

## 300MHz~2.7GHz Customizable HDMI CVBS Input Transmission Uav Drone Cofdm Wireless Receiver

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 1699~2399
- Packaging Details: Brown Carton
- Delivery Time: 5~8 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year



### Product Specification

- Frequency: 300MHz-2.7GHz Customizable
- Bandwidth: 2-8MHz
- Modulation: QPSK(4QAM), 16QAM, 64QAM
- Encryption: AES
- Receiving Sensitivity: -106dBm
- Video Compression: H.264



### More Images



### Product Description

#### 300MHz~2.7GHz Customizable HDMI CVBS Input Transmission Uav Drone Cofdm Wireless Receiver

##### Product Description

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

Our Product

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

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

#### Dimensions



#### Panel Description

- 300MHz~2.7GHz Customizable HDMI CVBS Input Transmission Uav Drone, Goflyr Wireless 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.

#### 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.

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#### Our Patents

300MHz~2.7GHz Customizable HDMI CVBS Input Transmission Uav Drone Cofdm Wireless Receiver

#### Test Equipments

300MHz~2.7GHz Customizable HDMI CVBS Input Transmission Uav Drone Cofdm Wireless Receiver

#### Our Advantages

300MHz~2.7GHz Customizable HDMI CVBS Input Transmission Uav Drone Cofdm Wireless Receiver

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



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