

2W 1~10km H.264 HDMI CVBS Dual HD Transmission with 5h Working Battery COFDM Video Audio Transmitter

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: COFDM
- Output Power: 2W
- Bandwidth: 2-8MHz
- Encryption: AES
- Range: 1.5-3km(NLOS); 5~10km(LOS)
- Video Compression: H.264
- Weight: 1.3kg




More Images








Product Description

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The ZKManet1241T is a compact and portable, HD and stable image transmitting manpack transmitter. It utilizes COFDM

Our Product

modulation technology to capture and transmit high-quality images in real-time even in non-line-of-sight situations and during high-speed movement. The transmission process encrypts images and data, and it can be used in conjunction with the ZKManet1002R receiver. It is particularly suitable for use in complex environments with obstacles, making it ideal for security operations at major events, emergency rescue missions, and daily operations 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	
Physical/Environment	Video Compression	H.264	
	Audio Interface	K-headphone microphone interface	
	Dimensions	220*120*45(mm)(L×W×H)(w/ battery)	
	Weight	1.3kg(w/ battery)	
Electronic Parameters	Working Temp	-20°C~+65°C	
	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 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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FAQ

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