhanced security and reliability. This feature makes it the perfect solution for applications where security is paramount.

The Vehicle Mounted Data Link system is also designed to operate in harsh environments, boasting an impressive IP67 rating. This means that the system is fully protected against dust and water ingress, making it ideal for use in demanding applications.

Finally, the Vehicle Mounted Data Link system is designed to operate in extreme temperatures, with a working temperature range of -40ºC-+70ºC. This makes it the perfect solution for use in extreme conditions, ensuring that you can rely on the system to operate flawlessly no matter what the conditions.

In summary, our Vehicle Mounted Data Link product is the ultimate solution for anyone looking for a reliable and efficient Vehicle-installed Data Link System. With its advanced features, including IFS Intelligent Frequency Selection, FHSS technology, and high sensitivity, this system is designed to provide fast and reliable data transfer speeds. Its IP67 rating and ability to operate in extreme temperatures make it the perfect solution for use in challenging environments. So, if you're looking for a top-of-the-line Automotive Data Link System, look no further than our Vehicle Mounted Data Link product.

Features:

Product Name: Vehicle Mounted Data Link

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

Frequency Range: 1300-1500MHz (70MHz-6GHz Customizable)

Video Compression: H.264/H.265

Transmit Power: High Power

Network Size: Up To 32 Nodes

This product is a Car-based Data Link System, Vehicle-borne Data Link System that allows for high power transmission of data over a frequency range of 1300-1500MHz (70MHz-6GHz Customizable). It supports multiple modulation types including BPSK, QPSK, 16QAM, and 64QAM (adaptive). The system has a video compression capability of H.264/H.265 and can accommodate up to 32 nodes in a network.

Technical Parameters:

Product Attribute	Technical Parameters
Product Name	Vehicle-installed Data Link System
Frequency Range	1300-1500MHz (70MHz-6GHz Customizable)
Receive Sensitivity	-100dBm@2.5MHz
Positioning	GPS/BD
Transmit Power	High Power
FHSS	Optional (>1000 Hop/s)
Transmission Range	Long Range
Network Size	Up To 32 Nodes
Delay	7ms@2.5MHz/hop
Modulation Type	BPSK/QPSK/16QAM/64QAM (adaptive)
Working Temperature	-40ºC-+70ºC
Product Type	Car-mounted Data Link Service, Vehicle-mounted Data Link Service

Applications:

The ZKMANET3562 is perfect for various scenarios such as fleet management, public transportation, and long-distance travel. Fleet managers can use this device to monitor their vehicles and drivers, ensuring that they are adhering to company policies and regulations. Public transportation companies can use this device to provide their passengers with a stable and reliable internet connection during their journey.

The Car-based Data Link System is also ideal for long-distance travel, ensuring that drivers and passengers have access to the internet throughout their journey. This device supports H.264/H.265 video compression, which provides high-quality video streaming and reduces

the usage of data. The built-in 2.4GHz Wifi allows for a stable and fast internet connection, while the -100dBm@2.5MHz Receive Sensitivity ensures that the device can receive signals even in areas with weak signal strength.

In conclusion, the ZKMANET3562 Car-based Data Link System is a reliable and stable Car-mounted Data Link Service that is perfect for fleet management, public transportation, and long-distance travel scenarios. With its advanced technologies and high-quality features, this device is a must-have for anyone who wants to stay connected while on the road.