

2W Portable Manpack COFDM Radio Video Transmitter with H.264 Encoding and Power Supply DC12V

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMNET
- 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, Western Union
- Supply Ability: 10000 pieces per year

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Product Specification

- Frequency: Video: 300MHz-2.7GHz Customizable; Audio: 145Mhz
- Modulation Type: QPSK(4QAM), 16QAM, 64QAM
- Transmission Range: 1.5-3km(NLOS); 5~10km(LOS)
- Power: 2W
- Video Compression: H.264
- Encryption: AES256
- Video Input: 1080P/1080i/720P/720i/ P/N
- Application: Manpack For Personal Communication

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Product Description

2W Portable Manpack COFDM Radio Video Transmitter with H.264 Encoding and Power Supply DC12V

Product Description

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
- * Low latency
- * Strong anti-interference ability
- * Manpack design for easy operation
- * Up to 5 hours battery life
- * Rugged aluminum alloy housing

Specifications

Model	ZKManet1241T	
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)
Video/Audio Parameters	RF Interface	N-F
	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)
	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 Full-Duplex Speech Portable Radio Video Transmitter

Panel Description

- 1. Battery Indicator
- 2. Power Input Interface
- 3. HDMI Input Interface
- 4. AV Input Interfaces - Audio Left, Audio Right and Video (CVBS)
- 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

2W Full-Duplex Speech Portable Radio Video Transmitter

Application

2W Full-Duplex Speech Portable Radio Video Transmitter

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd. was established in 2005. We focus on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. With excellent quality and advanced technology, we provide comprehensive network communication solutions to our customers.

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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