



VGW12W05-EC25-900

Android Tab Gateway

User Manual

CONTENT

1. Product Description	4
1) Product Overview	4
2) Product Features	4
2. Device Parameters & Specifications	4
1) Technical Parameters	4
2) Device model	5
3. Device Installation	5
1) Interface Specifications	5
2) Installation	5
a. Desktop Placement	5
b. Direct Wall Mounting	6
4. Screen Operations	6
1) Display Area Operations	6
a. Device Data	6
b. Silence Current Alarm	6
c. View Format Toggle	7
d. Data Printing	7
2) Function Zone - Device Operations	8
a. Device Configuration (Gen 1 Sensors Only)	8
b. Gen 1 Sensor Registration	9
c. Gen 2 Sensor Registration	9
d. Bluetooth Sensor Registration	10
e. Device Binding	10
f. Device Deletion	10
g. Show/Hide Devices	11
3) Function Zone - Monitoring Point Operations	11
a. Add Monitoring Point	11
b. Edit Monitoring Point	12
c. Delete Monitoring Point	12
4) Function Zone - Monitoring Interval	12
a. View Monitoring Intervals	12
5) Function Zone - Synchronization	13
a. Manual Sync	13
b. Auto-Sync Configuration	13
6) Settings - Alarm Configuration	14
a. Configure Alarms	14
7) Settings - Gateway Configuration	14
a. Gateway Settings	15
8) Settings - Other	15
a. Other	15
b. Firmware Version	15
c. Network Configuration	16
d. Reboot/Shutdown	18

e. Clear Historical Data	19
f. About Device	19
5. Web Management Platform	19
1) Login	19
2) Admin account login	20
a. Product Library	20
b. Device List	20
c. Tasks	21
d. LPWAN Protocol	22
e. Coordinator Configuration	22
f. Terminal Device Configuration	23
g. Gateway Configuration	24
3) Modbus account login	27
a. Device List	27
b. Network Settings	28
c. Coordinator Configuration	29
d. Terminal Device Configuration	30
6. Packing List	31
7. Product Warranty Terms	31
1) Warranty Coverage	31
2) Exclusions from Warranty Coverage	32
3) After-Sales Service	32
4) Product Warranty Card	32
5) Contact Information	32
8. Authentication Information	32
9. FCC Warning	33

1. Product Description

1) Product Overview

This gateway serves as an intelligent management terminal that integrates data reception and forwarding functions. It is designed to collect and transmit V - Mark sensor data, allowing users to directly manage and operate sensors on the gateway. The device conducts real - time data exchange with back - end systems, promptly synchronizing user operations and sensor data to the cloud. It supports offline data buffering, with a storage capacity reaching up to 1 million records.

2) Product Features

- 10.1-inch screen displaying real-time temperature monitoring and alarm information
- Functions as a handheld terminal for managing temperature sensors
- Supports diverse applications: transportation, warehouses, retail stores, laboratories, etc.
- Configurable for industry-specific requirements
- Triple-network connectivity: Ethernet / Wi-Fi / 4G
- Extended wireless coverage:
 - Sub-1G(902~928MHz) communication (500m range in line-of-sight conditions)
- 4-hour battery backup during power outages with alarm activation
- Mains power monitoring with power failure alerts
- Voice alarms for abnormal temperatures or network disconnections
- GPS positioning and trajectory tracking during transportation
- One-tap NFC configuration for sensor binding
- Support to connect Bluetooth printers for data printing
- Automatic data archiving enabling full data traceability

2. Device Parameters & Specifications

1) Technical Parameters

Item	Description
Power Supply	DC 12-3A
CPU	Quad-core Cortex-A53, up to 1.6GHz
Storage	LPDDR-2G EMMC-16G
Display	10.1-inch Capacitive Multi-touch Screen (1280×800 pixels)
Network Interfaces	Dual-band Wi-Fi, LTE Cat 4, Ethernet
LTE Cat 4 Frequency band	LTE-FDD: B2/4/5/12/13/14/66/71, WCDMA:B2/4/5

Item	Description
Sensor Communication	Sub-1G (902~928MHz) LoRa (500m range) ZigBee (200m range) BLE 5.0 (80m range)
Operating Temp	-10℃ to +60℃ (14°F to 140°F)
Extended	NFC Reader, Thermometer Binding
Size	250mm x 160mmx24mm/ 577g

2) Device model

Model	Name	Description
VGW12W05-EC25-24G	Android Tab Gateway (NA)	North America-band 4G multi-network support with GNSS • Supports 100 VTS04 series thermometers • Supports 10 VTS14W1X series thermometers • Supports 5 VTS17W0X series Bluetooth thermometers

3. Device Installation

1) Interface Specifications



2) Installation

a. Desktop Placement



b. Direct Wall Mounting



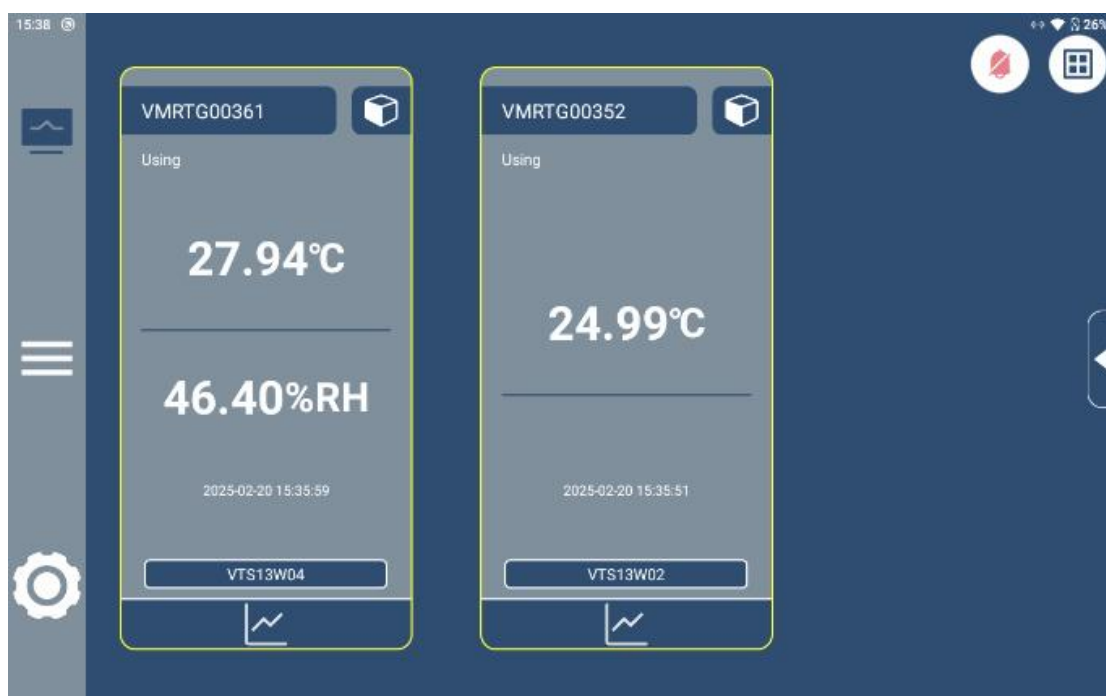
4. Screen Operations

1) Display Area Operations

a. Device Data

- The Device Display Area shows data for all connected devices

- Click a device's line chart icon to view its detailed data and trend graphs



b. Silence Current Alarm

- When a device triggers an alarm (audible/visual alert):

➤ Locate the **red bell icon** in the top-right corner,

➤ Click to immediately silence the active alarm



c. View Format Toggle

- Two display modes are available:
 - Tag View (compact tile layout)
 - List View (tabular format)
 - Switch methods:
 - Click the Tag/List icons in the top-right toolbar, or
 - Configure in Monitoring Settings within the left-expandable sidebar

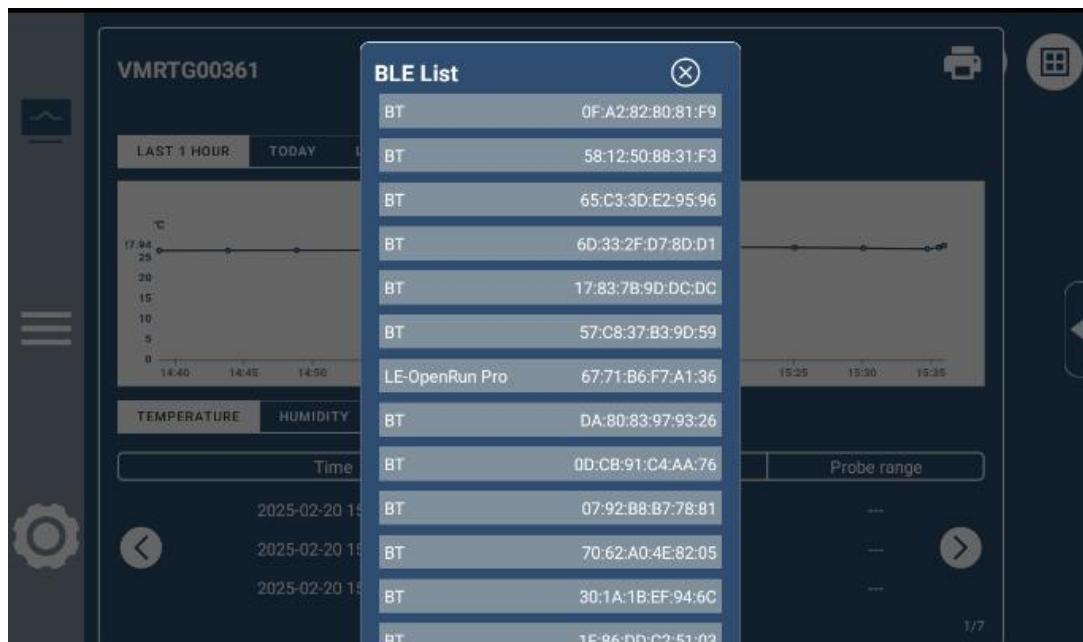


Model	Temp	Hum	RSSI	LQI/SNR	Buckle
VMRTG00361	27.94°C	46.40%rh	-28dBm	13	No buckle
VMRTG00352	24.99°C		-49dBm	13	No buckle

d. Data Printing

- In Device Display Area:
 - Select target device, then click its line chart icon to open details.
- In Device Detail page:
 - Click printer icon (top-right), then ensure Bluetooth printer is powered on.
- Gateway will:
 - Populate available printers, then
 - Select your target printer and Establish connection.
- Finalize:
 - Choose content scope, then
 - Confirm with Yes to print

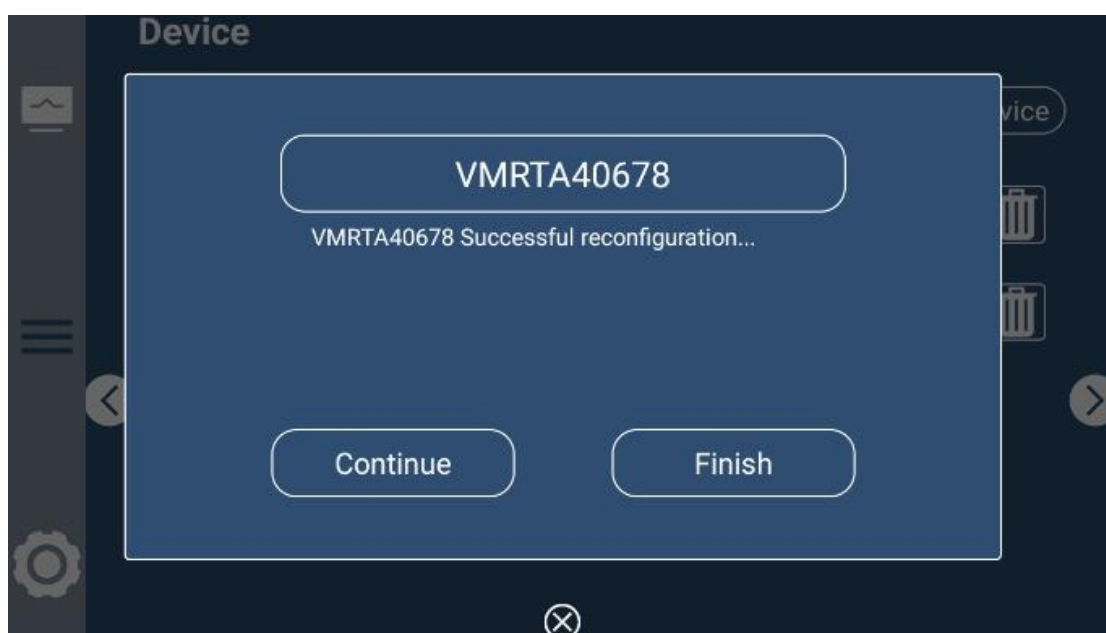
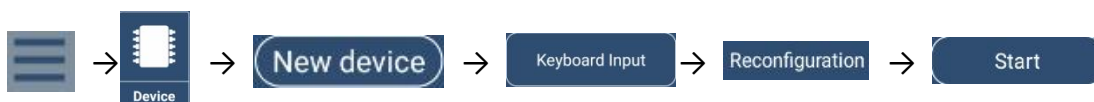




2) Function Zone - Device Operations

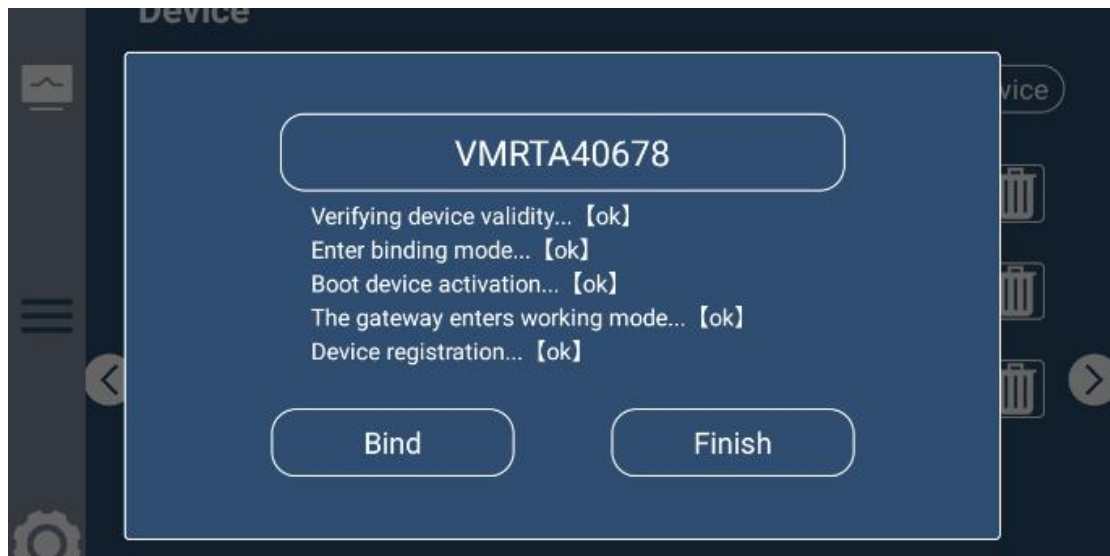
a. Device Configuration (Gen 1 Sensors Only)

- In Function Zone, click Devices,
- Click Add New Device (top-right) → Select Keyboard Input,
- In new dialog, click Reconfigure Device (bottom-right),
- Enter device ID in input field,
- Set device to configuration mode → Click Start Reconfiguration,
- Follow on-screen prompts → "Configuration Successful" confirms completion,



b. Gen 1 Sensor Registration

- Click Add New Device → Keyboard Input,
- Enter sensor code in dialog box,
- Execute operations per gateway instructions,
- "Registration Successful" prompt appears → Reboot sensor to activate.



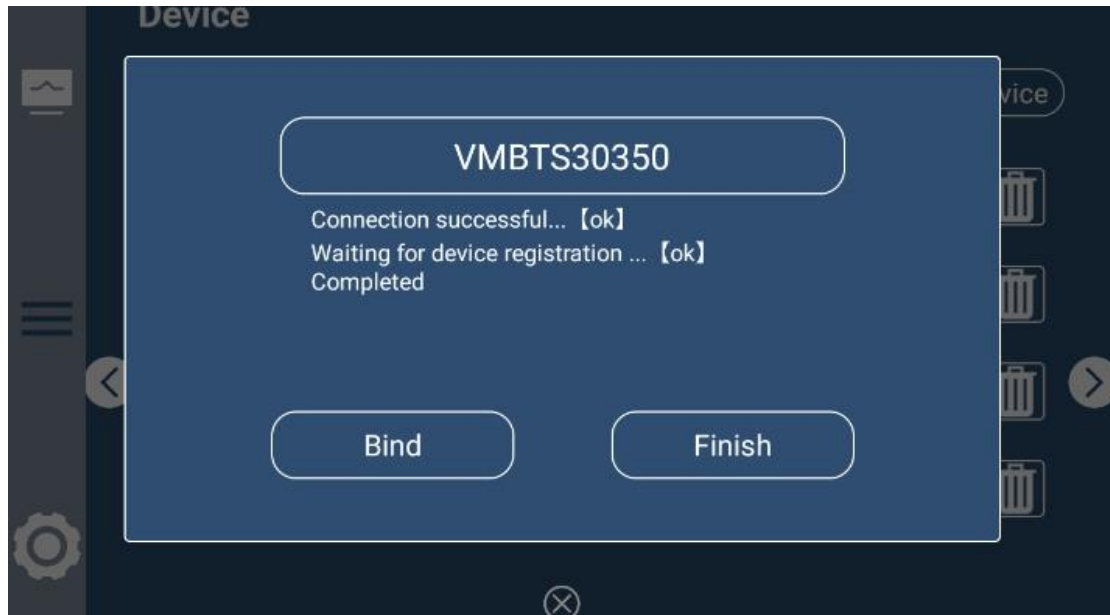
c. Gen 2 Sensor Registration

- Click Add New Device → NFC Input,
- Place sensor on gateway's NFC reader,
- Gateway beeps 3 times → Auto-reads device ID,
- Sensor reboots automatically → "Network Joined" confirms success,



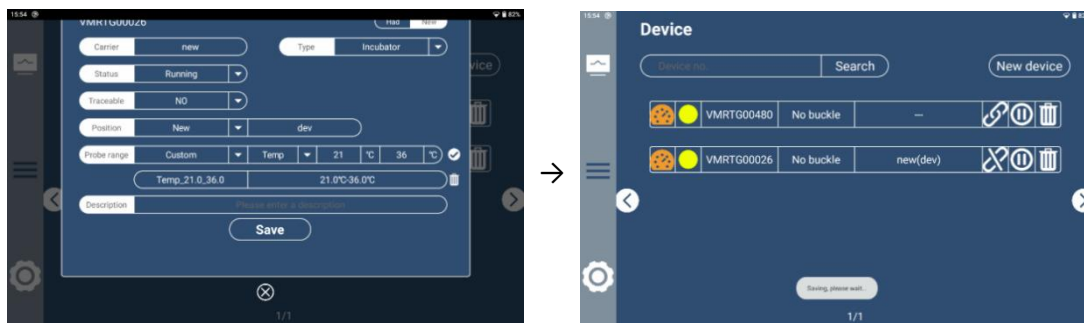
d. Bluetooth Sensor Registration

- Click Add New Device → BLE Input (Corrected from BEL),
- Power on sensor → Place within gateway's Bluetooth range,
- Select target sensor from Bluetooth Device List,
- Gateway auto-connects → "Paired" status appears,



e. Device Binding

- Locate target device → Click Bind icon,
- Complete binding form → Click Save,
- "Binding Successful" notification confirms,

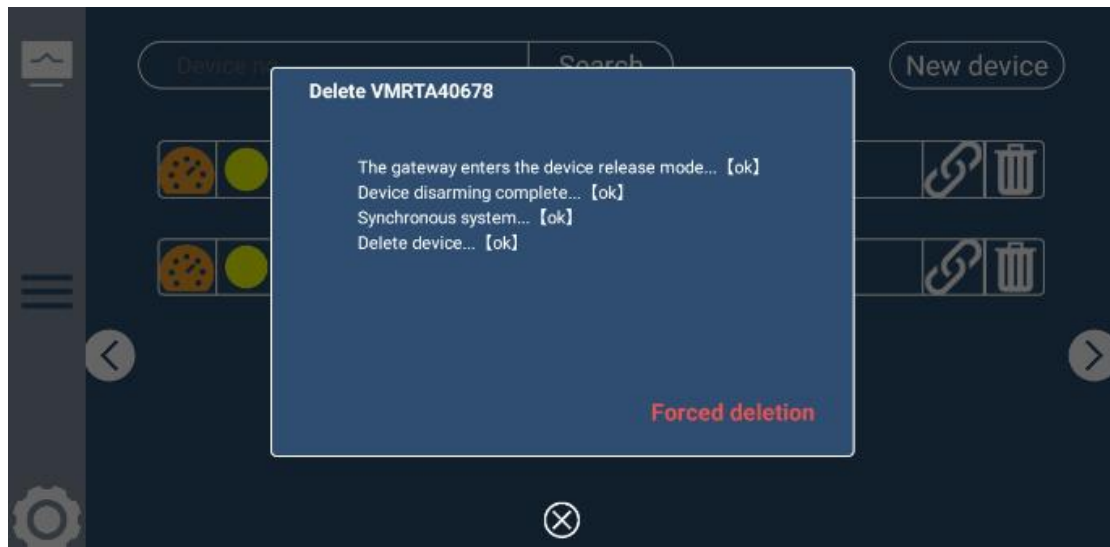
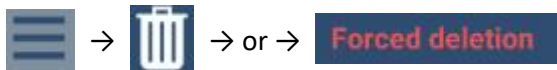


f. Device Deletion

- Locate target device → Click Delete icon,
- If the device has been registered in the gateway, we should follow the guide to reset device

or click Force Delete (bottom-right),

- "Deletion Successful" confirms removal



g. Show/Hide Devices

- Click Visibility icon (leftmost column),
- "Device Visible" prompt appears → Data displays in monitoring area,
- Click again → "Device Hidden" prompt confirms



3) Function Zone - Monitoring Point Operations

a. Add Monitoring Point

- In Function Zone, click Monitoring Points,
- Click Add New Monitoring Point (top-right),
- Complete the configuration form with required parameters,
- Click Save,
- "Monitoring Point Added" confirmation appears,





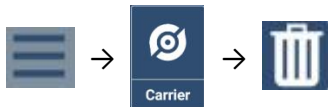
b. Edit Monitoring Point

- Locate target monitoring point → Click Edit icon
- Modify parameters in the configuration form
- Click Save
- "Changes Saved" confirms successful update



c. Delete Monitoring Point

- Locate target monitoring point → Click Delete icon
- Confirm action in the deletion dialog box
- Click Confirm
- "Monitoring Point Deleted" notification appears



4) Function Zone - Monitoring Interval

a. View Monitoring Intervals

- Click Monitoring Intervals in Function Zone
- View all configured intervals

Note: This page supports viewing/searching only

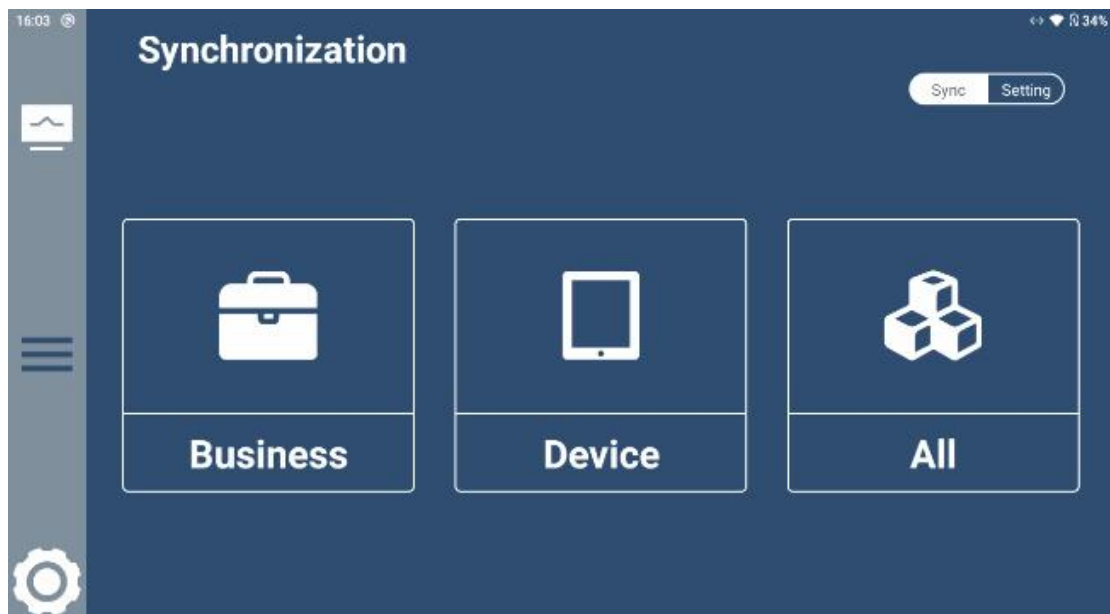




5) Function Zone - Synchronization

a. Manual Sync

- Click Synchronization
- Select target items → Initiate sync
- "Synchronization Successful" confirms



b. Auto-Sync Configuration

- Click "Settings" (top-right)
- Enable/configure automatic sync
- Click Save → "Settings Saved"

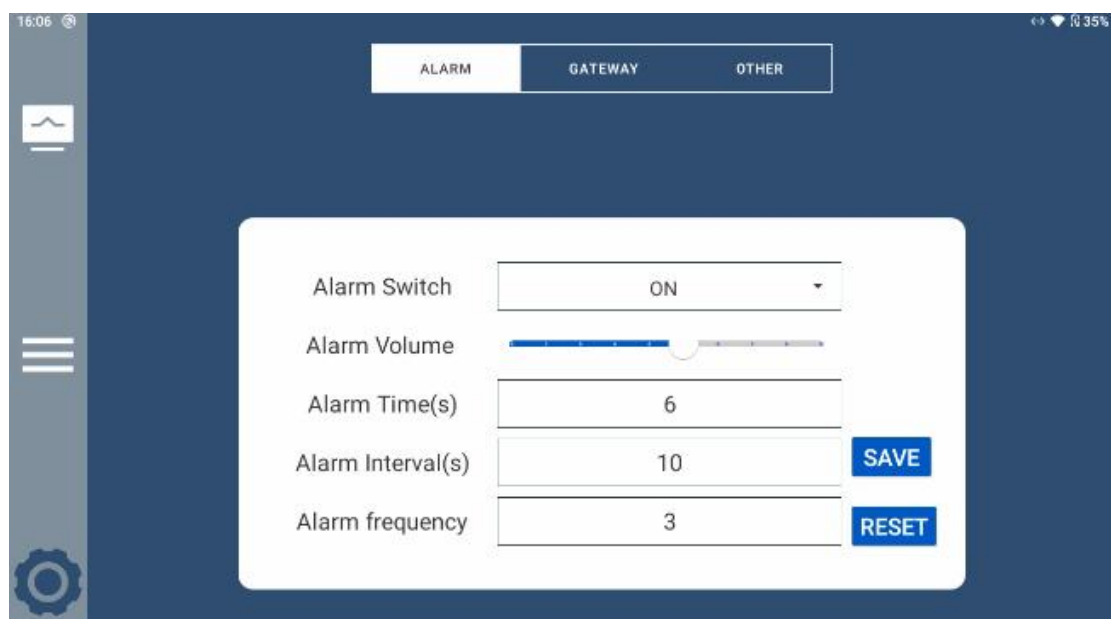
- Gateway auto-syncs at scheduled times



6) Settings - Alarm Configuration

a. Configure Alarms

- Navigate: Settings → Alarm Settings
- Complete configuration form
- Click Save → "Save Successful" confirms



7) Settings - Gateway Configuration

a. Gateway Settings

- Navigate: Settings → Gateway Settings
- Modify parameters as required
- Click Save → "Save Successful" confirms

Navigation: Settings → GATEWAY → SAVE

ALARM GATEWAY OTHER

Data reporting: true

Data retention time: 90

Max quantity equipment: 60

SAVE RESET

8) Settings - Other

a. Other

Navigation: Settings → OTHER

ALARM GATEWAY OTHER

Software version 1.1.14

Network Settings Enter

Reboot/Shutdown Show

System More Settings Enter

Historical data clearing Clear

Developer options Enter

About Show

b. Firmware Version

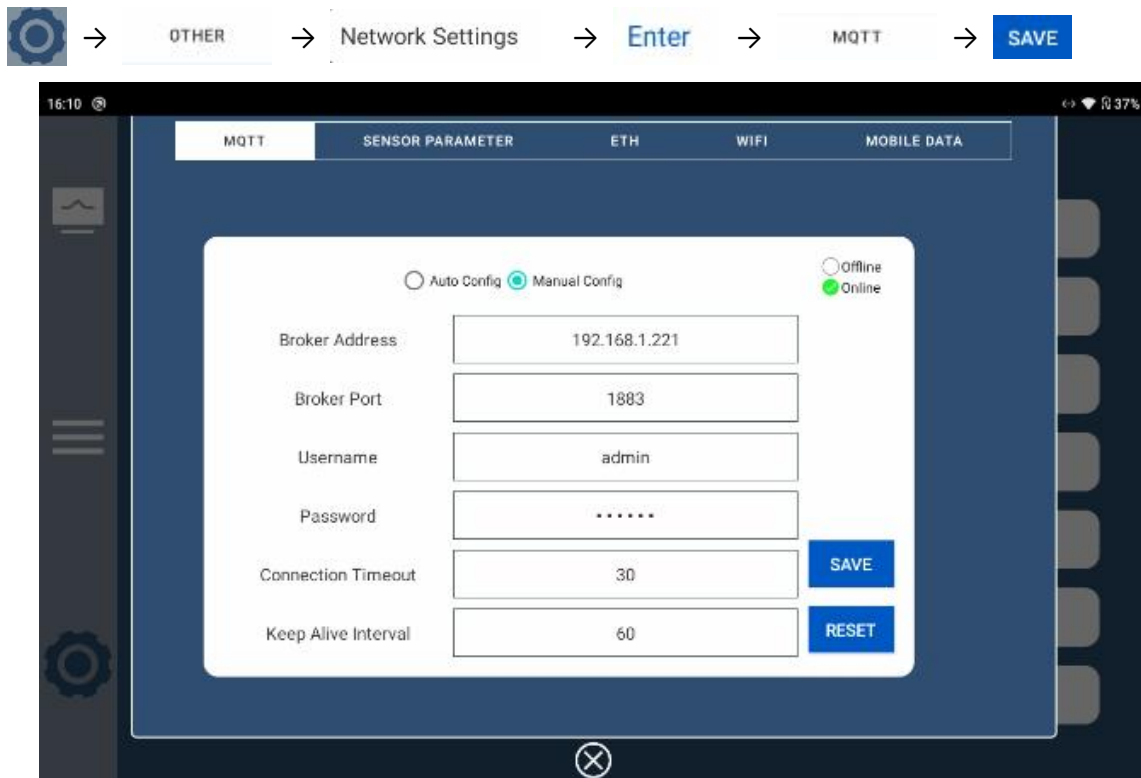
- Navigate: Settings → Gateway Settings

- First item displays Software Version (gateway firmware)

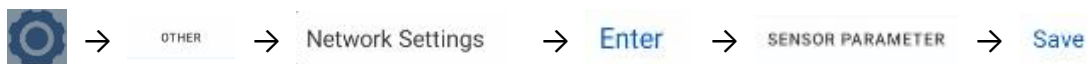


c. Network Configuration

- MQTT Settings
 - Path: Other → Network Settings → MQTT
 - Complete MQTT form → Save
 - Connection confirmed when Online status activates



- Sensor Parameters
 - Path: Other → Network Settings → Sensor Config
 - Configure parameters → Click Save per section
 - "Save Successful" + parameters deployed



16:12

MQTT SENSOR PARAMETER ETH WIFI MOBILE DATA

Device(1.0) bind/unbind mode parameters [Save](#)

Extpanid 50414E4944303039

channel 17

Device(1.0) work mode [Save](#)

☒ Default ExtpanID ☐ Manually ExtpanID

Extpanid 269B7619E5390005

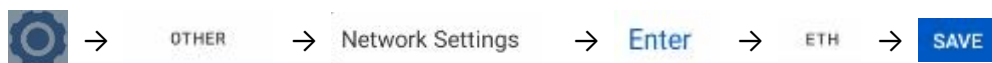
channel 26

Transmitting power(dbm) 10

Access interval(s) 60

➤ Ethernet (ETH) Settings

- Path: Other → Network Settings → ETH
- Configure Ethernet → Save



16:13

MQTT SENSOR PARAMETER ETH WIFI MOBILE DATA

☒ ON ☐ OFF

☐ Dynamic ☒ Static

IP 192.168.0.249

Mask 255.255.255.0

Gateway 192.168.0.1

DNS1 114.114.114.114

DNS2 8.8.8.8

MAC 26:9B:76:19:E5:39

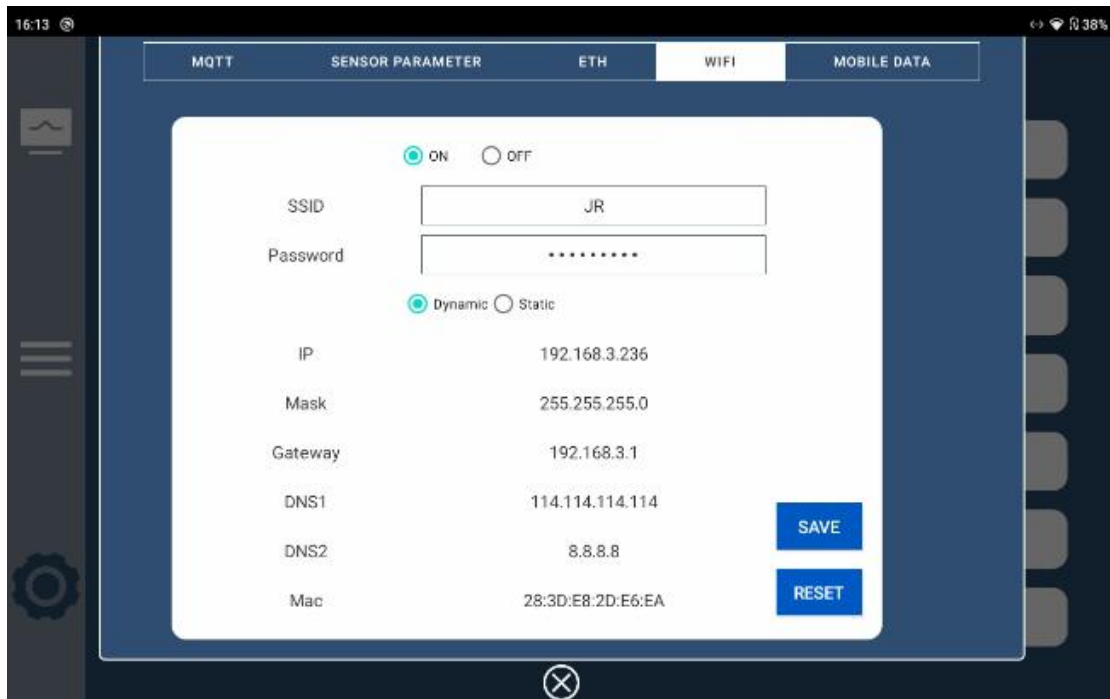
[SAVE](#)

[RESET](#)

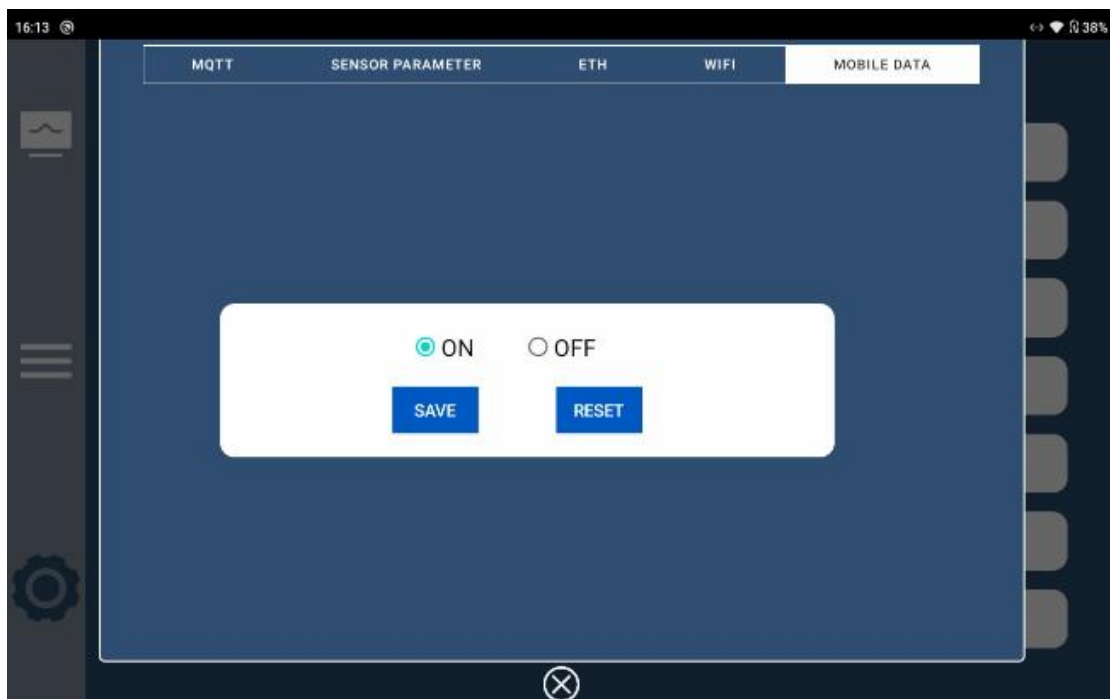
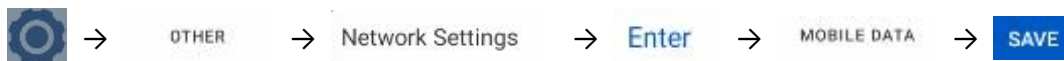
➤ Wi-Fi Settings

- Path: Other → Network Settings → Wi-Fi
- Configure wireless → Save





- Mobile data
 - Path: Other → Network Settings → Mobile data
 - Configure wireless → Save



d. Reboot/Shutdown

- Navigate to Other
- Click Clear next to " Reboot/Shutdown"
- Confirm:
 - Reboot: Restarts gateway

- Shutdown: Powers off



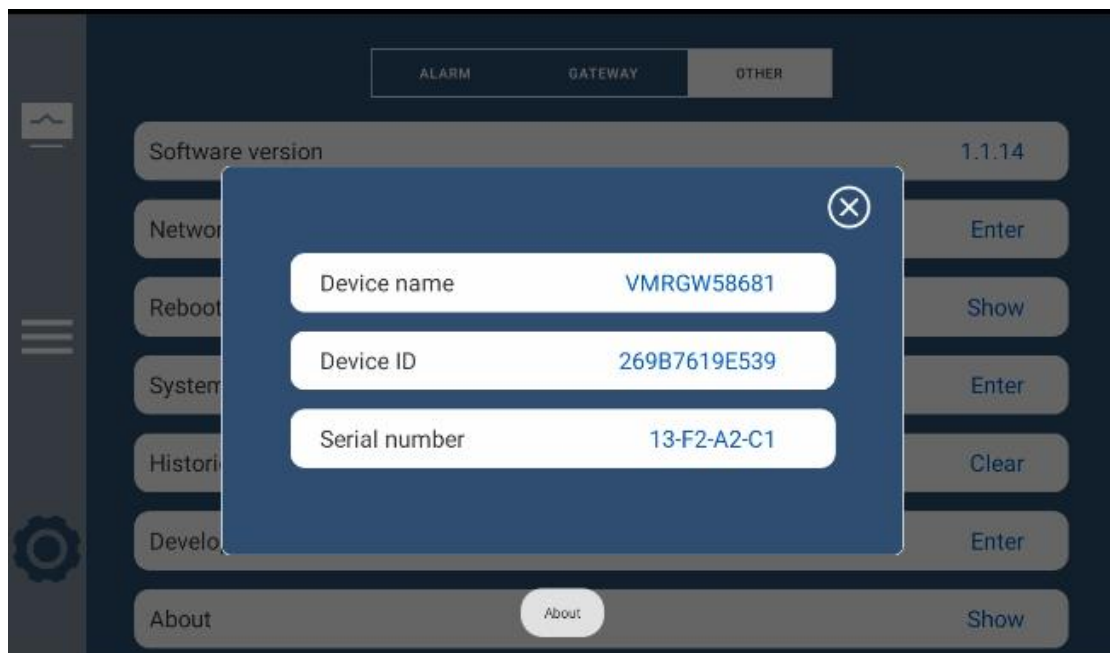
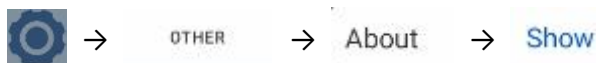
e. Clear Historical Data

- Navigate to Other
- Click Clear next to "Clear History"
- Confirm:
 - Cancel: Aborts operation
 - Confirm: Permanently erases data



f. About Device

- Navigate to Other
- Click View next to "About"
- Displays gateway specs



5. Web Management Platform

Access gateway's web interface via: http://<gateway_IP>:8080. Supports Ethernet/Wi-Fi IPs, for example: <http://192.168.1.254:8080>. The factory default ethernet IP is 192.168.1.254.

1) Login

Firstly, enter the gateway's IP address in your browser and press Enter to access the login page.

Secondly, the platform provides two accounts:

- Admin account/password: admin/123456
- Modbus account/password: modbus/123456

Select the appropriate account based on your requirements (as shown in the screenshot below). Finally, click the Login button to successfully access the gateway's management platform.

2) Admin account login

Android Gateway Manage Platform

Android Gateway Manage Platform

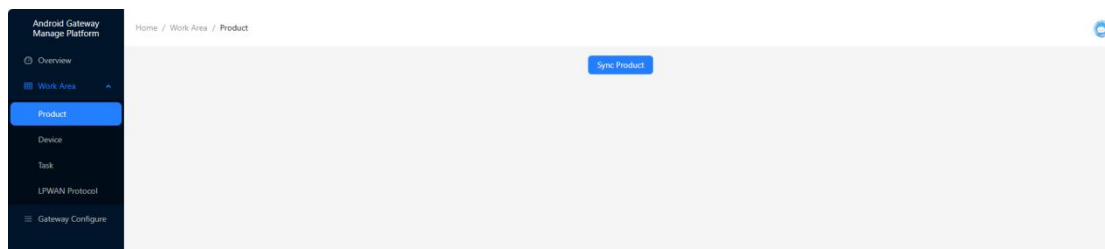
admin

.....

Login

a. Product Library

Firstly, navigate to the left menu item "Workspace - Product Library" to view all products within the gateway, then click the Synchronize Products button to sync products to the gateway.



b. Device List

Firstly, navigate to the left menu item "Workspace - Device List" to view all active devices within the gateway, then click View in the device's action column to access its detail page. Within the device detail page, you can find: Overview/ Properties/Commands/Messages/Events. Finally, the device properties can be read configured and modified.

Home / Work Area / Device

In Use Registered

Device Name: Please enter Device Id: Please enter Product Id: Please enter Reset Query Expand

Device Name	Device Id	Product Id	Status	Update Time	Category	Product	Action
VMRGW35428	CA74AFD8A64	Android-001	Normal	2025-06-17 16:08:34	Gateway	Android网关001	View
VMRCD35428	CA74AFD8A640002	VT501W01	Normal	2025-06-17 16:08:11	Coordinator	ZigbeeCoordinatorV10	View
CL03080254	3E002F0030314701	VT515W03	Normal	2025-06-17 16:08:42	Coordinator	LpwanCollector915	View
VMBT530350	3D1F96A8B03768E	VT517W01	Normal	2025-06-04 09:09:46	BLE Temptag	BLE Internal Probe Temptag	View

Device Detail

Device Name: VMRGW56681 Product: Android网关001 Product Id: Android-001

Overview **Property** Command Message Event

Services: Please enter Property: Please enter

☐	Service	Property	read-write permission	Type	Unit	Current Value	Report Time	Expect Value	Create Time	Explain	Action
☐	Basic	TagSize	Readable/Writable	Enum	-	2	-	2	2024-12-12 17:07:20	页码标签数量	Modify
☐	Basic	GridOrList	Readable/Writable	Enum	-	Grid	2025-02-19 14:02:30	Grid	2024-12-12 17:07:21	网络展示还是列表展示	Modify
☐	Basic	SwitchingTime	Readable/Writable	Enum	-	30	-	30	2024-12-12 17:07:22	切换间隔时间	Modify
☐	Basic	isSwitching	Readable/Writable	Boolean	-	false	2025-02-19 14:02:36	false	2024-12-12 17:07:23	是否智能切换	Modify
☐	Basic	isSmartSort	Readable/Writable	Boolean	-	true	-	true	2024-12-12 17:07:24	是否智能排序	Modify
☐	GNSS	SampleInterval	Readable/Writable	Integer	秒	60	-	60	2024-12-12 17:07:26	GPS采集间隔	Modify
☐	GNSS	Timeout	Readable/Writable	Integer	秒	120	-	120	2024-12-12 17:07:27	超时时间	Modify

In the Device List page:

- To deactivate a device:
 - Select the target device
 - Click Deactivate
 - Successfully deactivated devices will appear under "Device List - Registered Devices"
- To reactivate a device:
 - Go to "Registered Devices" view
 - Select the inactive device
 - Click Activate to restore it to active status

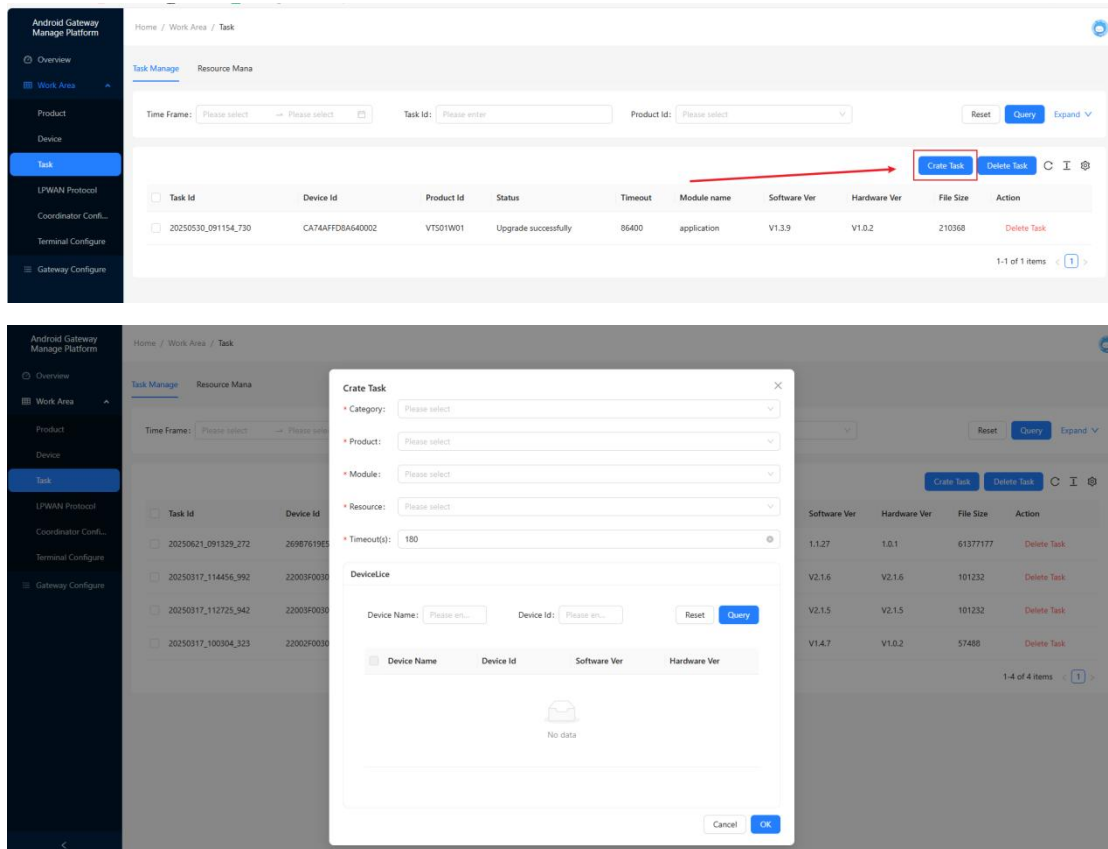
The top screenshot shows the 'In Use' tab. A red box highlights the 'In Use' tab. A red arrow points from the 'In Use' tab to the 'Registered' tab. A red box highlights the 'Deactivate' button. A red arrow points from the 'Deactivate' button to the 'Registered' tab.

The bottom screenshot shows the 'Registered' tab. A red box highlights the 'Registered' tab. A red arrow points from the 'Registered' tab to the 'In Use' tab. A red box highlights the 'Activate' button. A red arrow points from the 'Activate' button to the 'In Use' tab.

c. Tasks

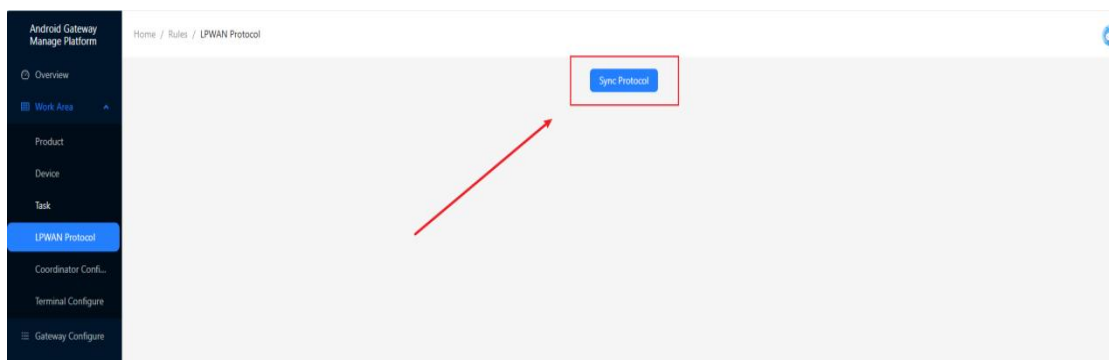
- Firstly, navigate to the left menu item "Workspace - Tasks" to view all tasks within the gateway,
- Create a new task, click the Create Task button on the page,
- Complete the task form as your requirements and click Confirm to finish the task.
- Finally, the new created task will be in the task list. Click Start in the task's action column to

successfully activate it.



d. LPWAN Protocol

Firstly, navigate to the left menu item "Workspace - LPWAN Protocol". Click the Synchronize Protocol button to sync the protocol to the gateway.

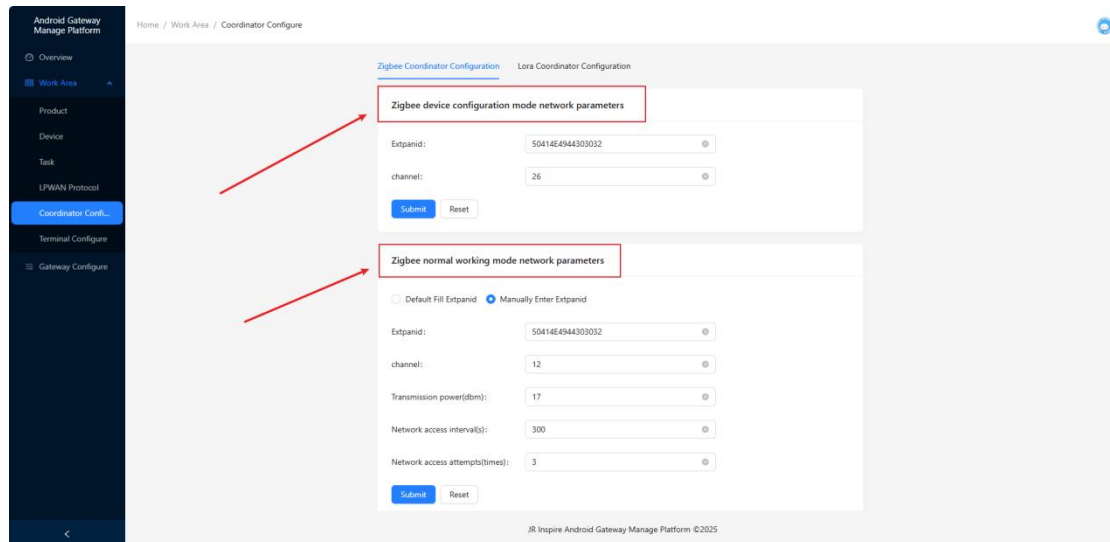


e. Coordinator Configuration

Firstly, navigate to the left menu item "Workspace - Coordinator Configuration". Select the corresponding tab page based on the coordinator type.

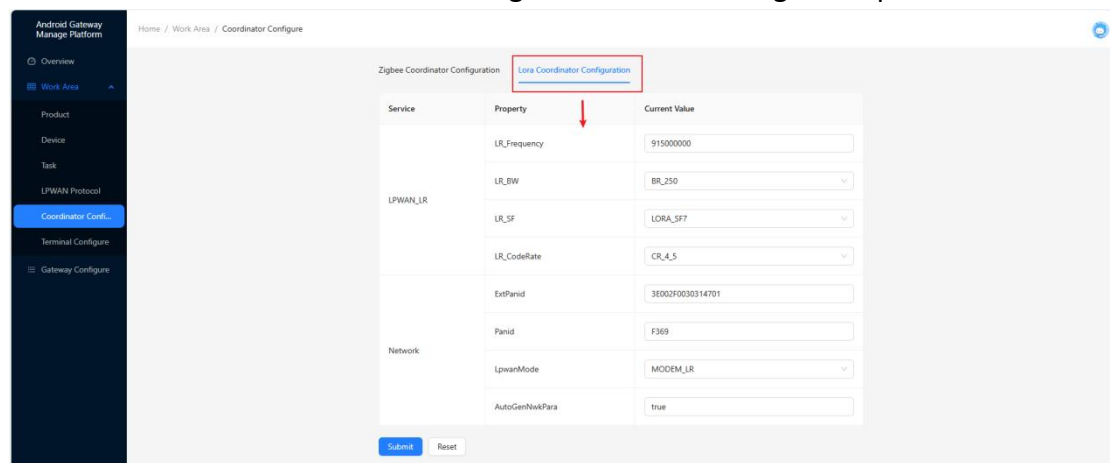
➤ For ZigBee Coordinator:

- Configure network parameters for ZigBee-type devices
- Set operational network parameters during runtime for ZigBee-type devices



➤ For LoRa Coordinator:

- Select the LoRa Coordinator Configuration tab to configure its parameters.



f. Terminal Device Configuration

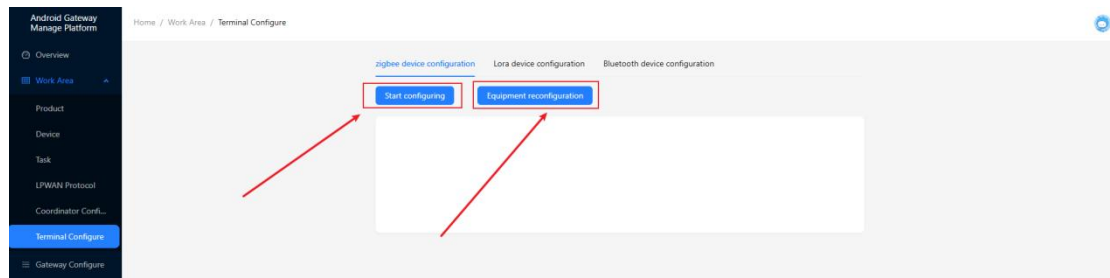
Firstly, navigate to the left menu item "Workspace - Terminal Device Configuration". This page displays three tabs representing:

- **ZigBee devices**
- **LoRa devices**
- **Bluetooth devices**

Select the appropriate tab page based on their device type for configuration/reconfiguration.

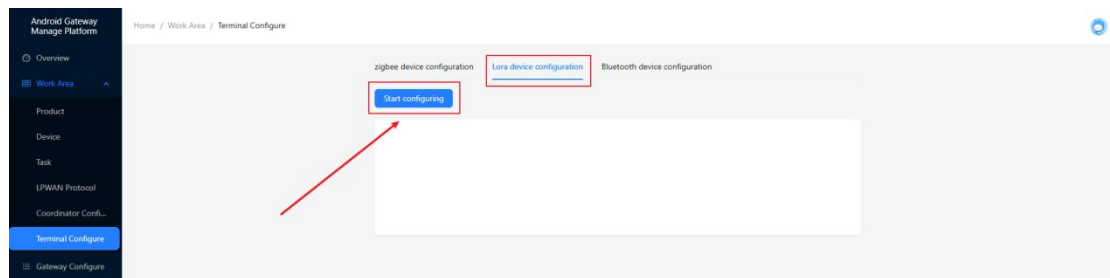
➤ For ZigBee Devices:

- Click **Start Configuration** to add the device to your active gateway in ZigBee Device Configuration page.
- Click **Reconfigure** to modify settings for existing ZigBee devices.



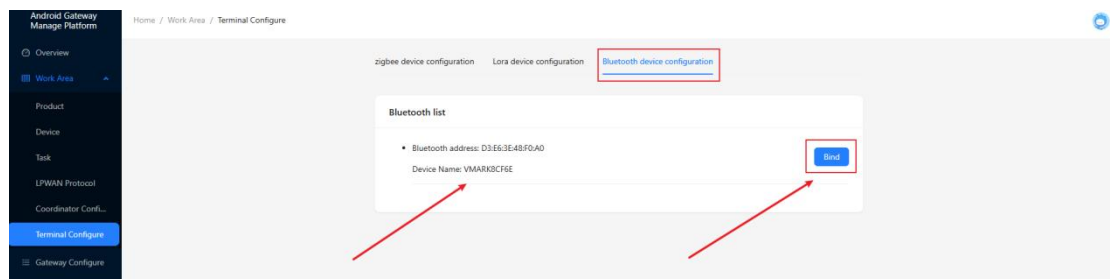
➤ For LoRa Devices:

- Go to the LoRa Device Configuration tab.
- Place the LoRa device within the coverage area of your configuration gateway.
- Click Start Configuration, then update the LoRa device data to complete setup.



➤ For Bluetooth Devices:

- Enter the Bluetooth Device Configuration tab.
- Position the Bluetooth device within the gateway's coverage area and update its data.
- Once detected, the device will appear in the Bluetooth Device List.
- Select the target device and click its Bind button to pair it with your active gateway.



g. Gateway Configuration

➤ Basic Information Operations

Firstly, navigate to the left menu item "Workspace - Gateway Configuration". On this page, you can view the gateway's basic information. Then in the Basic Information panel on the left side of the page, you can enable or disable the automatic network switching setting according to actual needs.

Android Gateway Manage Platform

Home / Work Area / Gateway Configure

Basic Info

Device Name: VMRGW35428

Device Id: CA74AFFD8A64

Serial Number: 8C-C6-16-2C

Auto Switch Net: ☐

Clear Historical Data

Restart Effective Settings

Restart

Restart ADB

Tool Download

Time synchronization

Eth. WIFI 4G MQTT

Switch: ☒ Open ☐ Close

DHCP: ☒ Static ☐ Dynamic

* IP: 192.168.0.245

* Mask: 255.255.255.0

* Gateway address: 192.168.0.1

* DNS1: 8.8.8.8

* DNS2: 114.114.114.114

* MAC: CA:74:AF:FD:8A:64

Submit Reset

Afterward, perform operations using the buttons in the Basic Information panel as required, such as:

- **Clear Historical Data**
- **Apply Settings on Reboot**
- **Reboot**
- **Restart ADB**
- **Download Tools**
- **Time Sync**

Android Gateway Manage Platform

Home / Work Area / Gateway Configure

Basic Info

Device Name: VMRGW35428

Device Id: CA74AFFD8A64

Serial Number: 8C-C6-16-2C

Auto Switch Net: ☐

Clear Historical Data

Restart Effective Settings

Restart

Restart ADB

Tool Download

Time synchronization

Eth. WIFI 4G MQTT

Switch: ☒ Open ☐ Close

DHCP: ☒ Static ☐ Dynamic

* IP: 192.168.0.245

* Mask: 255.255.255.0

* Gateway address: 192.168.0.1

* DNS1: 8.8.8.8

* DNS2: 114.114.114.114

* MAC: CA:74:AF:FD:8A:64

Submit Reset

➤ Network Configuration & Switching

Firstly, navigate to the left menu item "Workspace - Gateway Configuration", where you can view the gateway's basic information and network settings. Then, configure the following connections according to your requirements:

- **Ethernet**
- **Wi-Fi**
- **4G**

- MQTT

Finally, click the Submit button. A 'Setup successful' notification will confirm the configuration.

Android Gateway Manage Platform

Home / Work Area / Gateway Configure

Overview
Work Area
Product
Device
Task
LPWAN Protocol
Coordinator Config...
Terminal Configure
Gateway Configure

Basic Info

Device Name: VMRGW58681
Device Id: 26987619E539
Serial Number: 13-F2-A2-C1

Auto Switch Net: ☐

Clear Historical Data
Restart Effective Settings
Restart
Restart ADB
Tool Download
Time synchronization
Restore factory settings

Eth. WIFI 4G MQTT

Switch: ☒ Open ☐ Close

DHCP: ☒ Static ☐ Dynamic

* IP: 192.168.0.249

* Mask: 255.255.255.0

* Gateway address: 192.168.0.1

* DNS1: 114.114.114.114

* DNS2: 8.8.8.8

* MAC: 26:98:76:19:E5:39

Reset Submit

Android Gateway Manage Platform

Home / Work Area / Gateway Configure

Overview
Work Area
Product
Device
Task
LPWAN Protocol
Coordinator Config...
Terminal Configure
Gateway Configure

Basic Info

Device Name: VMRGW58681
Device Id: 26987619E539
Serial Number: 13-F2-A2-C1

Auto Switch Net: ☐

Clear Historical Data
Restart Effective Settings
Restart
Restart ADB
Tool Download
Time synchronization
Restore factory settings

Eth. WIFI 4G MQTT

Switch: ☒ Open ☐ Close

* SSID: JR

* Password:

DHCP: ☐ Static ☒ Dynamic

IP: 192.168.3.178

Mask: 255.255.255.0

Gateway address: 192.168.3.1

DNS: 114.114.114.114

MAC: 0E:09:F4:3B:53:C8

Reset Submit

Android Gateway Manage Platform

Home / Work Area / Gateway Configure

Overview
Work Area
Product
Device
Task
LPWAN Protocol
Coordinator Config...
Terminal Configure
Gateway Configure

Basic Info

Device Name: VMRGW58681
Device Id: 26987619E539
Serial Number: 13-F2-A2-C1

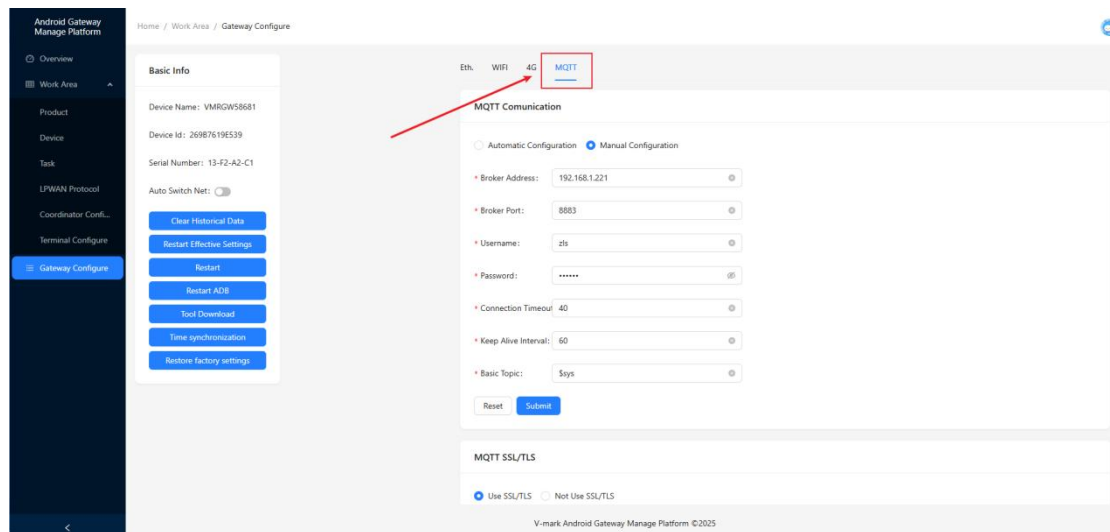
Auto Switch Net: ☐

Clear Historical Data
Restart Effective Settings
Restart
Restart ADB
Tool Download
Time synchronization
Restore factory settings

Eth. WIFI 4G MQTT

Switch: ☒ Open ☐ Close

Reset Submit



3) Modbus account login

Android Gateway Manage Platform

Android Gateway Manage Platform

Login

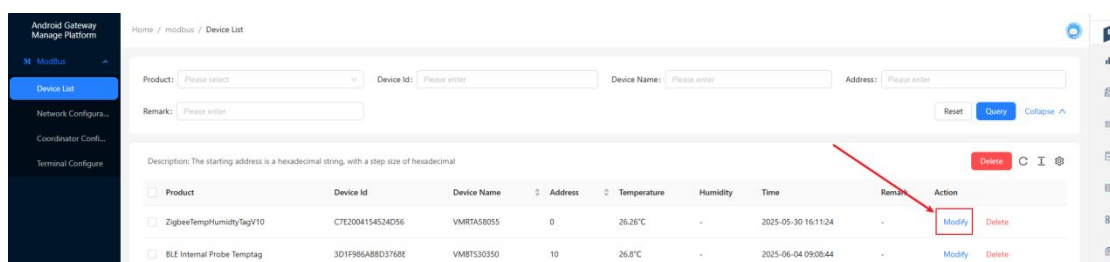


a. Device List

Firstly, navigate to the left menu item "Modbus - Device List". On this page, you can view the device data within the gateway (the data in this list is automatically generated after successful device configuration on the "Modbus - Terminal Device Configuration" page).

Next, click Modify to edit device-related information.

Finally, to delete a device, use either the Single Delete or Batch Delete button.



modbus

Product: ZigbeeTempHumidityTagV10

* Device Id: C7E2004154524D56

Device Name: VMRTA58055

* Address: 0

Remark: Please enter

Cancel OK

Device Name: Please enter

Address: Please enter

Reset Query Collapse

Delete

Device Name	Address	Temperature	Humidity	Time	Remark	Action
TA58055	0	26.26°C	-	2025-05-30 16:11:24	-	Modify Delete
TS30350	10	26.8°C	-	2025-06-04 09:08:44	-	Modify Delete
TG00514	20	256°C	-	2025-06-03 03:31:08	-	Modify Delete
TA00059	-	27.27°C	56.61%	2025-05-06 18:07:24	-	Modify Delete

1-4 of 4 items < 1 >

b. Network Settings

➤ Basic Information Operations

Firstly, navigate to the left menu item "Modbus - Gateway Configuration". On this page, you can view the gateway's basic information.

Android Gateway Manage Platform

Modbus

Device List

Network Configuration

Coordinator Configuration

Terminal Configuration

Home / modbus / Network Configuration

Basic Info

Device Name: VMRGW3542B

Device Id: CA74AFDBA64

Serial Number: 8C-C6-16-2C

Clear Historical Data

Restart Effective Settings

Restart

Restart ADB

Tool Download

Time synchronization

Eth. WiFi

Switch: ☒ Open ☐ Close

DHCP: ☒ Static ☐ Dynamic

* IP: 192.168.0.245

* Mask: 255.255.255.0

* Gateway address: 192.168.0.1

* DNS1: 8.8.8.8

* DNS2: 114.114.114.114

* MAC: CA74AFDBA64

Submit Reset

Afterward, you may perform operations using the buttons in the basic information panel as needed, such as:

- **Clear Historical Data**
- **Apply Settings on Reboot**
- **Reboot**
- **Restart ADB**
- **Download Tools**
- **Time Sync (with NTP server)**

Android Gateway Manage Platform

Modbus

Device List

Network Configuration

Coordinator Configuration

Terminal Configuration

Home / modbus / Network Configuration

Basic Info

Device Name: VMRGW3542B

Device Id: CA74AFDBA64

Serial Number: 8C-C6-16-2C

Clear Historical Data

Restart Effective Settings

Restart

Restart ADB

Tool Download

Time synchronization

Eth. WiFi

Switch: ☒ Open ☐ Close

DHCP: ☒ Static ☐ Dynamic

* IP: 192.168.0.245

* Mask: 255.255.255.0

* Gateway address: 192.168.0.1

* DNS1: 8.8.8.8

* DNS2: 114.114.114.114

* MAC: CA74AFDBA64

Submit Reset

➤ Network Configuration & Switching

Firstly, navigate to the left menu item "Modbus - Gateway Configuration", where you can view the gateway's basic information and network settings. Then configure Ethernet or Wi-Fi connections according to your requirements.

Finally, after completing the settings, click the Submit button. A pop-up notification saying "Setup successful" will confirm the configuration.

The image displays two screenshots of the "Android Gateway Manage Platform" interface, specifically the "Network Configuration" page. The left sidebar contains a menu with options: "Modbus", "Device List", "Network Configuration" (highlighted), "Coordinator Configuration", and "Terminal Configuration".

The top screenshot shows the "Basic Info" section on the left with fields for "Device Name: VMRGW58681", "Device Id: 26987619E539", and "Serial Number: 13-F2-A2-C1". Below these are buttons for "Clear Historical Data", "Restart Effective Settings", "Restart", "Restart ADB", "Tool Download", "Time synchronization", and "Restore factory settings". The main area has two tabs: "Eth." (selected) and "WIFI". The "Eth." tab shows settings for "Switch" (Open/Close), "DHCP" (Static/Dynamic), "IP" (192.168.0.249), "Mask" (255.255.255.0), "Gateway address" (192.168.0.1), "DNS1" (114.114.114.114), "DNS2" (8.8.8.8), and "MAC" (26:98:76:19:E5:39). A red arrow points to the "Eth." tab. At the bottom are "Reset" and "Submit" buttons.

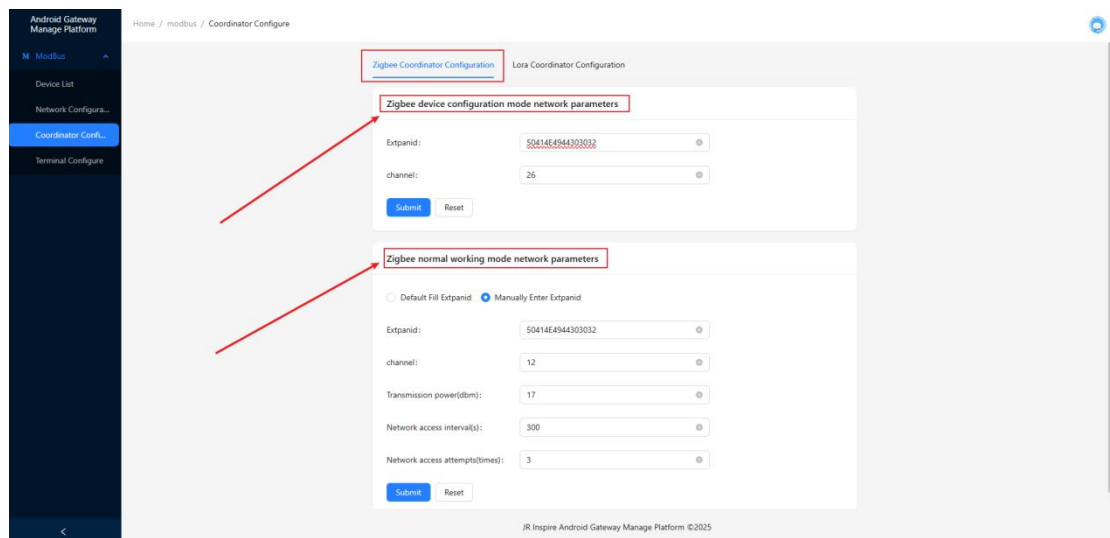
The bottom screenshot shows the same interface but with the "WIFI" tab selected. The "WIFI" tab shows settings for "Switch" (Open/Close), "SSID" (JR), "Password" (masked), "DHCP" (Static/Dynamic), "IP" (192.168.3.178), "Mask" (255.255.255.0), "Gateway address" (192.168.3.1), "DNS" (114.114.114.114), and "MAC" (0E:09:F4:3B:53:C8). It also has "Reset" and "Submit" buttons at the bottom.

c. Coordinator Configuration

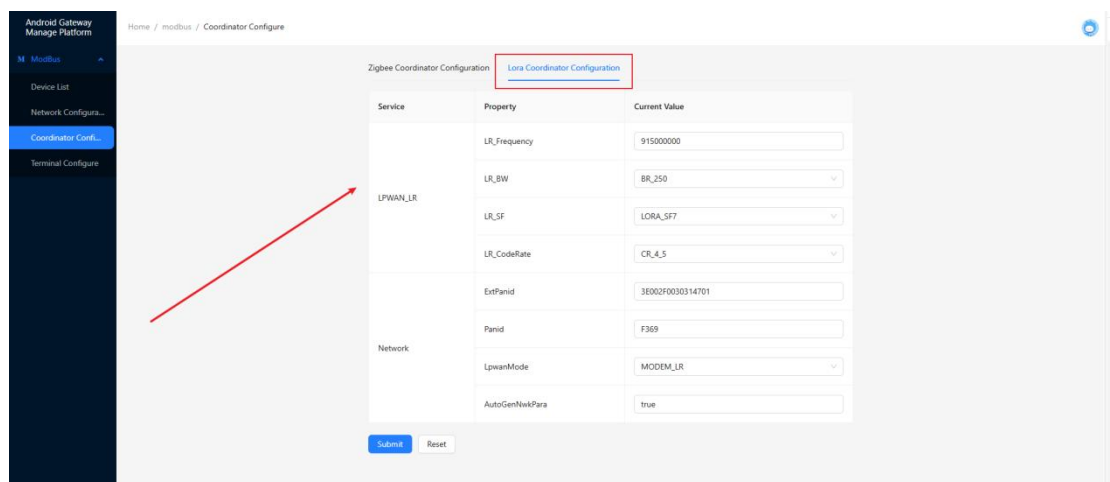
First, navigate to the left menu item "Modbus - Coordinator Configuration".

After entering this page, you can select the corresponding tab based on the coordinator type to configure the coordinator. Then, for ZigBee coordinator configuration, as below,

- Configure the network parameters for ZigBee-type devices
- Configure the operational network parameters for ZigBee-type devices during runtime.



Finally, if the coordinator is LoRa type, select the LoRa Coordinator Configuration tab to configure the coordinator.

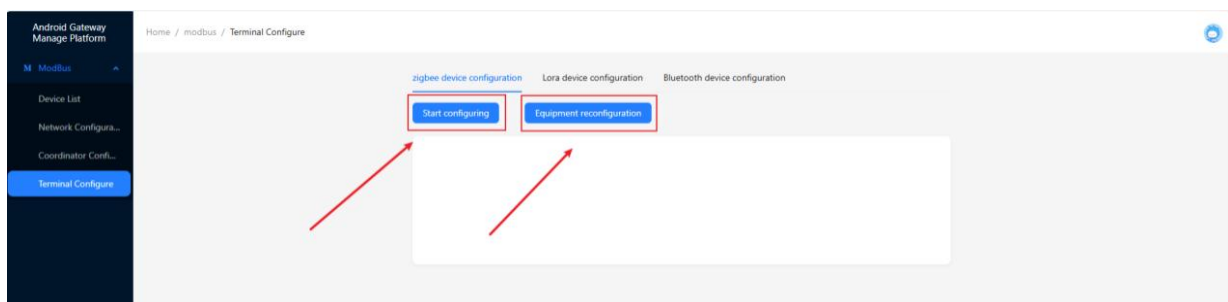


d. Terminal Device Configuration

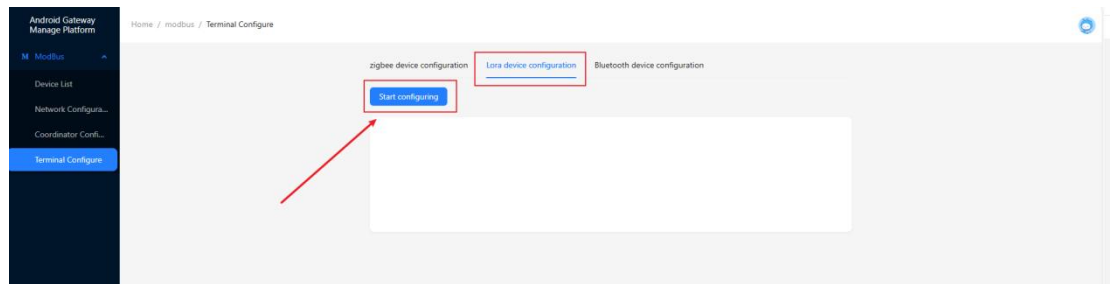
Firstly, navigate to the left menu item "Modbus - Terminal Device Configuration". On this page, you will see three different tabs representing ZigBee type, LoRa type, and Bluetooth type device configuration. Users can select the corresponding tab based on the actual device type to perform configuration or reconfiguration operations.

Then, within the ZigBee type tab, click the Start Configuration button to configure the ZigBee type device onto the gateway in use.

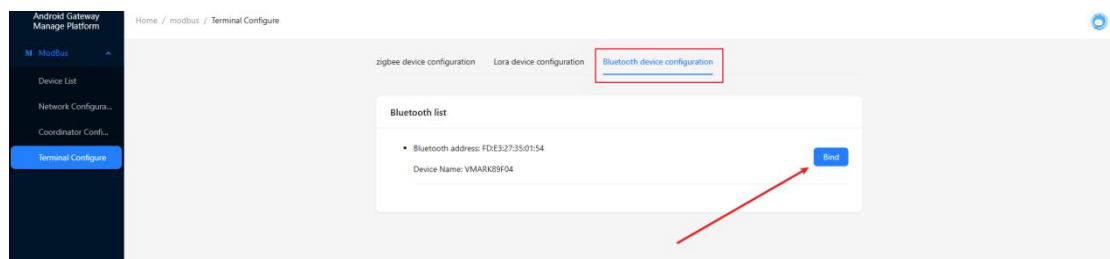
Finally, within the ZigBee type tab, click the Reconfigure button to perform reconfiguration on the ZigBee type device.



If the device is LoRa type, enter the LoRa device configuration tab. Place the LoRa type device within the coverage area of the configuration gateway. After clicking the Start Configuration button, update the LoRa type device data to perform the configuration operation.



If the device is Bluetooth type, enter the Bluetooth device configuration tab. Place the Bluetooth type device within the coverage area of the configuration gateway and update the Bluetooth device data. Once the gateway receives the device's data, it will be displayed in the Bluetooth device list. Select the device to be configured and click the corresponding Bind button to configure it onto the gateway in use.



6. Packing List

Component	Quantity
Gateway Unit	1
User Manual	1
Power Adapter	1
Gateway Holder	1

7. Product Warranty Terms

Thank you very much for choosing V-MARK products. All products purchased from our company come with a three-year warranty period from the date of purchase. Users can enjoy warranty services by presenting the purchase contract or invoice during the warranty period.

1) Warranty Coverage

- If a fault occurs during normal use within 7 days of purchase, consumers can choose refund, replacement, or repair services.
- Consumers who purchase our products can enjoy free warranty services for non-human damage within three years.

- For consumers who do not qualify for free replacement or warranty services, our company still provides technical services at a certain cost.
- The purchase date is based on the invoice or contract date issued by our company.

2) Exclusions from Warranty Coverage

- Any damage caused by human factors or use in non-standard working environments, failure to follow the user manual or instructions.
- Unauthorized disassembly, repair, or modification of the product by the user.
- Damage caused by transportation after purchase.
- Damage caused by other force majeure (such as floods, fires, lightning, earthquakes, etc.).
- Normal wear and tear, aging, cracking, and staining.
- Products not belonging to our company (e.g., counterfeit products).
- Products without valid purchase proof.

3) After-Sales Service

- Provide remote technical support such as phone, internet, etc.
- Regular follow-up on usage during the warranty period.
- Other warranty matters are executed according to national three-guarantee regulations.

4) Product Warranty Card

Product Name: _____

Product Model: _____

Purchase Date: _____

Contact Phone: _____

Repair Record: _____

5) Contact Information

V-Mark Enterprises Ltd.

Address: 400-601 West Broadway Vancouver BC Canada V5Z 4C2

Phone: 604.588.6178

Email: info@v-mark.com

8. Authentication Information

FCC ID:2BBTA-VGW12W0X24G

Contain FCC ID:XMR201909EC25AFX

9. FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

NOTE 2: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.