

Manpack Wireless COFDM HD Video Transmitter with 1.5-3km Transmission Distance and AES Encryption

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet1241T
- Minimum Order Quantity: 1 piece
- Price: USD 1999~2399 per piece
- Packaging Details: carton
- Delivery Time: 3-7 work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per year




Product Specification

- Modulation: COFDM
- Weight: 1.3kg(Included Battery)
- Working Temperature: -20°C~+65°C
- Power Supply: DC 12V
- Transmission Distance: 1.5~3m
- Power Consumption: <237dBm
- Working Frequency: Image Transfer Support 300MHz-2.7GHz
Customize. Audio145Mhz
- Encryption: AES
- Highlight: **COFDM wireless video transmitter, HD video transmitter with AES encryption, Manpack video transmitter 3km range**




More Images






Product Description

Manpack Wireless COFDM HD Video Transmitter with 1.5-3km Transmission Distance and AES Encryption

Product Description

Our Product

The ZKManet1241T is a manpack COFDM video transmitter equipped with a two-way voice intercom. It is tailored for applications in government video surveillance, law enforcement, border security, internal safety, and command video transmission. This device is perfect for creating robust wireless video connections in various conditions, including high-speed mobility and urban settings. Utilizing low-latency, high-profile H.264 encoding, it delivers outstanding video quality over wireless links, making it highly suitable for all types of missions.

Features

- * COFDM modulation and H.264 compression
- * HDMI and CVBS dual video inputs
- * Supports two-way voice intercom
- * Range up to 1.5-3km NLOS and 5-10km LOS
- * 60-100ms low link latency
- * Strong anti-interference ability
- * Manpack design for easy operation
- * Up to 5 hours battery life
- * Rugged aluminum alloy housing

Specifications

Model	ZKManet1241T	Brand	ZKMANET
RF Parameters	Frequency	Video: 300MHz-2.7GHz customizable; Audio: 145Mhz	
	Modulation	QPSK(4QAM)/16QAM/64QAM	
	Output Power	2W	
	Bandwidth	2-8MHz	
	Encryption	AES	
	Range	1.5-3km(NLOS); 5~10km(LOS)	
	RF Interface	N-F	
Video/Audio Parameters	Video Input	HD:HDMI SD:RCA	
	Video Modulation	HD:1080P,1080i,720P,720i SD:P/N	
	Video Compression	H.264	
	Audio Interface	K-headphone microphone interface	
Physical/Environment	Dimensions	220*120*45(mm)(L×W×H)(w/ battery)	
	Weight	1.3kg(w/ battery)	
	Working Temp	-20°C~+65°C	
Electronic Parameters	Power Supply	DC 12V	
	Battery Capacity	4500mAh	
	Power Consumption	<237dBm	

Dimensions

2W 10km HDMI CVBS Transmission Cofdm Video Data Transmitter

Panel Description

2W 10km HDMI CVBS Transmission Cofdm Video Data Transmitter

1. Battery Indicator
2. Power Input Interface
3. HDMI Input Interface
4. AV Input Interfaces - Audio Left, Audio Right and Video (CVB)
5. Data Interface (Reserved)
6. Power Switch Button
7. MIC Interface (Intercom)
8. RF Antenna Interface - N Female, for Video
9. Control Panel - 6 Digit LED 7-Segment Display
10. RF Antenna Interface - N Female, for Data

Application

2W 10km HDMI CVBS Transmission Cofdm Video Data Transmitter

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 have multiple patents with independent intellectual property rights, has established a sound quality system and national standard system that comply with ISO9001 standards, and strictly produces products in accordance with national standards and internationally recognized standards such as CCC, CE, FCC, etc. It has obtained the Radio Transmission Equipment Model Approval Certificate issued by the Ministry of Industry and Information Technology of China and has passed the wireless product testing certification of the Ministry of Public Security.

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