

30dBm Handheld COFDM Video Transmitter with Wide Frequency Customizable and AES256 Encryption

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet1131T
- Minimum Order Quantity: 1 piece
- Price: USD 1399~2399
- Packaging Details: carton
- Delivery Time: 3-7 work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per year

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Product Specification

- Working Frequency: Support 300MHz-2.7GHz Customizable
- Constellation Mode: QPSK(4QAM), 16QAM, 64QA.(Factory Default QPSK)
- Output Power: 30dBm
- Working Bandwidth: 2-8MHz Adjustable
- Encryption: AES
- Transmission Distance: 1-2km
- RF Interface: SMA Female Header
- Dimension: 120*65*30mm
- Weight: 354g(included Battery), 238g(without Battery)
- Working Temperature: -10°C~+65°C

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Product Description

30dBm Handheld COFDM Video Transmitter with Wide Frequency Customizable and AES256 Encryption

Product Description

The ZKManet1131T is a mini COFDM video transmitter specifically designed for covert video transmission applications. Its

Our Product

small size makes it ideally for covert video transmission or applications require battery power such as body-worn use. It can be placed in briefcase, backpack or small bags, the live video can be transmitted to the rear end as secret evidence. It can be used in public security, police law enforcement, video surveillances under complex environments.

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

- * 300-2700MHz frequency customizable
- * Supports HDMI/CVBS dual video inputs
- * Low latency
- * Transmission range up to 1-1.5km NLOS
- * H.264 encoding
- * AES256 encryption
- * Compact size and light weight
- * Rugged aluminum alloy housing

Specifications

Model	ZKManet1131T	Brand	ZKMANET
RF Parameters	Frequency	300MHz-2.7GHz (Default 700MHz)	
	Modulation Type	QPSK(4QAM), 16QAM, 64QAM	
	Bandwidth	2-8MHz	
	Encryption	AES	
	Output Power	30dBm	
	RF Interface	SMA-F	
	Range	1~2KM	
Video Parameters	Video Input Interface	HD: HDMI	
		SD: 3.5mm/2.5mm interface	
	Video Input	HD: 1080P/1080i/720P/720i	
		SD: P/N	
Physical/Environment	Video Compression	H.264	
	Dimensions	120*65*30mm	
	Weight	354g (w/ battery, 238g (w/o battery))	
Electrical Parameters	Working Temp	-10°C~+65°C	
	Battery Capacity	1250mAh	
	Power Supply	DC12V	
	Power Consumption	<12W	

Panel Description

1. Antenna Interface - SMA F
2. Power Switch - Switch left and right
3. Power Indicator - Green light
4. HDMI Input - Mini HDMI
5. 2.5mm Video Input - 3 pins (5V, Video, GND)
6. 3.5mm Video Input - 4 pins (12V, Video, Audio, GND)
7. Micro USB Interface - Be used to connect with programmer
8. 12V DC Input - Power input

Compact Size Handheld Radio with Cofdm Technology Transmitter

Application

Compact Size Handheld Radio with Cofdm Technology Transmitter

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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.

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

Compact Size Handheld Radio with Cofdm Technology Transmitter

Test Equipments

Compact Size Handheld Radio with Cofdm Technology Transmitter

Compact Size Handheld Radio with Cofdm Technology Transmitter

Our Advantages

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