

## COFDM Range 2km Handheld Image Transmitter with Voice Intercom and Low Latency

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet1131T
- Minimum Order Quantity: 1
- Price: USD 1999~2999
- 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
- Modulation Type: QPSK(4QAM), 16QAM, 64QAM
- Bandwidth: 2-8MHz
- Range: 1~2KM
- Output Power: 30dBm
- IP Rating: IP67
- Encryption: AES
- Video Input: 1080P/1080i/720P/720i/ P/N
- Video Compression: H.264
- Dimensions: 120\*65\*30mm




### More Images






## Product Description

### COFDM Range 2km Handheld Image Transmitter with Voice Intercom and Low Latency

#### Product Description

The ZKManet1131T is a portable HD image transmitter. With low power consumption, small size and stable performance, it can capture and transmit high-quality images in real time during high-speed movement. It adopts COFDM modulation technology, encrypts the image and data during transmission, and is used with the back-end handheld receiver to form a close-beat wireless image transmission system. It is often used to close complex environments and block relatively many places.

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

- \* Support 300MHz-2.7GHz Customization
- \* Small and portable COFDM device
- \* High Definition Image Transmission
- \* Support HDMI, CVBS, AV input
- \* Aluminum alloy housing with strong impact resistance

#### Specifications

Model	ZKManet1131T	
RF parameters	Frequency	300MHz-2.7GHz customizable
	Modulation Type	QPSK(4QAM), 16QAM, 64QAM
	Bandwidth	2-8MHz
	Encryption	AES
	RF Interface	SMA-F
	Range	1~2KM
	Output Power	30dBm
Video parameters	Video Input Interface	HDMI /3.5mm/2.5mm
	Video Input	1080P/1080i/720P/720i/ P/N
	Video Compression	H.264
Physics/Environment	Dimensions	120*65*30mm
	Weight	354g (w/o battery),238g (w/ battery)
	Working Temp	-10°C~+65°C
	IP Rating	IP67
Electrical parameters	Power supply	DC12V
	Battery Capacity	1250mAh
	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

## Application

30dBm Cofdm Handheld Voice Intercom with Technology Image Transmitter

## 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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## FAQ

30dBm Cofdm Handheld Voice Intercom with Technology Image Transmitter

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