Rugged COFDM Uav Drone HDMI/CVBS Video Reveiver with TF Card Low Latency and H.264 Encoding

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMNET
- Certification: CE,ISO9001
- Model Number: ZKManet1303R
- Minimum Order Quantity: 1
- Price: USD 999~9999
- Packaging Details: Brown Carton
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, Western Union
- Supply Ability: 10000 pieces per year

Product Specification

- Frequency: 300MHz-2.7GHz (Default 700MHz)
- Modulation Type: QPSK(4QAM), 16QAM, 64QAM
- Bandwidth: 2-8MHz
- Range: 1~3km (ground-to Ground);20~30km (air-to-ground)
- Video Compression: H.264
- Encryption: AES
- Memory: TF Card (128G Max); File System:FAT32
- Dimensions: 105x89.5x30mm

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Product Description

Rugged COFDM Uav Drone HDMI/CVBS Video Reveiver with TF Card Low Latency and H.264 Encoding

Product Description

ZKManet1303R is a wireless image transmission receiver with powerful function and stable performance. With dual antenna reception, TF card and U disk video function, the maximum support 128G storage media, automatic video recording, storage full automatic coverage. High standard HD video output at the same time, HD reception in the case of transmission and reception delay less than 150ms. ZKManet1303R has a small structure and is easy to install, which is widely used in the integration of products with high delay requirements such as drones and unmanned vehicles.

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

* Supports 300MHz-2.7GHz customizable
* Supports HDMI/CVBS dual video outputs
* Long Range up to 20~30km (LOS)
* Supports TF card & USB video recording
* Low Latency and Low power consumption

Specifications

Model		ZKManet1303R
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

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 300-2700MHz Customizable Uav Drone HDMI Wi

Rugged Cofdm 300-2700MHz Customizable Uav Drone HDMI 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

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd. was established in 2005, focusing on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. We leverage the technical expertise of renowned university network security institutes.

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 300-2700MHz Customizable Rugged Cofdm 300-2700MHz Customizable Rugged Cofdm 300-2700MHz Customizable

Rugged Cofdm 300-2700MHz Customizable Uav Drone HDMI Wireless Receiver

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FAQ

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