

## 20~30km Mini Size Stable AES256 HDMI/CVBS Video Transmission Uav Drone COFDM 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 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



### More Images



### Product Description

#### 20~30km Mini Size Stable AES256 HDMI/CVBS Video Transmission Uav Drone COFDM 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 light weight 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

- 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. was established in 2005. We focus on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. With excellent quality and advanced technology, we provide comprehensive network communication solutions to our customers.

We hold several patents with independent intellectual property rights and have developed a robust quality management system that adheres to ISO9001 standards, as well as national standards. Our production processes strictly follow these national guidelines and internationally recognized standards, including CCC, CE, and FCC. Additionally, we have received the Radio Transmission Equipment Model Approval Certificate from the Ministry of Industry and Information Technology of China and have successfully completed wireless product testing certification by the Ministry of Public Security.

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

+86 13266718951 Info@chinamanet.com zkmanet.com

203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants Street, Nanshan District, Shenzhen, China