Wireless COFDM Receiver And Transmitter System for UAV Video Data Transmission with 2-8MHz Bandwidth and H.264 Encoding

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKManet
- Certification: CE, ISO9001
- Model Number: ZKManet1303R
- Minimum Order Quantity: 1
- Price: USD 1999 Per Piece
- Packaging Details: Brown Carton
- Delivery Time: 4 working weeks
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year

Product Specification

- Frequency: 300MHz-2.7GHz Customizable
- Modulation Type: QPSK(4QAM), 16QAM, 64QAM
- Bandwidth: 2-8MHz
- Encryption: AES
- Receiving Sensitivity: -106dBm@2MHz
- Range: 1~3km (ground-to0ground) 20~30km (air-to-ground)
- Video Compression: H.264
- Dimensions: 105x89.5x30mm
- Highlight: **hd wireless transmitter and receiver**, **hdmi transmitter & receiver system**, **hdmi receiver and transmitter**

More Images

Product Description

Wireless COFDM Receiver And Transmitter System for UAV Video Data Transmission with 2-8MHz Bandwidth and H.264 Encoding

Product Description

Our Pro

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 light weight housing.

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-to0ground) 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

Panel Description

Rugged Cofdm Wireless Receiver for Uav Drone HDMI AV Input Low Latency Transmission

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.

Rugged Cofdm Wireless Receiver for Uav Drone HDMI AV Inp

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.

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."

Rugged Cofdm Wireless Receiver for Uav Drone HDMI AV Input Low Latency Transmission

Our Patents

Rugged Cofdm Wireless Receiver for Uav Drone HDMI AV Input Low Latency Transmission

Test Equipments

Rugged Cofdm Wireless Receiver for Uav Drone HDMI AV Input Low Latency Transmission   Rugged Cofdm Wireless Receiver for Uav Drone HDMI AV Inp

Our Advantages

Rugged Cofdm Wireless Receiver for Uav Drone HDMI AV Input Low Latency Transmission   Rugged Cofdm Wireless Receiver for Uav Drone HDMI AV Inp

ZKMANET **Zhongke Lianxun (Shenzhen) Technology Co., Ltd**

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