

800MHz/1.4GHz/2.4GHz Long Distance Wireless Transmission System Uav Communication Ground Station Transmitter

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2441
- Minimum Order Quantity: 1 piece
- Price: USD 8499 9399 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

- Working Frequency: 800MHz/1.4GHz/2.4GHz
- RF Bandwidth: 5/10/20MHz
- RF Channel: 1T2R
- Transmission Power: 33dBm
- Motor Torque: 30N*m
- Rotation Angle: 360 Degree Horizontally, 90 Degree Vertically
- Angular Accuracy: 2 Degree
- Max. Motor Speed: 0.13s/60degree
- Highlight: 1.4GHz Ground Station Transmitter, 800MHz Wireless Transmission System, radio station transmitter



More Images



Product Description

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Product Description

ZKManet2441 is a communication ground station designed for long distance, with built-in antenna tracking module, supporting all kinds of directional antenna tracking airborne modules. It realizes the automatic tracking function of directional antenna to improve the communication distance.

Features

- 1 Simultaneously equipped with an inertial compass (gyroscope) and a magnetic compass
- 2 Simultaneously equipped with image transmission and Lora dual link communication
- 3 Integrated tripod and suction cup installation, with a 360 degree non winding sliding ring design
- 4 Using high gain directional antennas to increase point-to-point communication distance, resulting in longer transmission distances
- 5 Easy to operate and use in emergency situations
- 6 Both the ground station and onboard modules are equipped with positioning modules, which can provide real-time positioning and refresh pointing angles.
- 7 Using 1T2R mode with directional antenna as the transmitting and receiving function and omnidirectional antenna as the receiving function can better transmit signals.

Product Parameters

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Motor torque	30N*m
Rotation angle	360 degree horizontally, 90 degree vertically
Angular accuracy	2 Degree
Max. motor speed	0.13s/60degree
RF interface	N*1,SMA*2
Network interfaces	Waterproof Air Interface
Power interface	Waterproof DC Interface
Coverage distance	30km, Long Distance, Long Distance, over Long Distance(can be customized)
Max Throughput	30Mbps(Max)
Encryption	AES128
Size	306*396*416mm
Weight	4.2kg
Working temperature	-20C+60C
IP rate	IP65
Power input	DC12V
Power consumption	<High Power

Detailed Photos

Dimensions

- 1- GPS antenna 6- battery indicator
 2- MESH directional antenna 7- Omni Antenna Interface
 3- Lora antenna port 8- Ethernet & Serial Ports
 4- Power on button 9- Waterproof DC charging port
 5- OLED screen, buttons

Company Profile

We are 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

Zhongke Lianxun (Shenzhen) Technology Co.,Ltd has 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.

Our Patents

1T2R Mode Image Transmission and Lora Dual Link Uav Communication and 1T2R Mode Wireless Transmission System Ground Station Transmission

1T2R Mode Image Transmission and Lora Dual Link Uav Communication Mode Wireless Transmission System for Dual Link Uav Transm

203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants Street, Nanshan District, Shenzhen, China