

2W Manpack COFDM HDMI/CVBS Video Audio Transmitter for 5~10km LOS with H.264 Encoding

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 1999~2999
- 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: Video: 300MHz-2.7GHz Customizable; Audio: 145Mhz
- Modulation: COFDM
- Output Power: 2W
- Bandwidth: 2-8MHz
- Transmission Distance: 1.5-3km(NLOS); 5~10km(LOS)
- Video Encoding: H.264
- Working Temp: -20°C~+65°C




More Images






Product Description

2W Manpack COFDM HDMI/CVBS Video Audio Transmitter for 5~10km LOS with H.264 Encoding

Product Description

The ZKManet1241T is a manpack COFDM video transmitter equipped with a two-way voice intercom. It is tailored for

Our Product

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

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 MeshCOFDM 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. The products are widely used in law enforcement agencies and government departments such as public security, armed police, , forest fire prevention, civil air defense, and maritime affairs.

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Our Patents

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

R&D Equipments

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FAQ

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