COFDM Wireless Receiver For Uav Drone With HDMI AV Input Transmission and -106dBm Receiving Sensitivity

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

2-8MHz • Bandwidth: • Encryption: AES

-106dBm@2MHz Receiving Sensitivity:

• Range: 1~3km (ground-to0ground) 20~30km (air-to-

ground)

• Video Compression: H.264

105x89.5x30mm • Dimensions:

• Highlight: uav datalink, Wireless Receiver for Uav,

COFDM Wireless Receiver

ZVAVANET



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Product Description

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Product Description

Our Product Introduction

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/Environm ent	Dimensions	105x89.5x30mm	
	Weight	248g	
	Working Temp	-20ºC~+65ºC	
Electronic Parameters	Power Supply	DC12V	
	Power Consumption	<37dBm	

Dimensions

Panel Description

- 1. Antenna interface-SMAF
- 2. Antenna interface-SMAF

Rugged Cofdm Wireless Receiver for Uav Drone HDMI AV Input Low Latency Hrams Blissian 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
- 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, COFDM 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. The products are widely used in law enforcement agencies and government departments such as public security, armed police, , forest fire prevention, civil air defense, and maritime affairs.

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Test Equipments

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Our Advantages

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