

Wireless COFDM Manpack Video Sender with HDMI CVBS Dual HD Video Input and 2-8MHz Bandwidth

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet1241T
- Minimum Order Quantity: 1
- Price: USD 1999 Per Piece
- Packaging Details: Brown Carton
- Delivery Time: 4 working weeks
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year




Product Specification

- Frequency: 300MHz-2.7GHz Customizable
- Modulation: QPSK(4QAM), 16QAM, 64QAM
- Output Power: 2W
- Bandwidth: 2-8MHz
- Battery Capacity: 4500mAh
- Video Compression: H.264
- Working Temp: -20°C~+65°C
- Application: Manpack For Emergency Communication
- Highlight: **2-8MHz HDMI Transmitter, Wireless HDMI Transmitter, Digital HDMI Video Sender**




More Images






Product Description

Wireless COFDM Manpack Video Sender with HDMI CVBS Dual HD Video Input and 2-8MHz Bandwidth

Product Description

The ZKManet1241T is a lightweight and portable manpack transmitter that delivers HD, stable image transmission. It employs

Our Product

COFDM modulation technology to capture and transmit high-quality images in real-time, even in non-line-of-sight scenarios and during rapid movement. The transmission process ensures that both images and data are encrypted, and it can be paired with the ZKManet1002R receiver. This device is especially well-suited for challenging environments with obstacles, making it perfect for security operations at large events, emergency rescue missions, and the routine activities of public security and armed police forces.

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

Rugged HDMI CVBS Dual HD Transmission with 5h Working Battery Video Sender

Panel Description

- Rugged HDMI CVBS Dual HD Transmission with 5h Working Battery Video Sender
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

Rugged HDMI CVBS Dual HD Transmission with 5h Working Battery Video Sender

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.

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FAQ

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