

## High Performance AES Encryption Handheld Backpack Video Wireless Transmitter

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet1142T
- Minimum Order Quantity: 1 piece
- Price: USD 1699~2399 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
- Modulation Type: QPSK(4QAM), 16QAM, 64QAM
- Working Frequency: 300MHz-2700MHz Selectable
- Transmission Power: 33dBm (37dBm Optional)
- RF Bandwidth: 2-8MHz
- FEC: 1/2, 2/3, 3/4, 7/8
- Guard Interval: 1/4, 1/8, 1/16, 1/32
- Encryption: AES256 (User-defined Password)



### More Images



## Product Description

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#### Police Wireless Video Transmitter COFDM Modulation High Security AES256 Encryption Battery Powered

The ZKManet1142T is a manpack COFDM video transmitter specifically designed for government video surveillance, police law enforcement, border control, internal security and command video transmission applications. It is ideal for establishing rugged wireless video links under all situation including high-speed mobile and urban environments. It employs low latency high profile H.264 encoding for excellent video quality over the wireless link, is very well suited to all mission types.

#### Features

- 1 Advanced COFDM modulation and H.264 encoding
- 2 Support HDMI and CVBS video inputs
- 3 Range up to 1-2km NLOS and 5-10km LOS
- 4 60-100ms low system latency
- 5 Strong anti-interference ability
- 6 Manpack design for easy operation
- 7 With long endurance battery
- 8 Rugged aluminum alloy housing

[High Performance AES Encryption Handheld Backpack Video Wireles](#)

#### Product Parameters

Transmission Characteristics	
Modulation	COFDM
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RF Bandwidth	2-8MHz
FEC	1/2, 2/3, 3/4, 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32
Data Characteristics	
Video Input	HDMI: 1080P/1080i/720P/720i... CVBS: 720*576@PAL & 720*480@NTSC
Video Compression	H.264
System Latency	60-100ms
RF Interface	N F head x1
Parameter Setting	LED control panel
Encryption	AES256 (User-defined password)
Electrical Characteristics	
Working Voltage	DC 12V
Working Current	1.5A
Power Consumption	≤ 137dBm
Battery Endurance	3~5hours (12V/7800mAh)
Physical Characteristics	
Working Temp.	-20°C~70°C
Dimensions	150x120x45mm (w/o battery);
	200x120x45mm (w/ battery)
Weight	0.9kg (w/o battery);
	1.58kg (w/ battery)

## Applications

COFDM modulation solved the difficult problems of "Non-Line-of-Sight" and "Mobile" wireless broadband transmission when rate is over 2Mbps, so it has been widely applied in mobile communications, video transmission and monitoring systems such as digital audio broadcasting project (DAB), high-definition TV (HDTV) broadcasting, Health Care, Mobile Communication (CDMA + OFDM), wireless LAN (IEEE 802.11a), broadband wireless access (BWA), high-quality videos in real-time monitoring (, broadcasting, safety, maritime defense and other industries).

## 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 non combat 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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## Our Patents

High Performance AES Encryption Handheld Backpack Video Wireless Transmitter

## Test Equipments

High Performance AES Encryption Handheld Backpack Video Wireless Transmitter High Performance AES Encryption Handheld Backpack Video Wireless Transmitter

## Our Advantages

High Performance AES Encryption Handheld Backpack Video Wireless Transfer High Performance AES Encryption Handheld Backpack Video Wireless

**ZKMANET** Zhongke Lianxun (Shenzhen) Technology Co., Ltd



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