MIMO 2x2W 15.6-Inch HD Screen Portable Mobile Mesh Command Station Transceiver

Our Product Introduction

for more products please visit us on zkmanet.com

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE, ISO9001
- Model Number: ZKManet2951
- Minimum Order Quantity: 1
- Packaging Details: Brown Carton
- Delivery Time: 5~8 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year

Product Specification

- OS: WIN10 64-bit
- CPU: Intel I7
- Display: 15.6-inch HD Screen
- Memory: 8G
- Frequency: 1.4G Hz (300MHz-3.8GHz Customizable)
- Bandwidth: 5M/10M/20MHz/40MHz
- Output Power: 36dBm (4W MIMO 2x2)
- IP Rating: IP65
- Highlight: **15.6-inch HD screen transceiver**, **portable mesh command station**, **vehicle mounted data link transceiver**

More Images

Product Description

MIMO 2x2W 15.6-Inch HD Screen Portable Mobile Mesh Command Station Transceiver

Product Description

The ZKManet2951 portable command station is a high-reliability mobile Mesh product developed for on-site command. It can

Our Pro

manage and set up various Mesh nodes within the network through link management, allowing users to view the signal strength of each link, video and data information of each node, display front-end video in real-time, and conduct voice intercom. The Mesh command box can serve as a front command post and can also transmit data back to the main command center through 4G/5G private networks or public networks to coordinate operations.

Features

* Integrated IPC for easy operation

* Infrastructure-less, self configuring and self healing

* Supports 1400-1480MHz (350MHz-4GHz customizable)

* Data rate up to 82Mbps

* Range up to 1-10km NLOS

* Supports up to 9 hops and no less than 64 nodes

* Full transparent IP data transmission

* Supports two-way intercom

* HDMI output as optional

* Supports 2.4G/5.8G WIFI and 4G connection

* Supports AES256 encryption

* Battery endurance up to 4-5 hours

* Rugged IP65 housing

* Low system latency

Detailed Photos

Rugged IP65 Portable Mobile Mesh Command Station Transceiver   Rugged IP65 Portable Mobile Mesh Command Station Transce

1. MESH Antenna Interface
2. Antenna Interface (Reserved)
3. Data Interface (Reserved)
4. LAN Port (RJ45)
5. Power Input Port
6. Screen
7. Battery Display
8. USB Ports
9. Power Switch
10. Keyboard
11. WIFI Antenna Interface
12. 4G Antenna Interface
13. SIM Card Slot
14. Mic Interface
15. Signal Indicator
16. Display Switching Panel

Product Parameters

Host Characteristic

OS	WIN10 64-bit
CPU	Intel I7
Display	15.6-inch HD high-gloss screen
Memory	8G
Storage Method	250G Solid State Drive
Mode of Operation	Embedded Mouse and Keyboard

Transmission Characteristics

Frequency	1.4G Hz (300MHz-3.8GHz customizable)
Bandwidth	5M/10M/20MHz/40MHz
Output Power	36dBm (4W MIMO 2x2)
Modulation	DSSS/CCK BPSK/QPSK OFDM BPSK/QPSK/16-QAM/64-QAM
FEC Code	1/2,2/3,3/4,5/6
Digital Sensitivity	96dBm@5MHz BPSK
Data Rate	Up to 82Mbps
Network Capabilities	9 hops and no less than 64 nodes

Data Characteristics

RF Interface	N*2,SMA*2
LAN Interface	RJ45 Waterproof Interface
Intercom Interface	7-pin Connector
Video Output	HDMI
Power Input	3-pin Aviation Connector
4G Function	Full Network Access
Signal Indicator	1x Dual Color Signal Indicator
Power Switch	Self-resetting Switch with Light
Encryption	AES256

Electrical Characteristics

Voltage & Current	DC12 V, ≤ 3A
Power Consumption	Average 36W
Battery Capacity	21Ah

Physical Characteristics

Operating Temperature	-20~+55ºC
Storage Temperature	-40ºC~ +65ºC
Dimensions	577*353*211mm
Weight	15kg(w/ Battery)
IP Rating	IP65

Company Profile

Zhongke Lianxun (Shenzhen) Technology Co., Ltd is a high-tech R&D enterprise. Our products mainly use Mesh,COFDM 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.

Guided by the principles of "unity and commitment, technological advancement, and service innovation," we cater to users both at home and abroad. We prioritize the motto of "quality first, reputation foremost" in delivering high-quality, efficient, and tailored services to our global clientele. The company is dedicated to fostering an innovative culture centered on "exploration and progress."

Rugged IP65 Portable Mobile Mesh Command Station Transceiver Rugged IP65 Portable Mobile Mesh Command Station Transceiver Rugged IP65 Portable Mobile Mesh C

Our Patents

Rugged IP65 Portable Mobile Mesh Command Station Transceiver

Test Equipments

Rugged IP65 Portable Mobile Mesh Command Station Transceiver   Rugged IP65 Portable Mobile Mesh Command Station Transce

Our Advantages

Rugged IP65 Portable Mobile Mesh Command Station Transceiver   Rugged IP65 Portable Mobile Mesh Command Station Transce