

ZKMANET2153UM Industrial Grade Waterproof RF Remote Controller Windows OS For UGV EOD

Our Product Introduction

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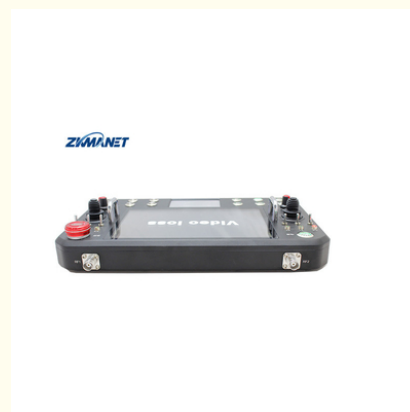
Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2153UM
- Minimum Order Quantity: 1
- Price: USD 99~999
- Packaging Details: Carton
- Delivery Time: 10 working days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 1000 pieces per year



Product Specification

- Color: Black
- Voltage: 12V
- Range: 5km
- Material: Rubber
- Size: 373*241.5*57mm
- Interface: RJ45 PTT LAN DC
- System: WINDOWS
- Application: UGV EOD
- Highlight: EOD RF Remote Controller,
Industrial Grade RF Remote Controller,
Windows OS RF Remote Controller



More Images



Product Description

ZKMANET2153UM Industrial Grade Waterproof Windows Operating System RF Remote Controller for UGV EOD

Product Description

ZKMANET2153UM is a waterproof remote control based on Windows operating system, supports customer customization and independent development, and supports touch click screen. The communication method adopts self-organizing network, supporting no less than 64 devices for online monitoring and operation at the same time.

Do not interfere with each other, node communication delay is within 100 milliseconds, supports 1-8 channels of video display at the same time, with intelligent control system, supports automatic intelligent detection, automatic error alarm, real-time display and storage of data and video, and supports wireless self-connection networking Configuration, support intelligence robot equipment parameter adjustment, with GIS, supports positioning, has a virtual control panel, and supports self-definition of rocker, switch, and button functions.

Features

1. Adopts Windows operating system, with touch operation, supporting customer customization and self-development;
2. Adopts 8 inch high-definition high-brightness display, 1000 brightness IPS LCD screen, which can still be viewed clearly under the sun;
3. Supports 1080P high-definition video transmission, the video stream address can be configured by yourself, and supports video storage;
4. At the same site, one remote controller can control multiple robots or multiple remote controllers can control multiple robots to achieve cooperative operations of robot clusters.
5. Urban environment 1.5 kilometers, sight distance 2-5 kilometers
6. Supports intelligent self-test at startup, which can automatically check whether the joystick, buttons, switches, etc. are normal;
7. Supports real-time display of data and can display relevant data of unmanned vehicles in real time;
8. With virtual control panel, you can define the joystick, switch, and button functions yourself;
9. With physical button status display function, the working status of each rocker, switch, and button can be monitored in real time;
10. Using large-capacity lithium-ion battery, it can work for 4-6 hours;
Using IP66 waterproof, dustproof and drop-proof materials and structures, it not only feels good but is also durable.

Product Parameters

| | | | |
|-----------------------------|-----------------------|------------------------|----------------|
| Model | ZKMANET2153UM | Brand | ZKMANET |
| Display parameter | Size | 8.0inch | |
| | Definition | 1280*800px | |
| | Lightness | 1000cd/m2 | |
| | Video output | 1-8channels video | |
| | Data display | 3.2inch touch screen | |
| RF Parameter | Frequency | 5.2~5.8G | |
| | Work band | 5/10/20M,20MHz | |
| | RF Channel | 2T2R | |
| | Output | 1W | |
| Interface parameter | RF Interface | TNC*2 | |
| | Network interface | Waterproof RJ45 | |
| | Power interface | Waterproof DC | |
| Network parameter | Network configuration | P2P | |
| | Transfer range | Ground to Ground 1.5km | |
| | Rate | 30Mbps | |
| | Encryption | AES256 | |
| Physical/environment | Size | 300*186*38mm | |
| | Weight | 2.5kg(w/battery) | |
| | Working temperature | -20°C~+60°C | |
| | Proof Rate | IP67 | |
| Electric character | Power supply | 12V | |
| | Battery capacity | 12Ah | |
| | Power consumption | <High Power | |

Panel Description

Industrial Grade Waterproof Windows Operating System RF Remote Control

- 1: RJ45
- 2: DC charger
- 3: Battery display
- 4: PTT
- 5: 8inch screen display
- 6: 3.2inch screen display

Industrial Grade Waterproof Windows Operating System RF Remote Control

- 7. RF1 antenna
- 8. RF2 antenna

Application

Industrial Grade Waterproof Windows Operating System RF Remote Control

EOD UGV special equipment remote controller application

Company

Profile

ZKMANET Technology was established in 2013 and is a high-tech research and development enterprise. The company is market-oriented, focusing on developing products suitable for emergency communication, non-combat mission communication systems for forces, special robot intelligent communication products, and auxiliary decision-making systems. The company is dedicated to providing customers with wireless broadband communication products and auxiliary decision-making system research and production under complex conditions.

Industrial Grade Waterproof Windows Operating System RF Remote Control

Certifications

Industrial Grade Waterproof Windows Operating System RF Remote Control

FAQ

Industrial Grade Waterproof Windows Operating System RF Remote Control

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