

Talkpod

M2000



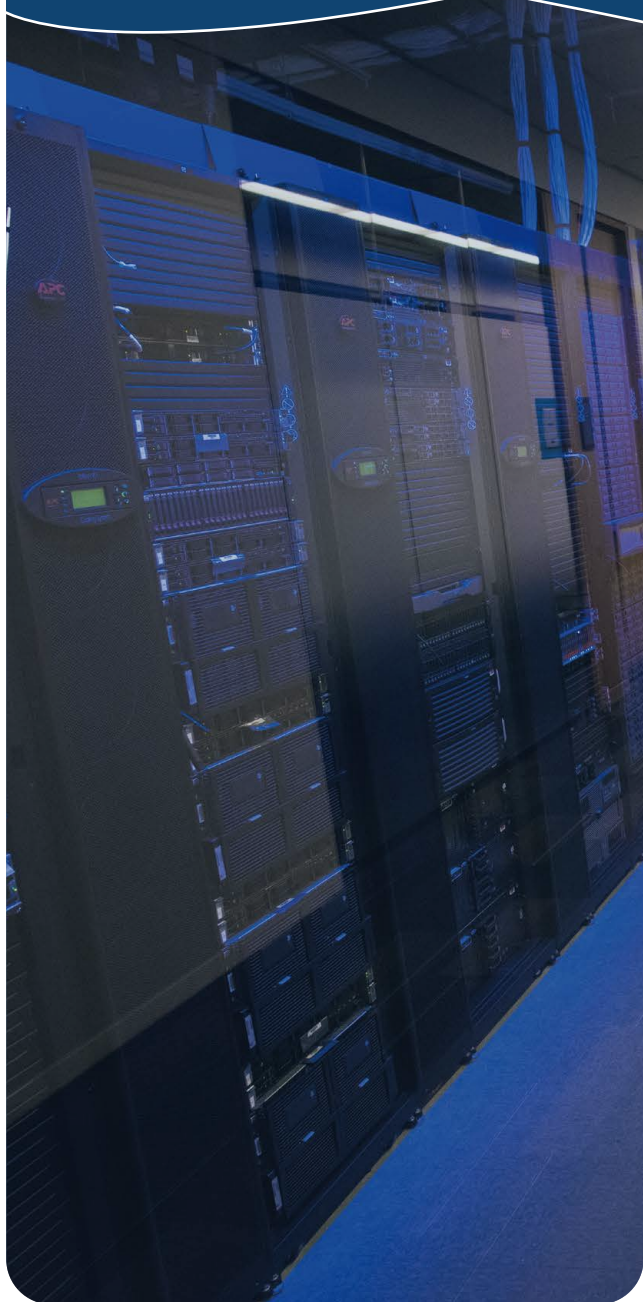
Talkpod MiniServer

MinServer brings PTT cloud solutions with fast deployment, safety and reliability, complete privatization, and comprehensive functions. Suitable for hospitals, hotels, public security, administrative law enforcement and other industry scenarios.



Talkpod Technology Co., Ltd.

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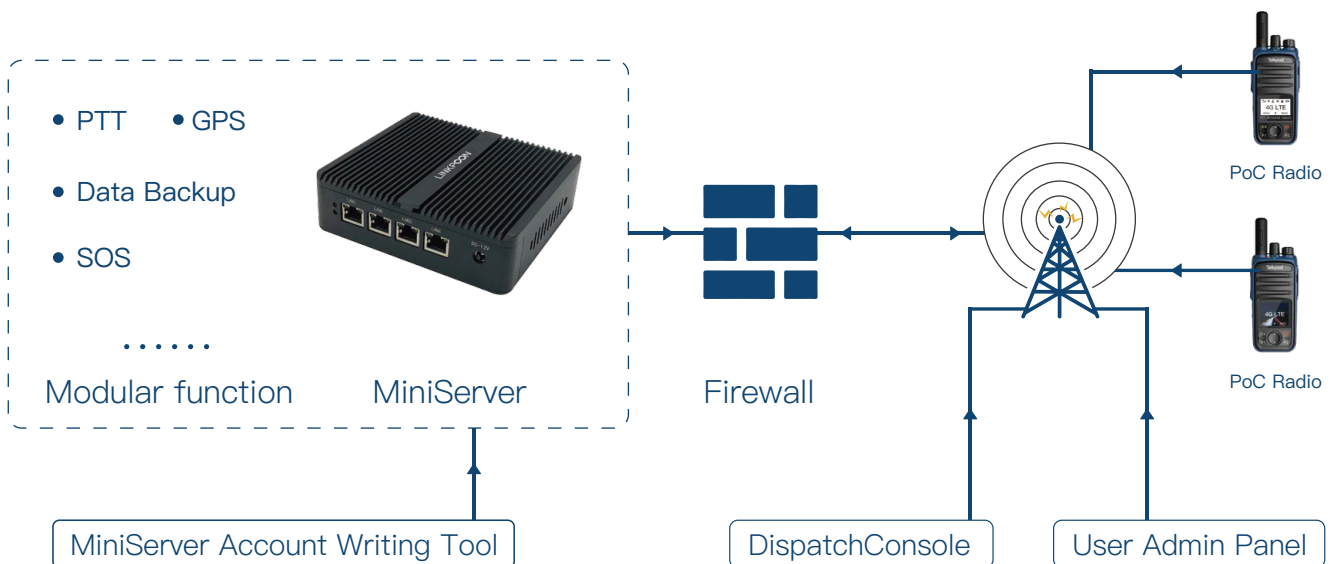
1. MiniServer System Introduction

1.1 MiniServer



- ✓ Provide PTT solutions
- ✓ Functional modularity
- ✓ one-key recovery
- ✓ Deployment privatization
- ✓ Cloud disaster recovery increases reliability

2. MiniServer System Composition



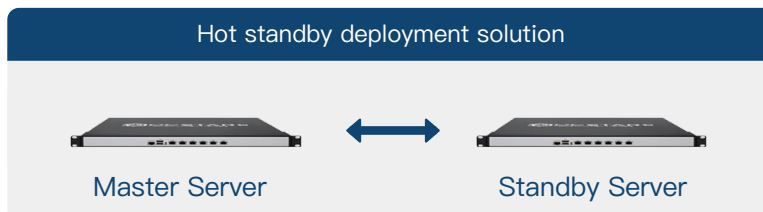
A MiniServer system can be formed by the MiniServer host, a network cable, a router, and two PoC Radios. The MiniServer host has built-in POCSTARS PTT system software, which provides customers with modular functions such as PTT function, voice storage, GPS, SOS, etc. Customers can choose a combination of functions according to their needs.

3. MiniServer System Configuration and Features

3.1 MiniServer System Specification

Specification	
Model Number	M200
Size	12x12cm
Support Users	50users-200users
Function	PTT trunking, GPS, SOS, data storage
Scalable Function	No

3.2 MiniServer Hot Standby Deployment



When the project budget is sufficient and have high system reliability requirements , a hot standby deployment solution can be selected. Hot backup deployment requires 2 MiniServers.

Advantage:

Guaranteed communication: When the main server fails, the PoC service can be quickly switched to the standby server to ensure rapid recovery of the PoC service and reduce the impact caused by server failure .

Simple expansion: server expansion can be achieved by increasing the number of servers.

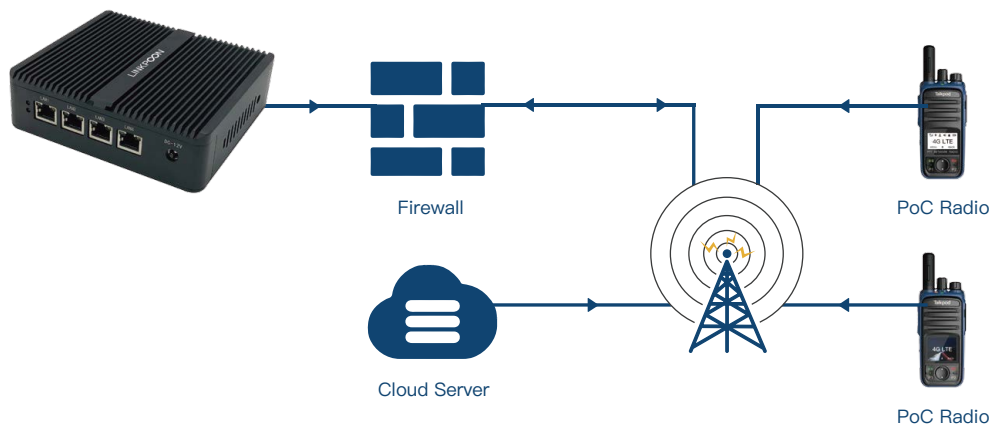
Public IP requirements: If the computer room has firewall equipment, 1 public IP is required; if the computer room does not have firewall equipment, 2 public IPs are required.

3.3 MiniServer Data Backup



- Mount the U disk on the MiniServer and add it to /etc/fstab to set the U disk to be automatically mounted on startup.
- Use synchronization service to automatically synchronize recording files, database backup files, and MongoDB backup files to the U disk directory.
- When the MiniServer hard disk cannot be used, the backup files of the U disk can be used to quickly restore services such as voice call, operating platform, dispatch console, SOS, battery power display, etc.

3.4 MiniServer Cloud Disaster Recovery



When MiniServer cannot work normally due to uncontrollable factors, customers can choose to enable cloud disaster recovery. When users fail to access MiniServer, they will automatically switch to the cloud server, and the cloud server will continue to provide voice intercom services.

4. MiniServer System Functions

4.1 MiniServer System Composition

- Client-Side



User Admin Panel



Dispatch Console



POC Radio/Smart phone

- Auxiliary Tools



MiniServer Configuration Tool



Terminal Configuration Tool

4.2 MiniServer Features



Account Management



Real-time PTT



Temporary PTT



Move channel /Interrupt call



Temporary enable/Temporary disable



Voice recording



Real-time PTT



Group Management



Missed message reminder



Real-time location



SOS



Terminal status report (power, signal)

4.3 Main Functions

Use object: command and management personnel

Managers can use the PTT to uniformly issue deployment commands, and use the platform to grasp the real-time location of all front-line personnel and the current overall situation of deployment and control.

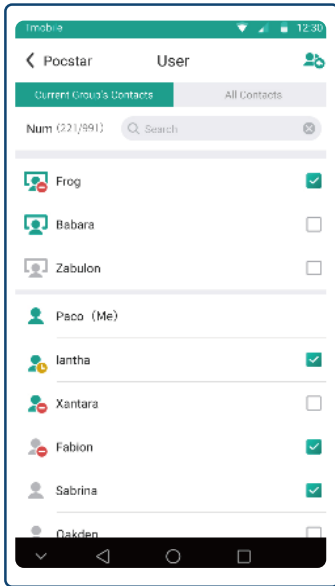


Simple operation and practical function

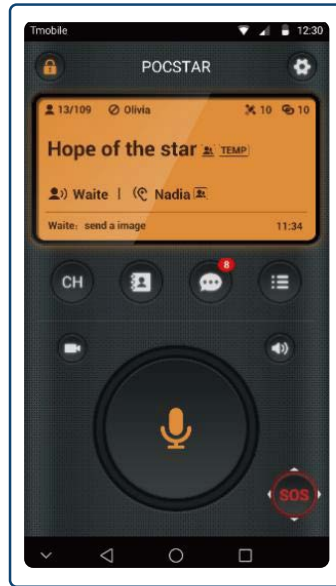
4.4 Main function introduction: Real-time PTT

Real-time PTT

Real-time PTT can be established between front-line personnel, multiperson and multi-departmental linkage, and receive instructions at the same time.



Multi-person/multi-group conversation



PTT



Front-line personnel

4.5 Main function introduction: SOS

SOS

When an emergency occurs, front-line personnel trigger an alarm by using the SOS one-key alarm function. After receiving the warning, the command center urgently dispatched surrounding personnel to support and ensure the safety of the staff.

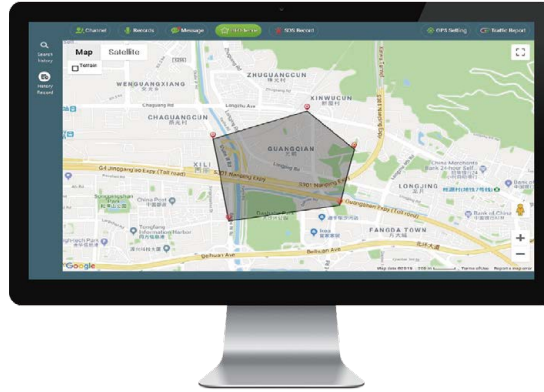


SOS one-key alarm

4.6 Main function introduction: command center

Geo group(Optional)

Frontline personnel are only allowed to patrol within the scope of the geo fence. After the specified scope is exceeded, the dispatch center will receive an alarm. Managers can divide multiple control areas and implement management policies according to actual conditions.



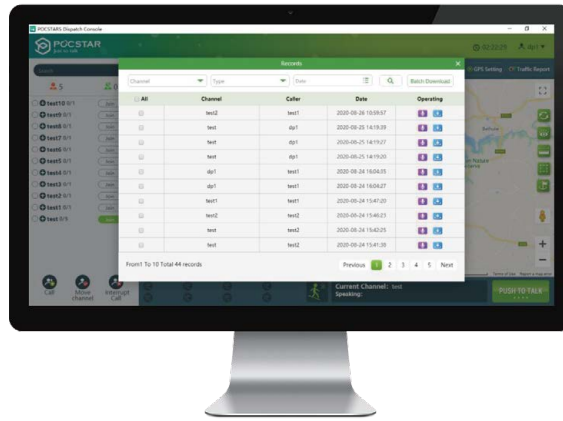
Real-time positioning

The location information of frontline personnel is uploaded to the dispatch center in real time through the terminal. The dispatch center can view the location and status of front-line personnel, so that managers can supervise all personnel.



Voice Recording Download

The command center can monitor the real-time voice calls of the dispatching personnel in routine and special tasks, and the platform will record all the PTT for all devices. Save the recording file after exporting.

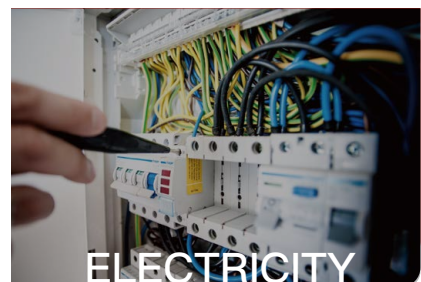
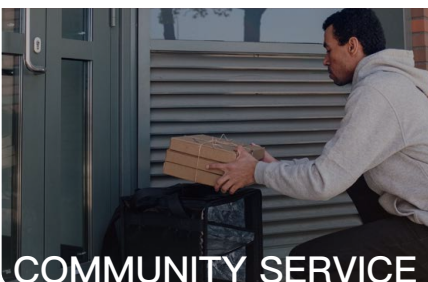


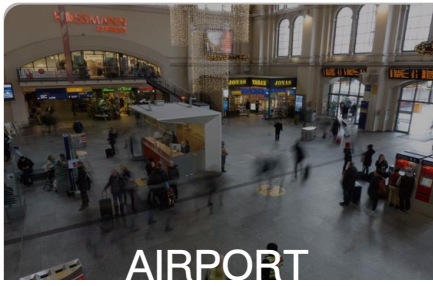
Multi-group monitoring:

Dispatchers can choose multiple groups for monitoring without affecting group calls.



5. MiniServer Application Scenario





AIRPORT



WAREHOUSE



INDUSTRY



MANUFACTURING



ENTERPRISES



ELECTRICITY

| 6.About Talkpod

6.1 Factory Overview

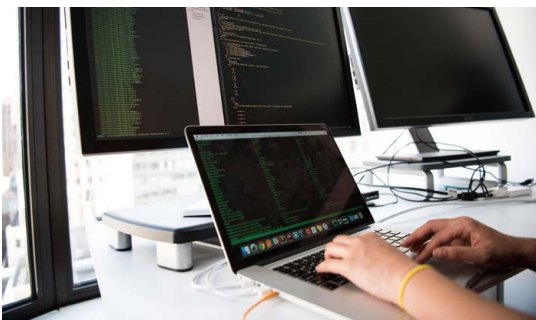
Talkpod Technology obtained **ISO9001:2015** system certification.

6,000m² headquarters and factory are located in Quanzhou, China.

29 years of experience in R&D and production of radios

IONet
THE INTERNATIONAL CERTIFICATION NETWORK
CERTIFICATE
CQIM has issued an ISO9001 recognized certificate that the organization:
Quanzhou Communication Technology Co., Ltd.
located at:
No.103, Jianshi Road, Xiang'an District, Quanzhou, Fujian P.R.China
has implemented and maintains a Quality Management System which fulfills the requirements of the following standard:
ISO 9001:2015
Issued on: 2018-07-16
First issued on: 2015-07-17
Expires on: 2021-07-16
Registration Number: CN-00218224218801M

6.2 Technology Center



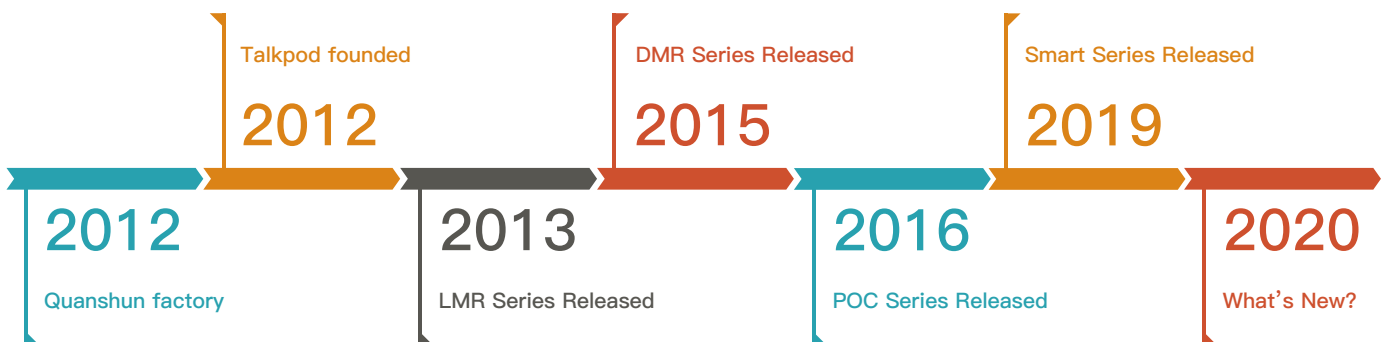
Talkpod R&D center is located in Shenzhen. It is a R&D team of more than **20** people and has obtained more than **40** patents.

15% of the annual income is invested as R&D funds.

6.3 Young Management



6.4 Development History



6.5 Contact Information

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