

56Mbps 1.4GHz Long Range Customizable FHSS Mesh Wireless HD Sender Transmitter

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet3371
- Minimum Order Quantity: 1 piece
- Price: USD 3700~5599 per piece
- Packaging Details: carton
- Delivery Time: 3-7 work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per year



Product Specification

- Default Frequency: 1.4GHz(325MHz-3.8G)Customizable
- Channel Bandwidth: 2.5/5/10/20Mhz
- RF Channel: 2T2R
- Output Power: 43dBm
- 4G: Full Netcom
- Range: Long Range Customizable
- Network Capability: 64 Nodes
- Data Rate: 56Mbps
- Highlight: **56Mbps Sender Transmitter, 20-40KM Wireless Sender Transmitter, 20-40KM HD Sender Transmitter**



More Images



Product Description

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Product Description

ZKManet3371 is a high-power radio utilizing an FPGA solution, supporting adaptive frequency hopping and selection. It has

Our Product

the capability to automatically select the optimal frequency in the presence of electromagnetic interference, enabling broadband service transmission in complex scenarios through self-organizing networks. The device is designed with professional shock absorption features, making it easy to install on vehicles, ships, and aircraft. It can be easily powered on with a single button press, without the need for configuration or parameter changes.

Features

- * Data rate up to 56Mbps
- * Supports two-way voice intercom
- * Supports WIFI
- * Supports GPS/BD
- * Supports HDMI input
- * Supports IP data transparent transmission
- * Easy operation

Specifications

RF Parameters

Default Frequencies	1300-1500MHz (70MHz-6GHz customizable)
Channel Bandwidth	2.5M/5M/10M (20MHz/40MHz optional)
RF Waveform	TDD-COFDM + 2T2R
Output Power	43dBm (43dBm)
Receive Sensitivity	-100dBm@2.5MHz
Modulation Type	BPSK/QPSK/16QAM/64QAM (adaptive)
FHSS	Optional (>1000 hop/s)
Intelligent Frequency Slection	Optional

Network Parameters

Network Size	8 Nodes Customizable
Multi-hop Capability	15 hops (short message); 10 hops (voice); 8 hops (video)
Range	Long Range Customizable
Data rate	Up to 28Mbps@10MHz & 56Mbps@20MHz
Delay	7ms@2.5MHz/hop
Movement Speed	>1000km/h
Start Time	27s
Positioning	GPS/BD
Network Access Time	<1s
Network Extension	WIFI AP

Physical/Environment

Weight	3.5kg (w/o Antenna)
Dimensions	220*180*85mm
IP Rating	IP66
Working Temp.	-40°C~70°C

Electrical Parameters

Working Voltage	24-36VDC
Power Consumption	≤937dBm

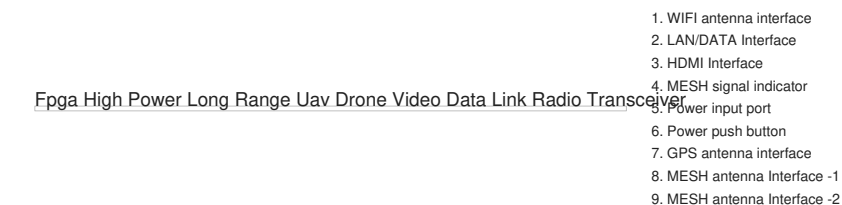
Interface

LAN Interface	*1
RS232 Interface	*1
Video Interface	HDMI*1

Detailed Photos

Dimensions

Panel Description



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Application

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Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd. was established in 2005, focusing on the research and development of

products for drone defense/control, wireless video transmission, and network security encryption/decryption. We leverage the technical expertise of renowned university network security institutes.

Adhering to the principles of "unity and dedication, technological innovation, and service innovation," we serve users both domestically and internationally. We uphold the tenet of "quality first, reputation first" to provide high-quality, efficient, and customized services to our clients worldwide. The company is committed to promoting an innovative spirit of "exploration and progress,"

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FAQ

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