

Long Range Wireless Mesh Video Transmitter And Receiver Rack Mounted AES 256

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2951
- Minimum Order Quantity: 1 piece
- Price: USD 6099 6499 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

- Host Features Operating System: WIN7/64-bit
- CPU: Intel I5 Processor
- Display: 15.6-inch High-definition Bright Screen
- RAM: 8G
- Storage: 120G SSD
- Operation Mode: Embedded Mouse And Keyboard
- Frequency Range: 1438MHz (300MHz-1.5GHz Customizable)
- Channel Bandwidth: 5M/10M/20M (adjustable)
- Transmit Power: 33dBm(MAX)
- Constellation Map Modulation: BPSK/QPSK/16-QAM (adaptive)
- Core Technology: MESH
- Encryption: AES256
- Highlight: long range wireless video transmitter and receiver




More Images






Product Description

Long Range Wireless Video Transmitter And Receiver Rack Mounted AES 256 Mesh

Product Description

* **Large bandwidth:** It adopts universal hardware platform, software radio architecture, supports dynamic loading and

Our Product

unloading waveforms, and online configuration of working parameters according to actual channel conditions and changes in user status to ensure large bandwidth transmission.

* **Self-organizing network:** the MESH wireless network does not rely on the base station, has the excellent characteristics of self-organizing network, self-management, self-repair and self-balancing, supports multi-point hopping, and meets the non-line-of-sight conditions of network transmission.

* **Multi-service:** support real-time voice intercom, intelligent device access, webcam access, with 4G Internet access.

* **All-IP:** adopting all-IP transparent data transmission, supporting end-to-end Internet protocol, it can be conveniently connected with higher-level network system, constituting a variety of specialized command application systems, and can also be connected to the public infrastructure network.

* **Self-developed:** with complete core technology and intellectual property rights, it can be quickly customized according to users' needs, with small size, flexibility and simple deployment.

Features

* Frequency 580MHz (300MHz-1.5GHz customizable)

* large bandwidth, up to 70Mbps rate

* line-of-sight transmission distance 10-20 kilometers

* Self-organized network size of not less than 32 units, relay capacity of more than 9 hops bidirectional high-definition video, voice, data transmission

* All-IP node, standard Ethernet interface protocol, IP data transparent transmission

* Centerless self-organizing network, automatic path selection, flexible networking mode, easy to use

* Multi-hop to expand the coverage area, expand the coverage distance with 4G and WIFI, support intelligent equipment access

* Strong anti-jamming, good bypassing properties

Product Parameters

Host Features	
Operating System	WIN7/64-bi
CPU	Intel I5 processor
Display	15.6-inch high-definition bright screen
RAM	8G
Storage	120G SSD
Operation Mode	Embedded Mouse and Keyboard
Transmission Characteristics	
Frequency range	1438MHz (300MHz-1.5GHz customizable)
Channel bandwidth	5M/10M/20M (adjustable)
Transmit Power	33dBm(MAX)
Constellation map modulation	BPSK/QPSK/16-QAM (adaptive)
Forward Error Correction Code	1/2,2/3,3/4,5/6(adjustable)
Digital sensitivity	93dBm@5MHz(MAX)
Transmission rate	70Mbps(MAX)
Networking capability	Self-organizing network hops more than 9 hops, the number of self-organizing network nodes is not less than 32 units
Data Characteristics	
RF interface	N*2,SMA*2
Video display	15.6-inch high-definition bright screen
Network cable interface	RJ45 waterproof interface
Intercom interface	7-core Remo head
Video Output	HDMI
Power supply interface	3-pole aviation header
4G Function	Full Netcom
Signal Indicator	1 dual-color signal indicator
Power switch	Self-reset switch with light
Encryption	AES 256
Electrical Characteristics	
Working voltage and current	DC 12 V,≤ 3A
Power consumption	Average power consumption of the whole machine 337dBm
Battery capacity	15.6AH
Functional Characteristics	
Signal Indicator	1 two-color signal indicator, communication link smooth display green, communication is about to enter the link interruption state intermittent red and green flashing, communication link is not smooth display red
Intelligent Configuration	One-touch operation, no need to configure and change parameters.
Physical Characteristics	
Operating temperature	-20~+55°C
Storage Temperature	-40°C~ +65°C
Dimension	577*353*211mm
Weight	14.8kg(including battery)
IP rate	IP65

Detailed Photos

High Reliability Mesh Control Station Wireless Transmission

Portabel IP65 Mesh Command Station Transceiver

Overall dimensions (unit: 577*353*211mm)

Weight: 14.8KG (with battery)

Sender/Receiver Transmitter for

Portabel IP65 Mesh Command Station Transceiver

- MESH Antenna Interface
- Antenna Interface (Reserved)
- Data Interface (Reserved)
- LAN Port (RJ45)
- Power Input Port
- Screen
- Battery Display
- USB Ports
- Power Switch
- Keyboard
- WIFI Antenna Interface
- 4G Antenna Interface
- SIM Card Slot
- Mic Interface
- Signal Indicator
- Display Switching Panel

Company Profile

Zhongke Lianxun (Shenzhen) Co., Ltd was established in 2005. The company focuses on the research and development of

products for drone defense/control, wireless video transmission, and network security encryption/decryption. It leverages the technical expertise of renowned university network security institutes. The company specializes in providing data encryption and decryption solutions as well as drone defense solutions for industries such as wind power, national power, oil and gas, firefighting, public security, road and bridge construction, and emergency management agencies.

High Reliability Mesh Control Station Wireless Transmission Sender Receiver Transmitter for

Our Patents

High Reliability Mesh Control Station Wireless Transmission Sender Receiver Transmitter for

Test Equipments

High Reliability Mesh Control Station Wireless Transmission Sender Receiver Transmitter for

Our Advantages

High Reliability Mesh Control Station Wireless Transmission Sender Receiver Transmitter for

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