ZKMANET1002R 10-40km Long Range COFDM Video Wireless Communication SDR Receiver

Our Product Introduction

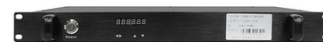for more products please visit us on zkmanet.com

Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKManet
- Certification: CE, ISO9001
- Model Number: ZKMANET1002R
- Minimum Order Quantity: 1
- Price: USD 99~999
- Packaging Details: Brown Carton
- Delivery Time: 15 working weeks
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per year

Product Specification

- Frequency: 300MHz-2.7GHz
- Modulation: QPSK(4QAM) 16QAM 64QAM
- Bandwidth: 2-8MHz
- Receiving Sensitivity: -106dBm
- Encryption: AES
- Range: 10-40KM
- RF Interface: N-F
- Application: Video Transmission
- Highlight: **COFDM Video Wireless Communication Receiver , 10-40km COFDM Video Receiver, Vehicle Mount COFDM Video Receiver**

More Images

Product Description

ZKMANET1002R 10-40km Long Range COFDM Video Wireless Communication SDR Receiver

Product Description

The ZKManet1002R features a standard 1U rack-mounted design, making it easy to place in vehicle or ship cabinets. It can

receive one channel of image and optionally includes voice intercom functionality. This receiver is part of a broadcast-grade high-definition real-time image transmission system with long transmission distance, powerful functionality, and stable performance. Utilizing COFDM modulation technology, the system encrypts images and data during transmission, exhibiting high reception sensitivity. It can transmit real-time stable audio and video even in high-speed motion and urban building obstruction scenarios. This receiver is suitable for use in public security, armed police, maritime security, and other major events for on-site security, emergency rescue operations, and maritime law enforcement.

Features

◆ Range up to 10km NLOS and 40km LOS
◆ 1U rack mount design
◆ COFDM modulation and H.264 decoding
◆ Dual-antenna diversity reception
◆ Supports two-way voice intercom
◆ High receiving sensitivity

Specifications

RF Parameters	Frequency	300MHz-2.7GHz customizable
	Modulation	QPSK(4QAM),16QAM,64QAM
	Bandwidth	2-8MHz
	Receiving Sensitivity	-106dBm
	Encryption	AES
	Range	10-40km
	RF Interface	N-F
Video Parameters	Video Output	HD:HDMI
		SD:BNC
	Video Modulation	HD:1080P@60
		SD:720*480
	Video Compression	H.264/H.265
	Memory	TF Card (128G Max); File system:FAT32
Physical/ Environment	Dimensions	1U
	Weight	3Kg
	Working Temp	-20°C~+65°C
Electrical Parameters	Power Supply	DC 12V/AC 220V
	Power Consumption	<43dBm

Panel Description

Power push button
Left/Right Button - act as menu and confirm function
Up Button
Down Button
6-segment LED Digital Display
Antenna interface, N type male
SDI output
HDMI output
Power input interface,100-240V AC
Antenna interface,N type male

Application

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.

4W 56Mbps Long Range 70~120km Uav Radio Video Data Link Transmitter

4W 56Mbps Long Range 70~120km Uav Radio Video Data Link Transmitter4W 56Mbps Long Range 70~120km Uav Radio Video Data Lir

FAQ

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