ZKMANET1303R 20-30km Transmission COFDM HD Video Wireless Communication Receiver

Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKMANET1303R
- Minimum Order Quantity: 1
- Price: USD 99~999
- Packaging Details: Brown Carton
- Delivery Time: 15 working weeks
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per year

Product Specification

- Frequency: 300MHz-2.7GHz
- Modulation: QPSK(4QAM) 16QAM 64QAM
- Bandwidth: 2-8MHz
- Encryption: AES
- Range: 1.5-3KM;20-30KM
- Dimension: 105*89.5*30MM
- Weight: 248g
- Working Temp: -20 - +65degree
- Application: DRONE UAV
- Highlight: **HD Video Wireless Communication Receiver**, **20-30km Wireless Communication Receiver**, **AES Encryption Wireless Communication Receiver**

More Images

Product Description

ZKMANET1303R 20-30km Transmission COFDM HD Video Wireless Communication Receiver

Product Description

The ZKManet1303R is a mini COFDM wireless receiver with dual antenna diversity reception. This system can transmit

HDMI/AV videos with low-latency. It can work under all environments including high-speed mobile (NLOS), with a durable, compact and lightweight housing.

The system utilizes omnidirectional antennas, allowing for the rapid establishment of wireless transmission links. Both the capture and receiving ends can be moved freely without directional restrictions, making the system simple, reliable, and flexible in application. In complex electromagnetic environments, it demonstrates excellent anti-interference capabilities against frequency-selective fading or narrowband interference, as well as superior performance in mitigating interference between signal waveforms. Through joint coding of various subcarriers, it possesses strong resistance to fading.

Features

* Based on advanced COFDM technology
* Frequency 300MHz-2.7GHz customizable
* Supports HDMI/CVBS dual video outputs
* Supports TF card & USB video recording
* Compact size and light weight
* Low power consumption
* Low latency
* Range up to 20~30km (LOS)

Specifications

Model	ZKManet1303R	Brand	ZKMANET
RF Parameters	**Frequency**	300MHz-2.7GHz (Default 700MHz)	
	Modulation Type	QPSK(4QAM), 16QAM, 64QAM	
	Bandwidth	2-8MHz	
	Encryption	AES	
	Receiving Sensitivity	-106dBm@2MHz	
	RF Interface	SMA-F	
	Range	1~3km (ground-to-ground) 20~30km (air-to-ground)	
Video Parameters	**Video Output Interface**	HD: HDMI	
		SD: 3.5mm interface	
	Video Output	HD: 1080P@60	
		SD: 720x480	
	Video Compression	H.264	
	Video Memory	TF Card (128G Max) File System: FAT32	
Physical/Environment	**Dimensions**	105x89.5x30mm	
	Weight	248g	
	Working Temp	-20ºC~+65ºC	
Electronic Parameters	**Power Supply**	DC12V	
	Power Consumption	<37dBm	

Dimensions

Uav Drone Accessory HD Cofdm Wireless Radio Video Receiver

Panel Description

Uav Drone Accessory HD Cofdm Wireless Radio Video Receiver

1. Antenna interface-SMAF
2. Antenna interface-SMAF
3. HDMI output- HD digital
4. CVBS output -SD analog
5. Power input interface-DC 12V

1. TF-card slot - max. 128G, FAT32 format, auto recording and auto overrides.
2. Power indicator
3. OSD indicator
4. REC indicator
5. OSD button
6. REC button
7. Configuring port - connect to the USB programmer for adjusting frequency, bandwidth etc.
8. Data port-RS232 (TX, RX, GND), TX to RX unidirectional.
9. USB storage port - connect to external hard drive or SSD for video recording, FAT format, auto recording and auto overrides. Note: The USB port can only supply 5V/0.5A, external Power supply may required for hard drive and SSD.

Uav Drone Accessory HD Cofdm Wireless Radio Video Receiv

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd is a high-tech R&D enterprise. Our products mainly use Mesh and LTE as core technologies and auxiliary decision-making software to form underground building emergency communication systems, and police investigation communication systems, and police noncombat training communication systems, urban emergency communication systems, emergency communication vehicle communication systems, etc., suitable for law enforcement forces and government departments such as public security, armed police, , forest fire prevention, civil air defense, and maritime. Especially the intelligent communication products of special robots have solved the long-distance communication and control problems of robots in complex environments.

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Our Patents

Uav Drone Accessory HD Cofdm Wireless Radio Video Receiver

Test Equipments

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Our Advantages

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