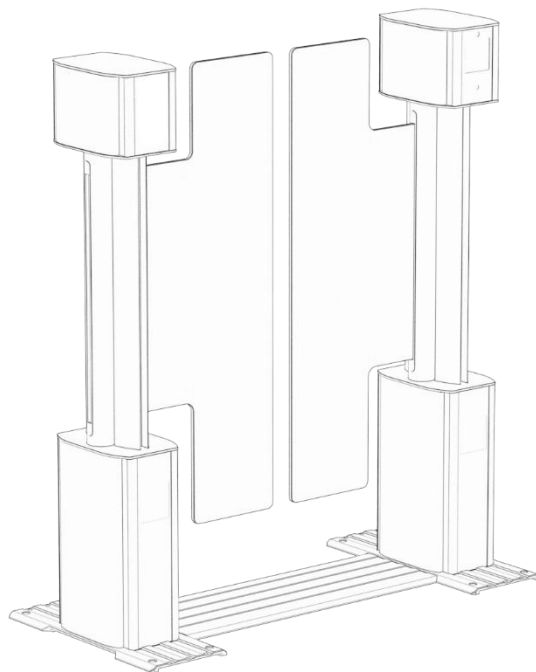


E256X/E257X Series Compact Speed Gate

INSTALLATION AND INITIALIZATION

Rev 05



Revisions

Revision	Date	Author	Checked	Nature
00	2025-12-22			Initial version
01	2026-1-22			Simplify the initialization procedure
02	2026-3-17			Add packaging list
03	2026-5-4			New easy installation accessories
04	2026-6-2			Modify according to the initialization procedure of the new-version Setup App.
05	2026-8-11			Layout adjustment for chart contents

1 Model Selection	6
2 List of Packaging and Accessories	7
3 Install Easy Installation Accessories	9
4 Install Cabinets	11
5 Connect Cables	14
5.1 Connect Power Cables	15
5.2 Connect Network Cables	16
5.3 Connect Security Signal Cable	16
5.4 Connect Cables of Third-party Devices	17
6 Install Glass Panels	18
6.1 Install Lane Glass Panels	18
6.2 Install Wall-side Partition Glass Panel	18
7 Install Lane Partition Accessories	20
7.1 Install Extension Plates	20
7.2 Install Support Posts	20
7.3 Install Lane Partition Panel	21
8 Complete the Installation	23
9 Initialization	24
9.1 Set Up Company	24
9.1.1 Gate Mgmt Software	24
9.1.2 Integrator Login	24
9.1.3 Set Up Company	25



9.2 Prepare for Initialization	26
9.2.1 Initialization Tool	26
9.2.2 Authorization for Gate Initialization	27
9.2.3 User Login	28
9.3 Ensure Status of Gate	30
9.4 Gate Initialization	30
9.5 Initialize Each Lane	33
9.6 Network Configuration	36
9.7 Initialization of a/b Security Gate	37
10 Other Configurations and Operations	39
10.1 Initialization Records	39
10.2 Lane Function Commissioning	39
10.2.1 Lane Detection Test	41
10.2.2 Lane Detection Calibration	41
10.2.3 Open & Close Test	42
10.2.4 Closed Position Calibration	42
10.2.5 Set Closed Position	42
10.2.6 Location Sync	43
10.3 Cabinet Operations	43
10.3.1 Reboot	44
10.3.2 Power Off	44
10.3.3 Motor Stop/Resume	44



10.3.4 Factory Reset	45
10.3.5 Cabinet Information	45
10.4 Power Off of Cabinet	46
11 Bluetooth Remote Controller	47
11.1 Activation and Pairing	47
11.2 Functions	48
12 Remote Control on Mobile Phone	49
12.1 Authorization	49
12.2 Install <i>Open Sesame</i> App	50
12.3 Functions	50
13 Local Server	52

1 Model Selection

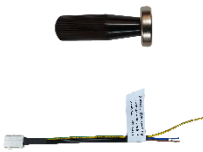
Before equipment selection, please refer to the document

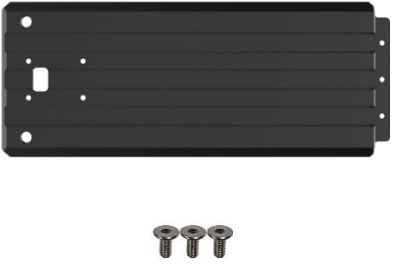
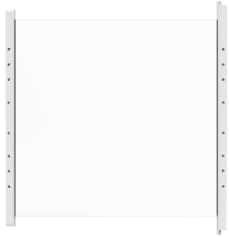
[FeaturesAndTechnicalSpecifications-E25XX](#) to confirm the parameters and configurations of the following items:

Items	Description
Model of cabinet	Select the E256X or E257X series products based on the height of the cabinet and the top edge of the glass panel. Refer to Section "2. Cabinet ".
Installation method	Select the installation method (quick installation, simplified installation, or standard installation) based on site conditions. Refer to Section "4. Installation Accessories".
Glass panel model for each lane	Select the glass panel model based on the clear width of each lane. Refer to Section "3. Glass Panel".
Wall partition glass model (optional)	If partition glass is required to fill the gap beside the wall, select an appropriate model from the glass panel options based on the width of the gap. Refer to Section "3. Glass Panel".
Lane partition accessories (optional)	Use the lane partition accessories for lane partition or third-party equipment front-mounting. Refer to Section "4.3. Lane Partition Accessories".
Smart control terminal TS14 (optional)	Select as needed. Refer to Section " 6.9. Desktop Access Controller - TS14 ".
Information collection tool 2007Kit (optional)	Select as needed. Refer to Section "6.11. Information Collection Tool - 2007Kit ".
Bluetooth remote controller PM2308 (optional)	Select as needed. Multiple remote controls can be optionally configured. Refer to Section "6.10. Bluetooth Remote Controller - PM2308".
Local server (optional)	If the user requires a local server deployment, a dedicated server host must be selected. For specific parameters of the host, refer to Section "13. Local Server" of this document.

If users need to consider integration with third-party devices, please refer to the document [Third-Party Integration Solutions](#) and select an appropriate third-party device integration solution.

2 List of Packaging and Accessories

Category	Model	Accessories	Diagram of the attachment
Cabinet	E2562, E2572	1x Magnetic tool for decorative strip removal 1x Power cable	
	E2563, E2573	1x Magnetic tool for decorative strip removal	
Glass panel Wall-side partition glass panel	DGD55-6 ~ DGD110-6 DGD55-7 ~ DGD110-7		
Cabinet Base Plate	WXL (for quick installation)	4x M10 fixing screws	
	WXS (for simplified installation and standard installation)	4 x M10 fixing screws	
Inter-lane plate (cables included)	WX55~WX110	4 x M6 screws for connecting cabinet base plate 6x M8 screws for fixing	

		cabinet	
Extension Plate	WXE	3 x M6 screws for connecting cabinet base plate	
Support Post	SP	4 x M12 screws for fixing SP	
Lane Partition Glass Panel	PG-6/7		
Standard installation accessories		Power cable Network cable 4x leveling screws 4x expansion bolts	
Functional accessories	2007Kit NFC reader	1x Dedicated USB cable	
	PM2308 Bluetooth remote controller	1x Dedicated charging cable	

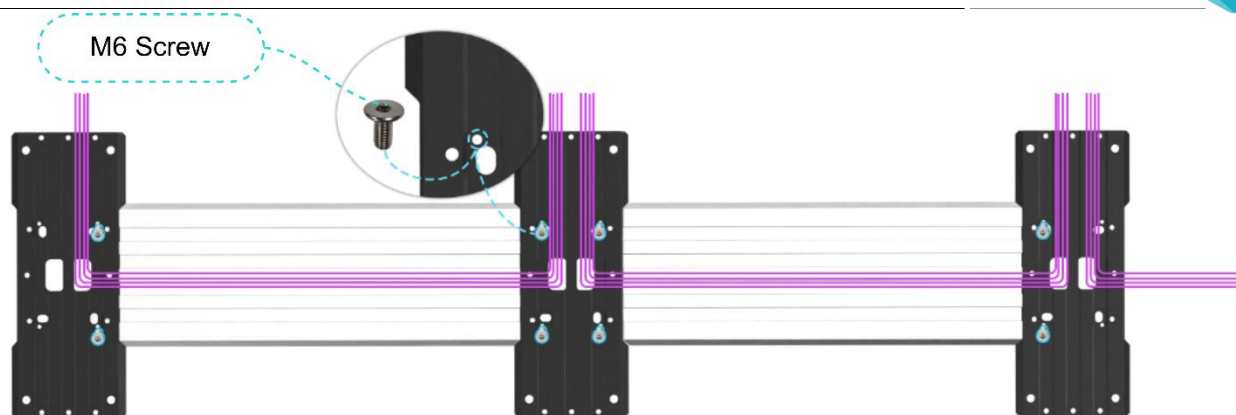
3 Install Easy Installation Accessories

All three installation methods (quick installation, simplified installation, and standard installation), require the use of easy installation accessories. Key points are as follows:

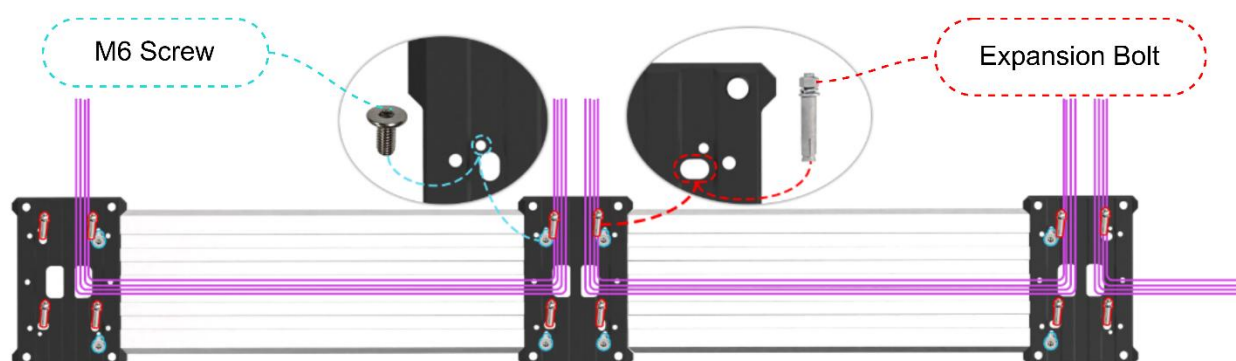
- 1) For the quick installation method, use the model named **WXL** to install cabinet; for both simplified and standard installation methods, use the model named **WXS** to install cabinet.
- 2) Both quick installation and simplified installation require the use of inter-lane plates (**WX55 ~ WX110**).
- 3) For simplified and standard installation methods, **anchor bolts** must be used to secure the mounting base to the floor.

The installation procedure for the cabinet base plates and inter-lane plates is as follows:

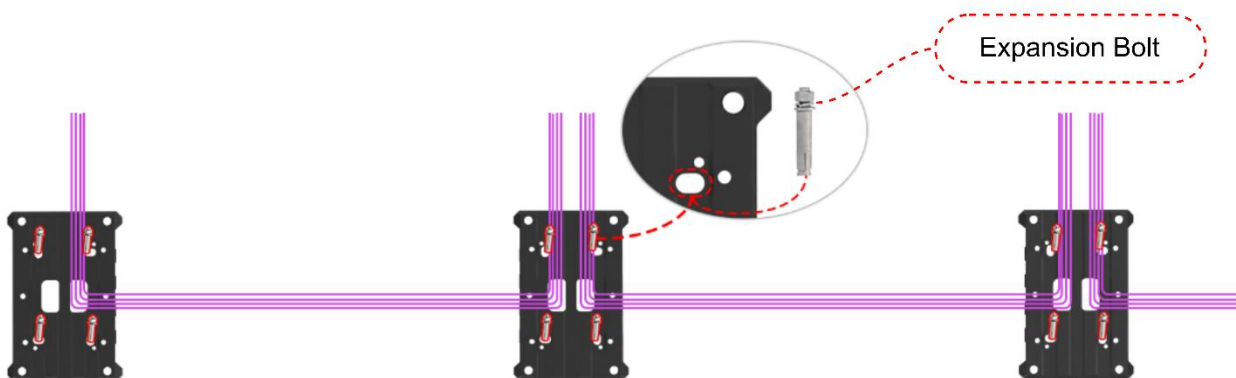
- 1) Place the cabinet base plates and the inter-lane plates on the floor. Route the wiring harness from the inter-lane plates through the corresponding hole on the same side of the cabinet base plates (as indicated by the purple cable). Ensure that neither the base plates nor the inter-lane plates pinch or press against the wiring harness.
- 2) Assemble the base plates and the inter-lane plates together, and secure them using M6 screws as shown in the illustration.
- 3) If using a WXS mounting base, anchor it to the floor using expansion bolts.



Install Cabinet Base and Inter-lane Plates - Quick Installation



Install Cabinet Base and Inter-lane Plates - Simplified Installation

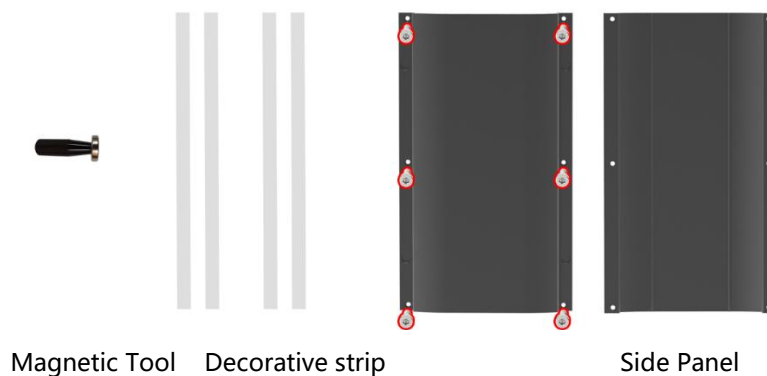


Install Cabinet Base Plates - Standard Installation

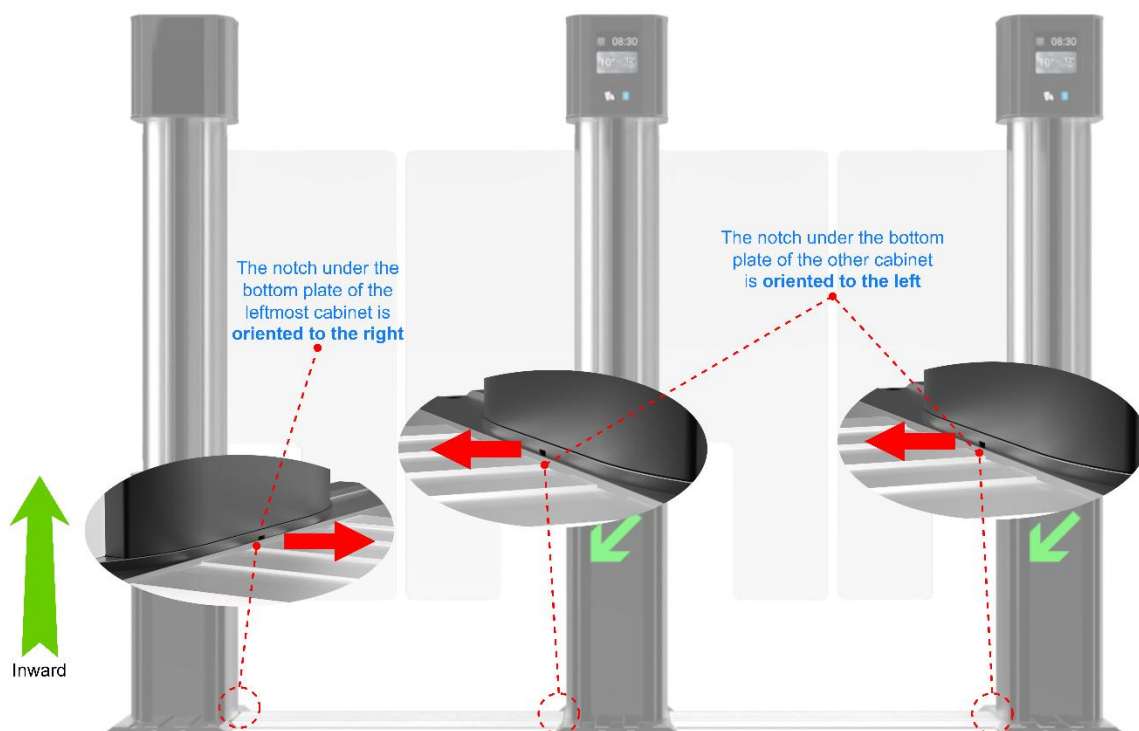
4 Install Cabinets

The cabinets installation procedure is as follows:

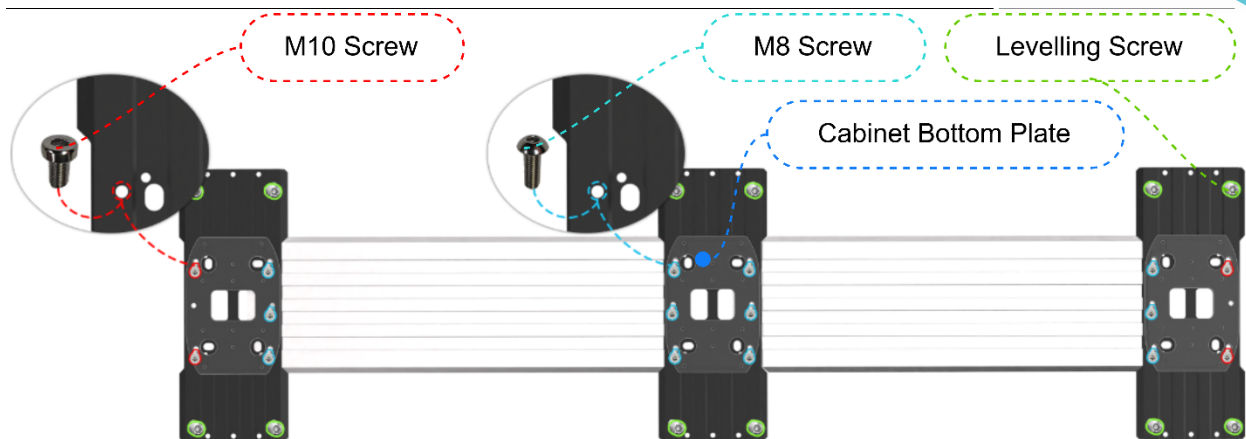
- 1) Use a magnetic tool to remove the four decorative strips from the protective panels of the equipment compartment located at the bottom of the cabinet.
- 2) Use a 3mm Allen wrench to remove the side protective panels of the bottom equipment compartment.



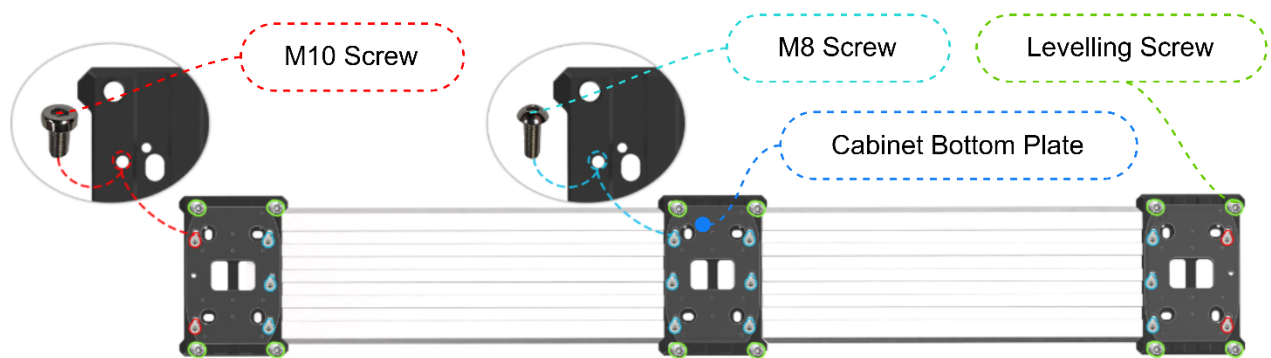
- 3) Determine the default entry direction—ensure that all lanes in a set of speed gates share the same entry direction. When viewed from the entry direction, the central notch on the cabinet base plate should face left, except for the leftmost cabinet. Place the cabinet onto the WXL mounting base as shown in the illustration below.



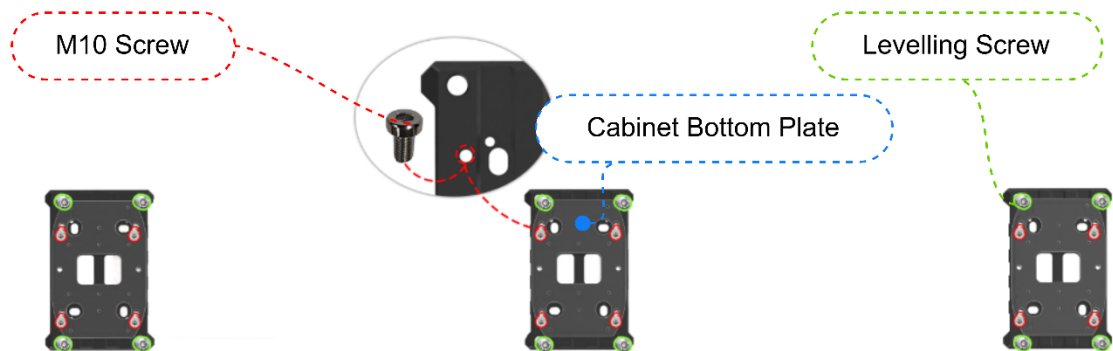
- 4) Use the M10 screws and M8 screws provided in the mounting base packaging to secure the cabinet.
- 5) Adjust the leveling screws to ensure the entire machine is level.



Install Cabinet - Quick Installation



Install Cabinet - Simplified Installation

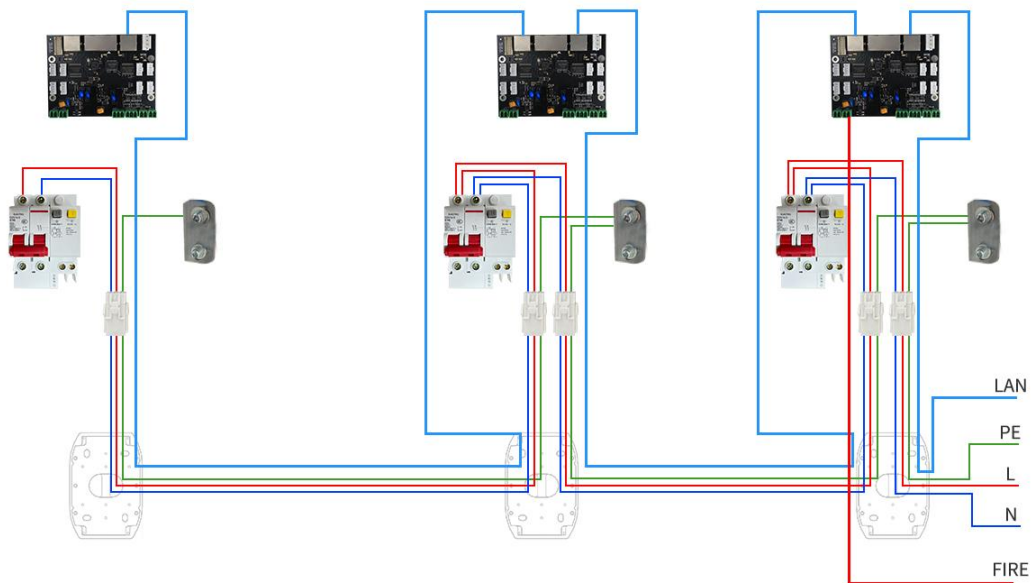


Install Cabinet - Standard Installation

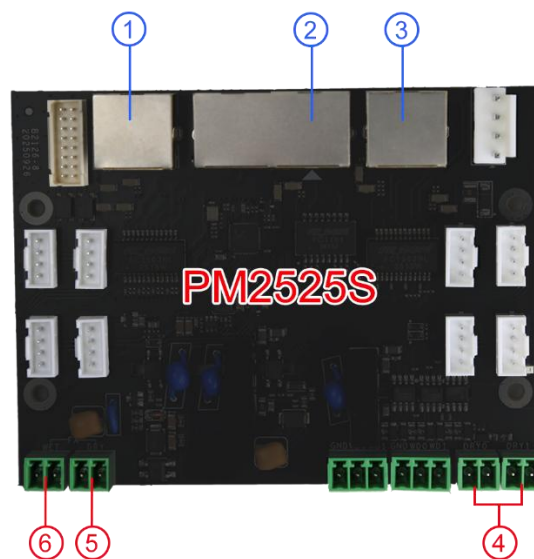
5 Connect Cables

The power cables (L/N/PE) and network cables should be connected in a daisy chain manner, while the security signal wires should be connected to the nearest terminal.

The connection diagram is as follows:



The interface and connection relationships of the Interface Expansion Module PM2525S are described as follows:



- ①. RJ45 Ethernet port, connect the left or right cabinet with daisy-chain;
- ②. RJ45 Ethernet port (with 12V/1A power supply), empty;
- ③. RJ45 Ethernet port, connect the left or right cabinet with daisy-chain;
- ④. Relay, connected to a third-party access control controller;
- ⑤. Dry contact, connected to the fire alarm signal;
- ⑥. Wet contact, connected to the fire alarm signal.

5.1 Connect Power Cables

When the cabinet is shipped from the factory, two sets of wire connectors have been pre-wired from the internal circuit breaker, one set is connected to the incoming wire connector and one set is connected to the outgoing wire connector. Generally, it is only necessary to connect the cable connectors and connect it in a daisy-chain configuration.

The power cable connector is shown in the following figure:

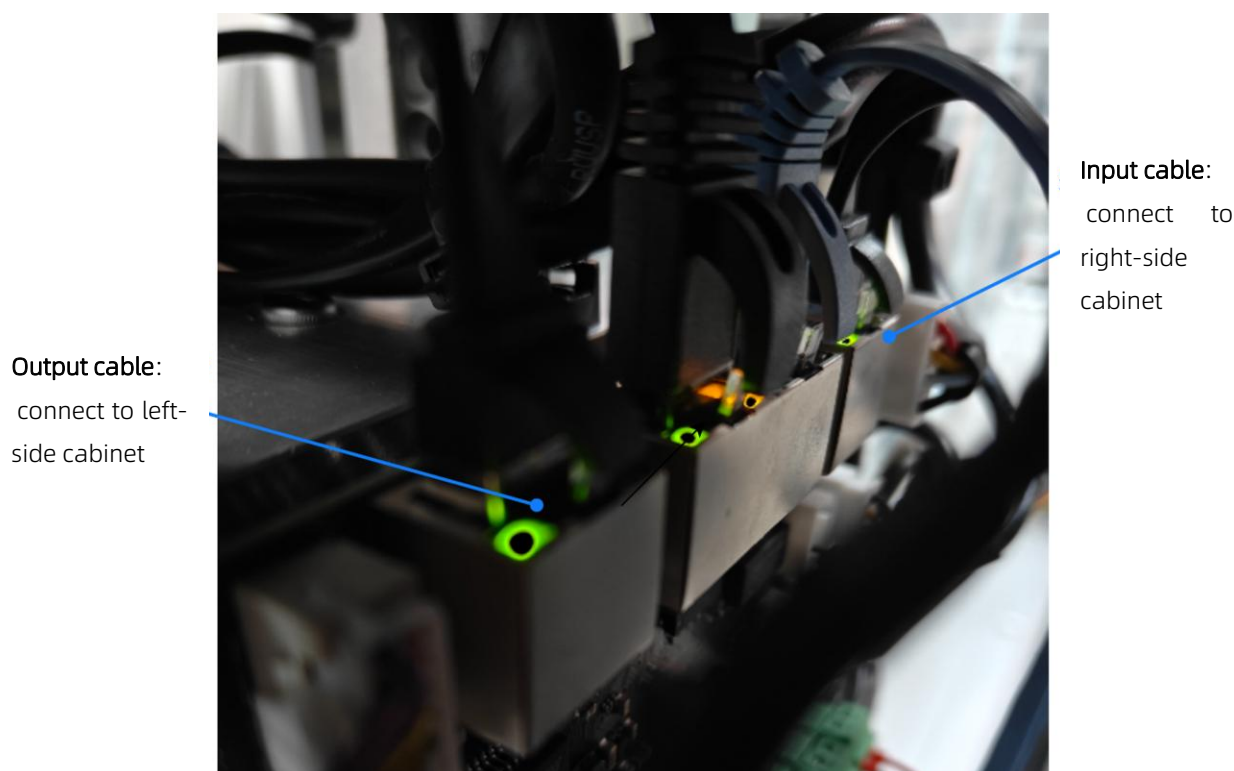


A set of incoming cables (as shown below) is provided to facilitate the connection of the incoming cable (terminal blocks are recommended at the end of the incoming cable).



5.2 Connect Network Cables

The connected network cable is shown in the following figure:

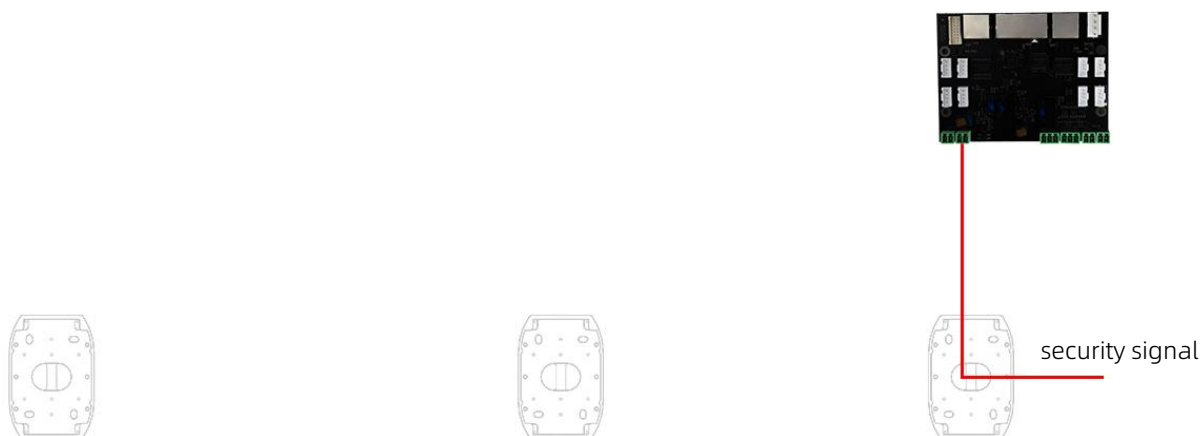


5.3 Connect Security Signal Cable

The security signal cable only needs to be connected to the cabinet on the left or right side of the wall.

Insert the security signal wire terminal into the green dry contact or wet contact for security signals located on the lower end of the interface expansion module PM2525S. Connect the wiring according to the type of signal source: Connect passive

(dry) switch signals to the dry contact; Connect active (powered) switch signals to the wet contact.



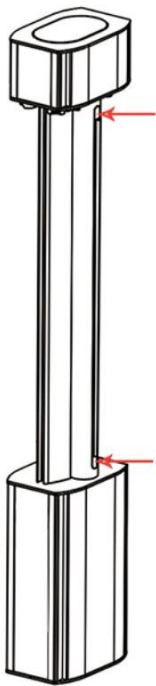
5.4 Connect Cables of Third-party Devices

For wiring instructions of third-party devices (e.g., card readers, access control controllers, integrated card/facial recognition & access control units, etc.), please refer to the document: [Third-PartyIntegrationSolutions](#)

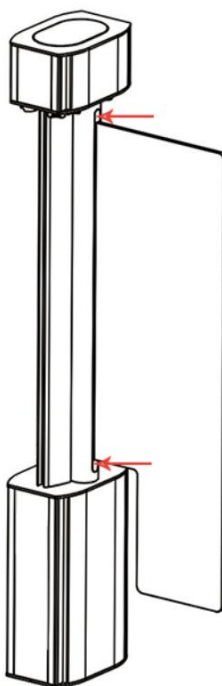
6 Install Glass Panels

6.1 Install Lane Glass Panels

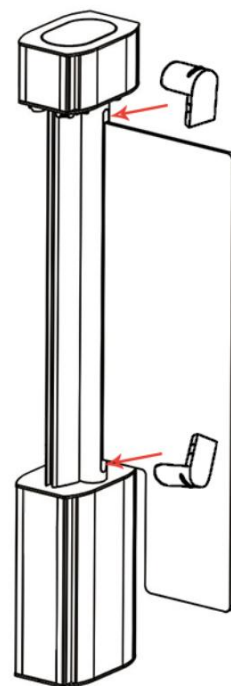
- 1) Use a 6mm Allen wrench to remove the set screws at both ends of the rotating shaft;
- 2) Secure the glass panel firmly onto the rotating shaft. Tighten the upper screw first, then the lower screw, and then fully tighten both;
- 3) Install the silicone plugs.



- ① Remove the silicone plugs and screws at both ends of the rotating shaft



- ② Fix the glass panel to the rotating shaft

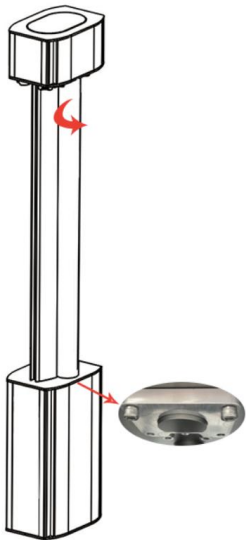


- ③ Insert the silicone plugs

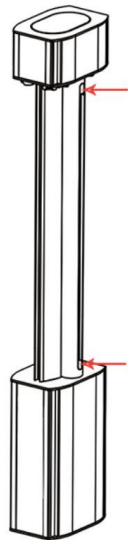
6.2 Install Wall-side Partition Glass Panel

- 1) Remove the axle set screw with a 4 mm Allen wrench;
- 2) Rotate the shaft to turn the glass panel mounting groove toward the wall;

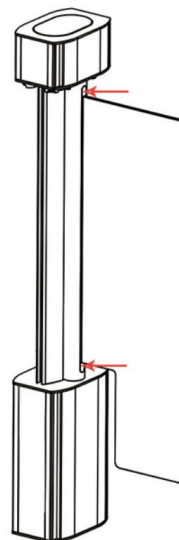
- 3) Tighten the axle set screws with a 4 mm Allen wrench;
- 4) Remove the silicone plugs at both ends of the door axle, and use a 6 mm Allen wrench to remove the set screws;
- 5) Secure the glass panel firmly onto the rotating shaft. Tighten the upper screw first, then the lower screw, and then fully tighten both;
- 6) Install the silicone plugs.



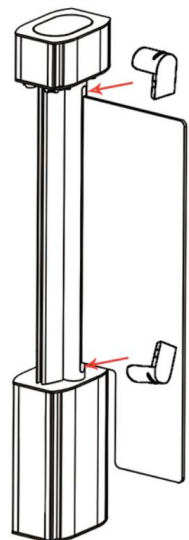
④ Unlock, rotate and lock the shaft



⑤ Remove the silicone plugs and screws at both ends of the rotating shaft



⑥ Fix the glass panel to the shaft

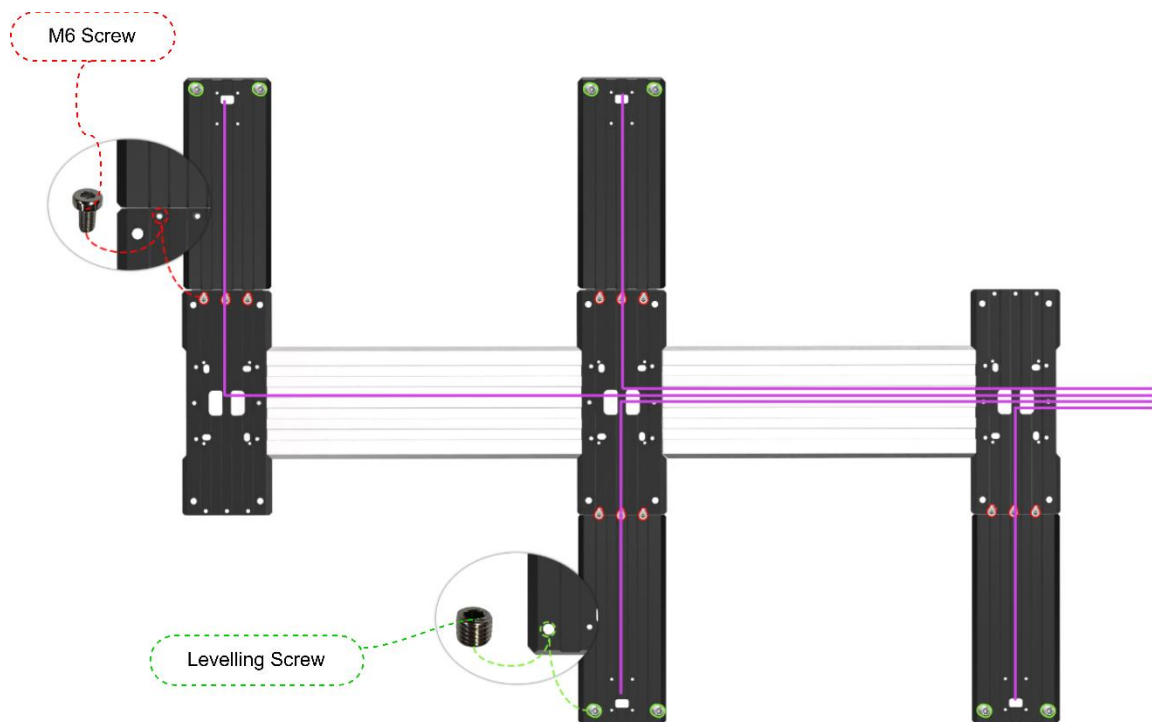


⑦ Insert the silicone plugs

7 Install Lane Partition Accessories

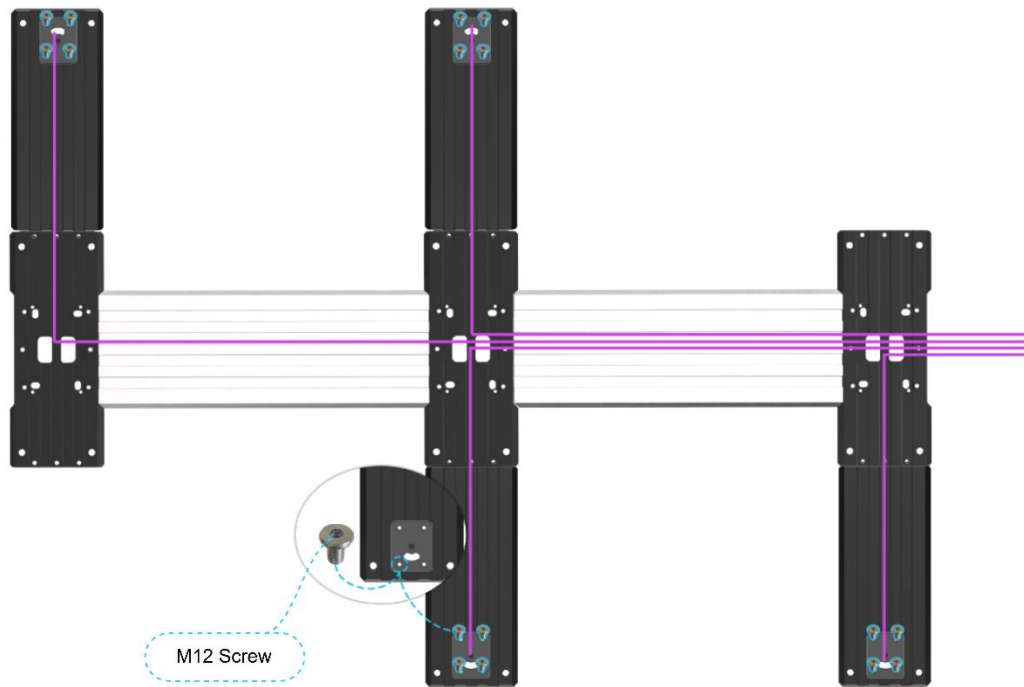
7.1 Install Extension Plates

- 1) Assemble the extension plates WXE with the cabinet base plates WXL.
- 2) If installing third-party equipment, route the cables through the wire slots beneath the extension plates; ensure the plates do not pinch or press against the wiring harness.
- 3) Using M6 screws, secure the cabinet base plates WXL and the extension plates as shown in the figure below.
- 4) Adjust the leveling screws to ensure the extension plates are horizontal.



7.2 Install Support Posts

As shown in the figure below, secure the support post **SP** to the extension plate **WXE** using four M12 screws:



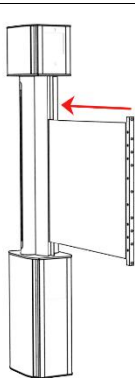
7.3 Install Lane Partition Panel

- 1) Remove the upper and lower silicone sealing plugs from the support post. Use a 6mm Allen wrench to remove the two screws used to secure the partition glass panel.
- 2) Fix one end of the partition glass to the support post. Tighten the upper screw first, then the lower screw, and finally torque them until secure.
- 3) If using the E257X cabinet, insert the other end of the partition glass panel into the groove on the front of the cabinet and lock it with screws (top first, then bottom, then tighten fully).
- 4) If using the E256X cabinet, insert the other end of the partition glass panel into the front groove and stuff the two silicone strips (included in the glass packaging) into the gaps between the groove and the glass.
- 5) Install the upper and lower silicone sealing plugs onto the partition glass panel.

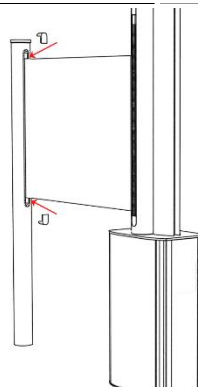
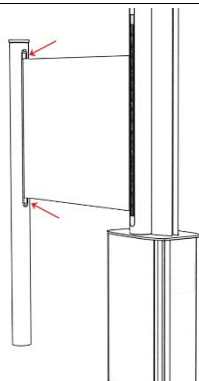
For E256X cabinet:



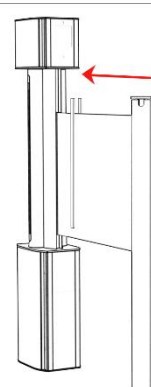
- ① Remove the silicone plugs and screws of the SP



- ② Insert the non-bracketed end into the cabinet shaft groove, and secure the bracketed end to the SP using screws



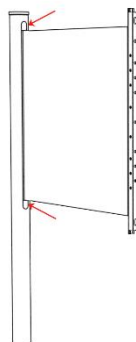
- ③ Insert silicone plugs into SP and insert silicone strips into cabinet grooves



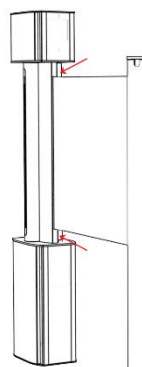
For E257X cabinet:



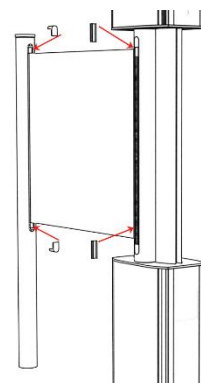
- ① Remove the silicone plugs and screws of the SP



- ② Secure one end of the panel to the SP



- ③ Secure the other end of the panel to the cabinet



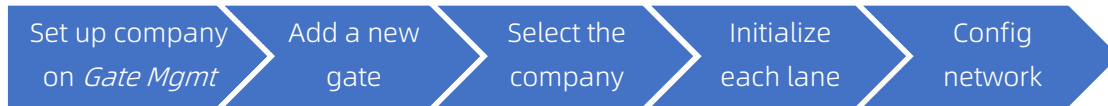
- ④ Insert the silicone plugs

8 Complete the Installation

- 1) Check all components to ensure secure connections;
- 2) Check the rotating shafts to ensure smooth rotation;
- 3) Verify that the cabinet is level;
- 4) Sequentially turn on the circuit breakers for all cabinets;
- 5) Check the Ethernet port connections. If the network cable carries a signal, the port indicator light should illuminate;
- 6) Use a 3mm Allen wrench to install the side covers on both left and right sides of all cabinets;
- 7) Install the decorative trim strips.

9 Initialization

The basic procedure for equipment initialization is as follows:



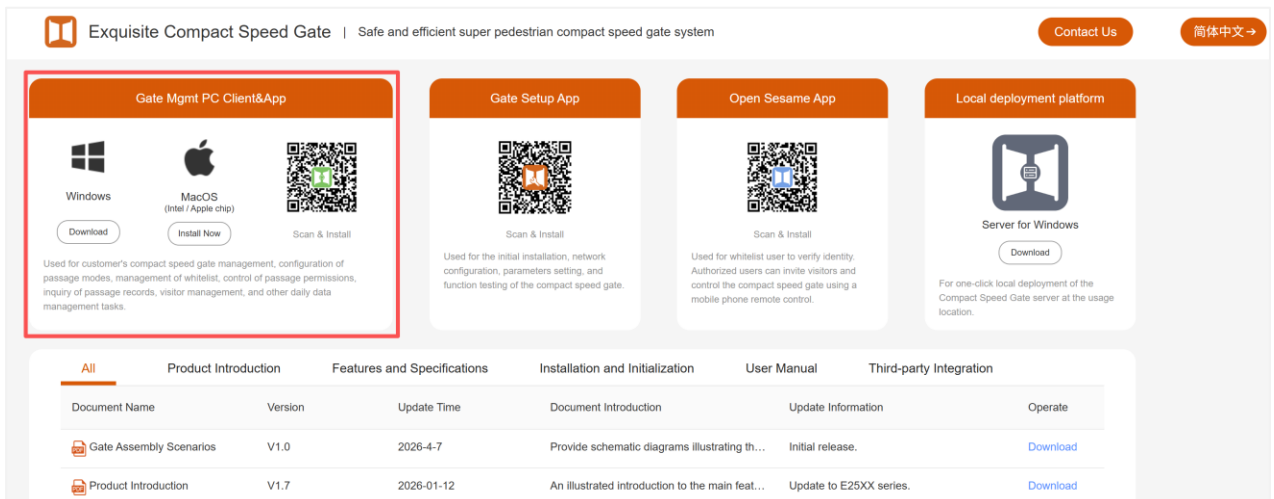
9.1 Set Up Company

Before initializing the gate, the integrator shall set up the company information via the *Gate Mgmt* client or App.

It is recommended to use the *Gate Mgmt* client for configuration, which delivers higher efficiency and lower error risks.

9.1.1 *Gate Mgmt* Software

The corresponding version of the *Gate Mgmt* software can be downloaded and installed via the software download portal: <https://www.exquisite-tech.com/GateWeb/index.html#/>.

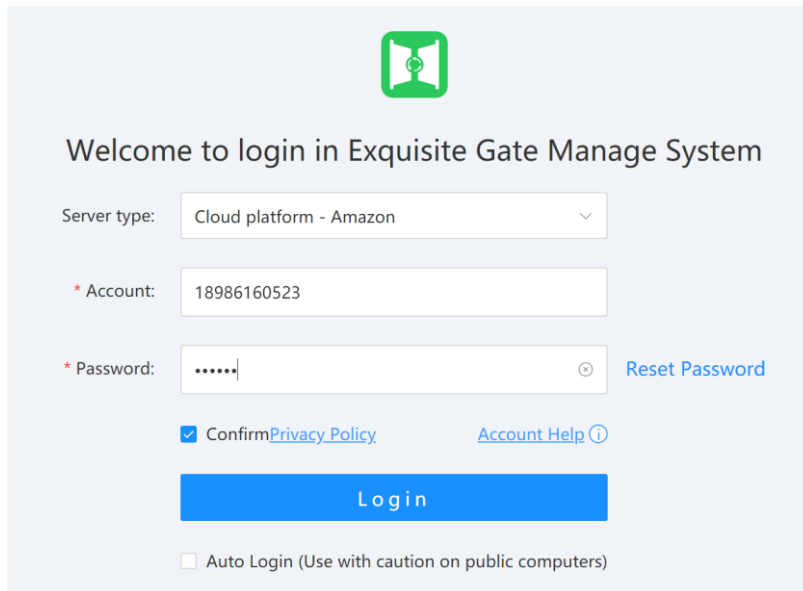


Document Name	Version	Update Time	Document Introduction	Update Information	Operate
Gate Assembly Scenarios	V1.0	2026-4-7	Provide schematic diagrams illustrating th...	Initial release.	Download
Product Introduction	V1.7	2026-01-12	An illustrated introduction to the main feat...	Update to E25XX series.	Download

9.1.2 Integrator Login

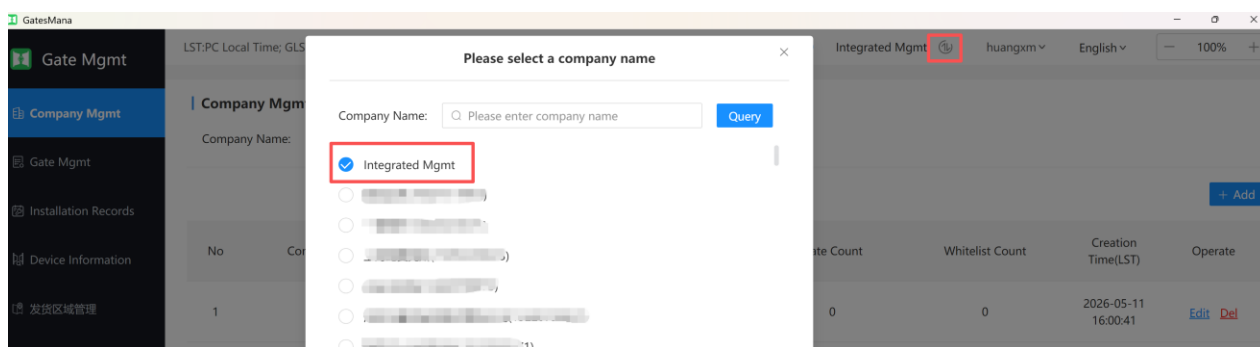
The “Company Mgmt” function is restricted exclusively to integrator accounts.

On the login page of the *Gate Mgmt* software, integrators shall log in by entering their username (mobile phone number or email address) and password (provided by Exquisite).



9.1.3 Set Up Company

After logging in, the integrator shall select the “**Integrated Mgmt**” function at the top of the homepage.



Select “Company Mgmt” → “+ Add”, then configure the company name, gate platform, integrator, as well as the super administrator’s name, mobile phone number and email address, and save the settings.

Company Mgmt

Gate Mgmt

Installation Records

Device Information

Company Mgmt

Company Name: Query Clear

+ Add

No	Company Name	Integrator	Mobile/Email	Gate Count	Whitelist Count	Creation Time(LST)	Operate
----	--------------	------------	--------------	------------	-----------------	--------------------	---------

< Back

Add New Company

Save

* Company Name: 0 / 32
Please enter company name

Server Type:

Super Administrator ⓘ

* Name: 0 / 64
Please enter the super administrator's name

Mobile: 0 / 18

Email: 0 / 64

Integrator:

9.2 Prepare for Initialization

9.2.1 Initialization Tool

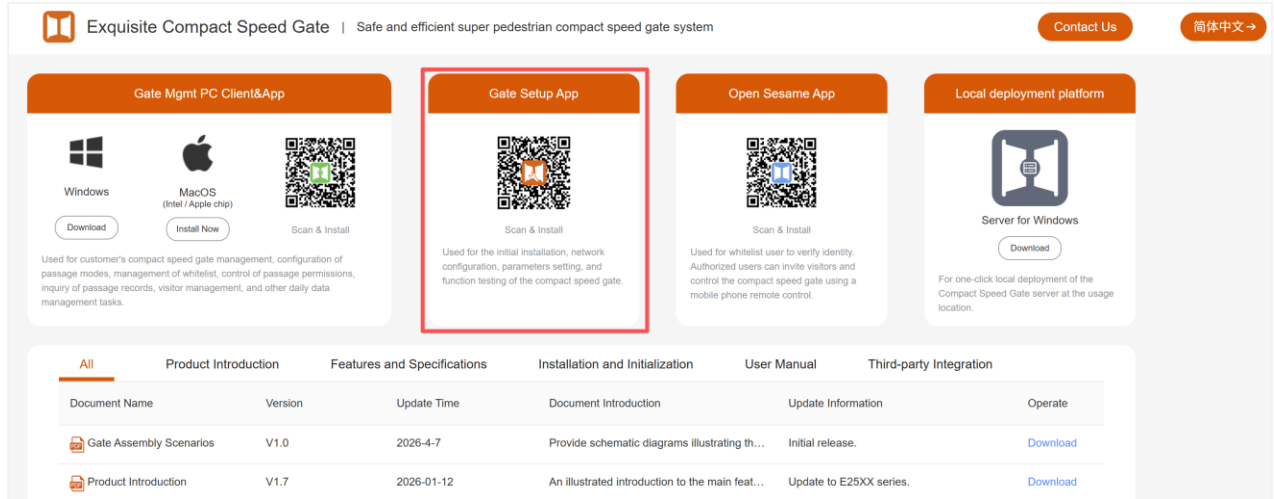
The initialization of the speed gate requires the *Gate Setup App*. *Gate Setup App* includes Android version and iOS version.

The main steps of the initialization configuration include:

- 1) Set up the gate server (cloud platform or local server);
- 2) Configure the basic information of the gate (e.g., user organization, gate name and location, administrator account, etc.);
- 3) Configure gate parameters (e.g., gate type, number of lanes, network settings, glass panel model and gap, etc.);
- 4) Gate initialization (including lane detection calibration, closed-door position calibration, door opening/closing test, synchronization of location and time zone information, network connectivity test, etc.).

Users can scan the QR code of *Gate Setup App* on the software download website

(<https://www.exquisite-tech.com/GateWeb/index.html#/>). Android mobile phone directly downloads the installation package to install; Go to the App Store to install it on your iPhone.



The screenshot shows the 'Exquisite Compact Speed Gate' website. The main navigation bar includes 'Contact Us' and a link to '简体中文'. Below the navigation bar, there are four main sections for software download:

- Gate Mgmt PC Client&App:** Offers Windows, MacOS (Intel / Apple chip), and a QR code for Scan & Install. Description: 'Used for customer's compact speed gate management, configuration of passage modes, management of whitelist, control of passage permissions, inquiry of passage records, visitor management, and other daily data management tasks.'
- Gate Setup App:** Offers a QR code for Scan & Install. Description: 'Used for the initial installation, network configuration, parameters setting, and function testing of the compact speed gate.'
- Open Sesame App:** Offers a QR code for Scan & Install. Description: 'Used for whitelist user to verify identity. Authorized users can invite visitors and control the compact speed gate using a mobile phone remote control.'
- Local deployment platform:** Offers a QR code for Scan & Install. Description: 'For one-click local deployment of the Compact Speed Gate server at the usage location.'

Below these sections is a table with tabs for 'All', 'Product Introduction', 'Features and Specifications', 'Installation and Initialization', 'User Manual', and 'Third-party Integration'. The 'All' tab is selected, showing a list of documents:

Document Name	Version	Update Time	Document Introduction	Update Information	Operate
Gate Assembly Scenarios	V1.0	2026-4-7	Provide schematic diagrams illustrating th...	Initial release.	Download
Product Introduction	V1.7	2026-01-12	An illustrated introduction to the main feat...	Update to E25XX series.	Download

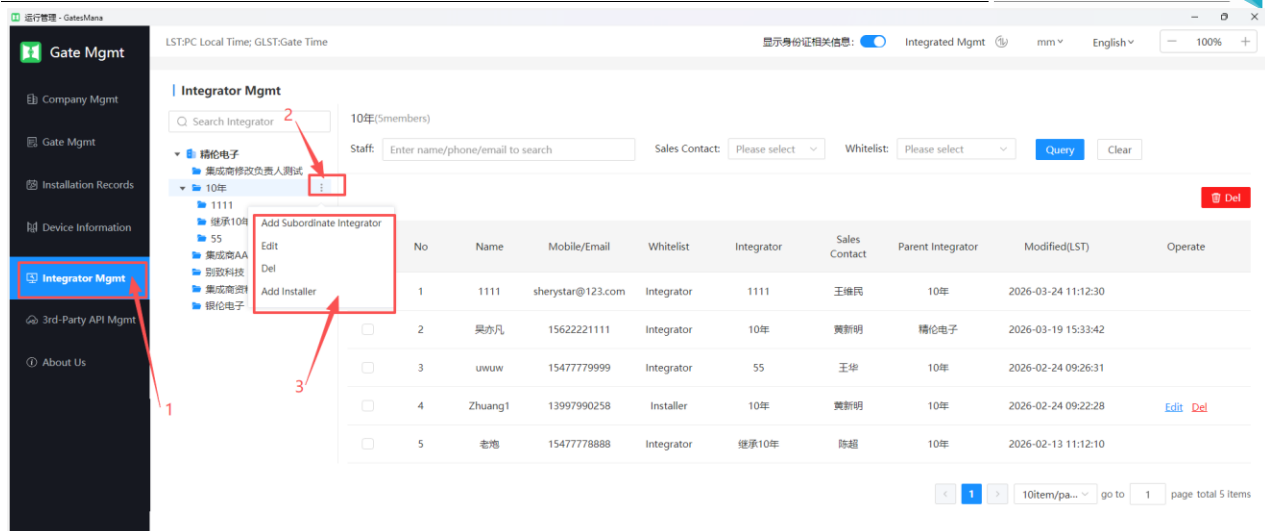
Note: When you open the App for the first time, please follow the prompts to authorize your phone's Bluetooth, location, storage, network, etc. Failure to grant permissions may cause the App to malfunction.

9.2.2 Authorization for Gate Initialization

Only integrators or installation and maintenance personnel authorized by integrators are permitted to initialize the gate.

For gate initialized by integrators or their authorized installation personnel, the integrator shall have the configuration and management authority of the gates.

Integrators shall first set up installation and maintenance personnel in the "Integrated Mgmt" --- "Integrator Mgmt" function of the Operation Management client software.



Gate Mgmt

Company Mgmt

Gate Mgmt

Installation Records

Device Information

Integrator Mgmt

3rd-Party API Mgmt

About Us

LST:PC Local Time; GLST:Gate Time

显示身份信息: Integrated Mgmt mm English 100%

Integrator Mgmt

Search Integrator

10年(5members)

Staff: Enter name/phone/email to search Sales Contact: Please select Whitelist: Please select Query Clear

Del

No	Name	Mobile/Email	Whitelist	Integrator	Sales Contact	Parent Integrator	Modified(LST)	Operate
1	1111	sherystar@123.com	Integrator	1111	王德民	10年	2026-03-24 11:12:30	
2	吴亦凡	15622221111	Integrator	10年	黄新明	精伦电子	2026-03-19 15:33:42	
3	uwuw	15477779999	Integrator	55	王华	10年	2026-02-24 09:26:31	
4	Zhuang1	13997990258	Installer	10年	黄新明	10年	2026-02-24 09:22:28	Edit Del
5	老炮	15477778888	Integrator	继承10年	陈超	10年	2026-02-13 11:12:10	

10item/pa... go to 1 page total 5 items

Staff: Enter name/phone/email to search Sales Contact: Please select Whitelist: Please select

Add Installer

* Name: Please input name 0 / 64

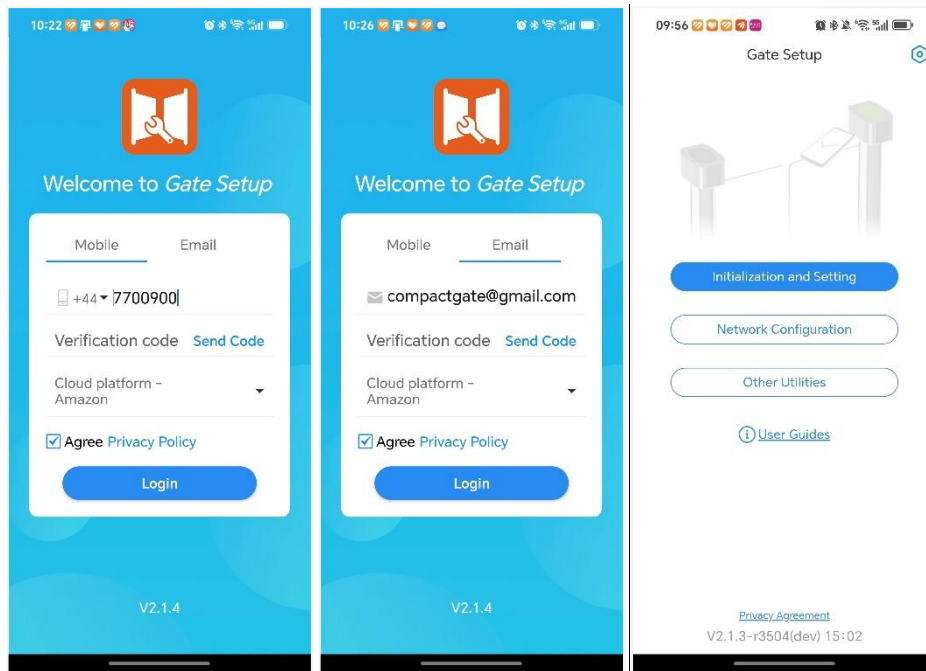
Mobile: +86 Please input Mobile 0 / 18

Email: Please input Email 0 / 64

Confirm Back

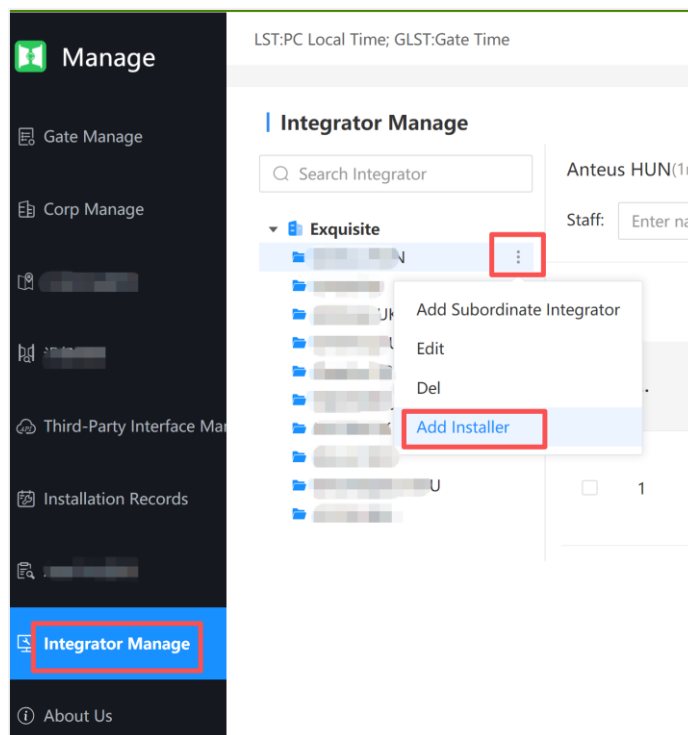
9.2.3 User Login

Users can use their mobile phone number (Note: Be sure to select a supported country code) or email address to obtain a verification code to complete registration and login.



Integrators should first configure the installation and maintenance personnel within the “Integrated Mgmt” function of the *Gate Mgmt* client software. Both integrators and maintenance personnel can then perform the initial configuration of the gates.

Integrators will hold device management permissions for the gates initialized by themselves and their designated installation personnel.



Add Installer

*

Name:

Please input name

0 / 64

Mobile:

+86

▼

Please input Mobile

0 / 18

Email:

Please input Email

0 / 64

Confirm

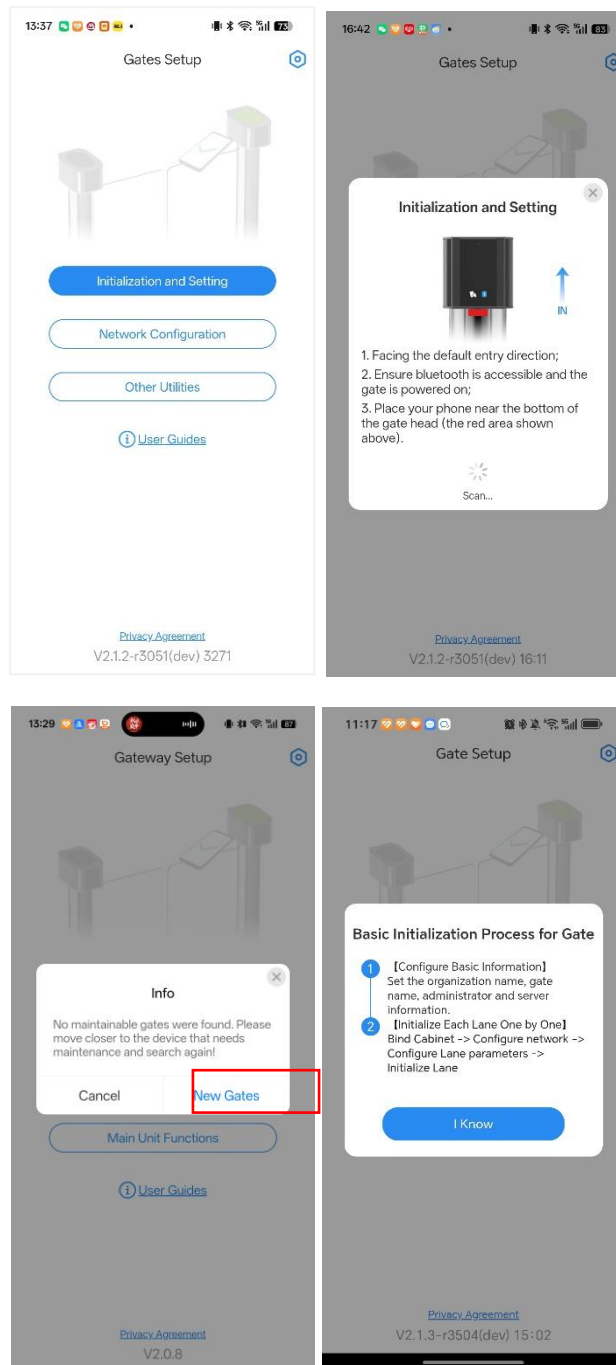
Back

9.3 Ensure Status of Gate

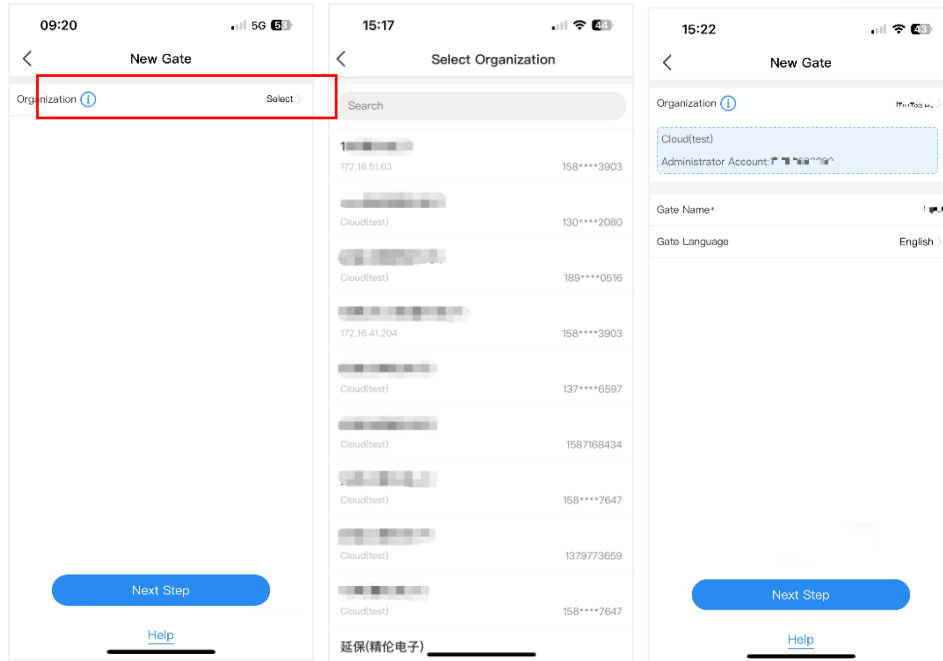
- 1) The cabinet and accessories have been installed and powered on;
- 2) Before configuring the speed gate for the first time, all the lane indicators are red or green flashing;
- 3) If you need to re-initialize the speed gate that has completed the initialization work, you need to restore the speed gate to factory settings first;

9.4 Gate Initialization

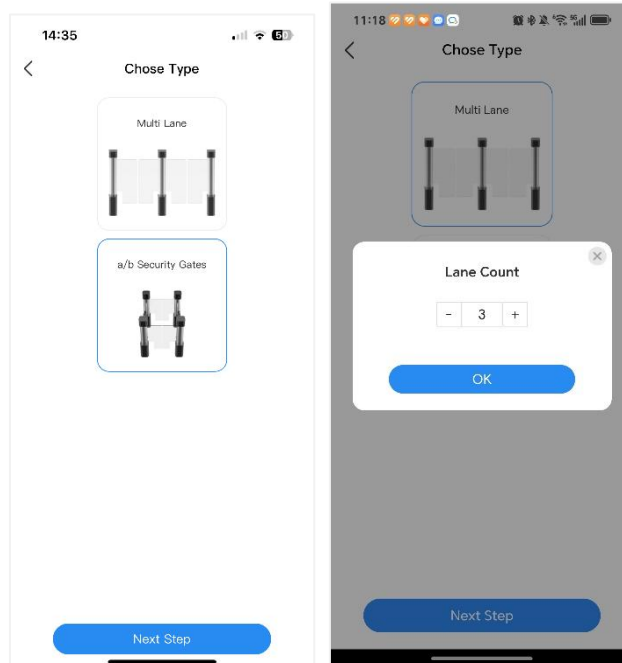
- 1) Click [Initialization and Setting], approach the device according to the prompts, and click [New Gates] to enter the page of adding a gate group;



2) Select company, configure the gate name and language, and click Next;



- 3) Select the gate type. The app automatically searches for speed gate signals and lists the speed gate type for users to select. The types available include: Multi Lane, a/b security gates, Single-Gate / Single-Lane (Left), or Single-Gate / Single-Lane (Right). After selecting the gate type, click 'Next Step' to configure each lane.

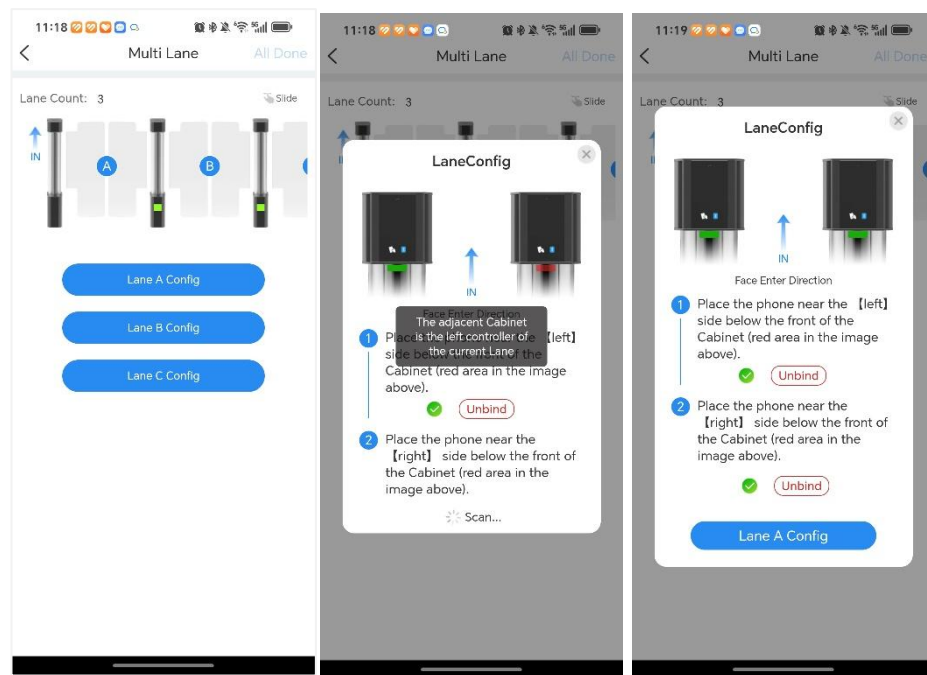


Note:

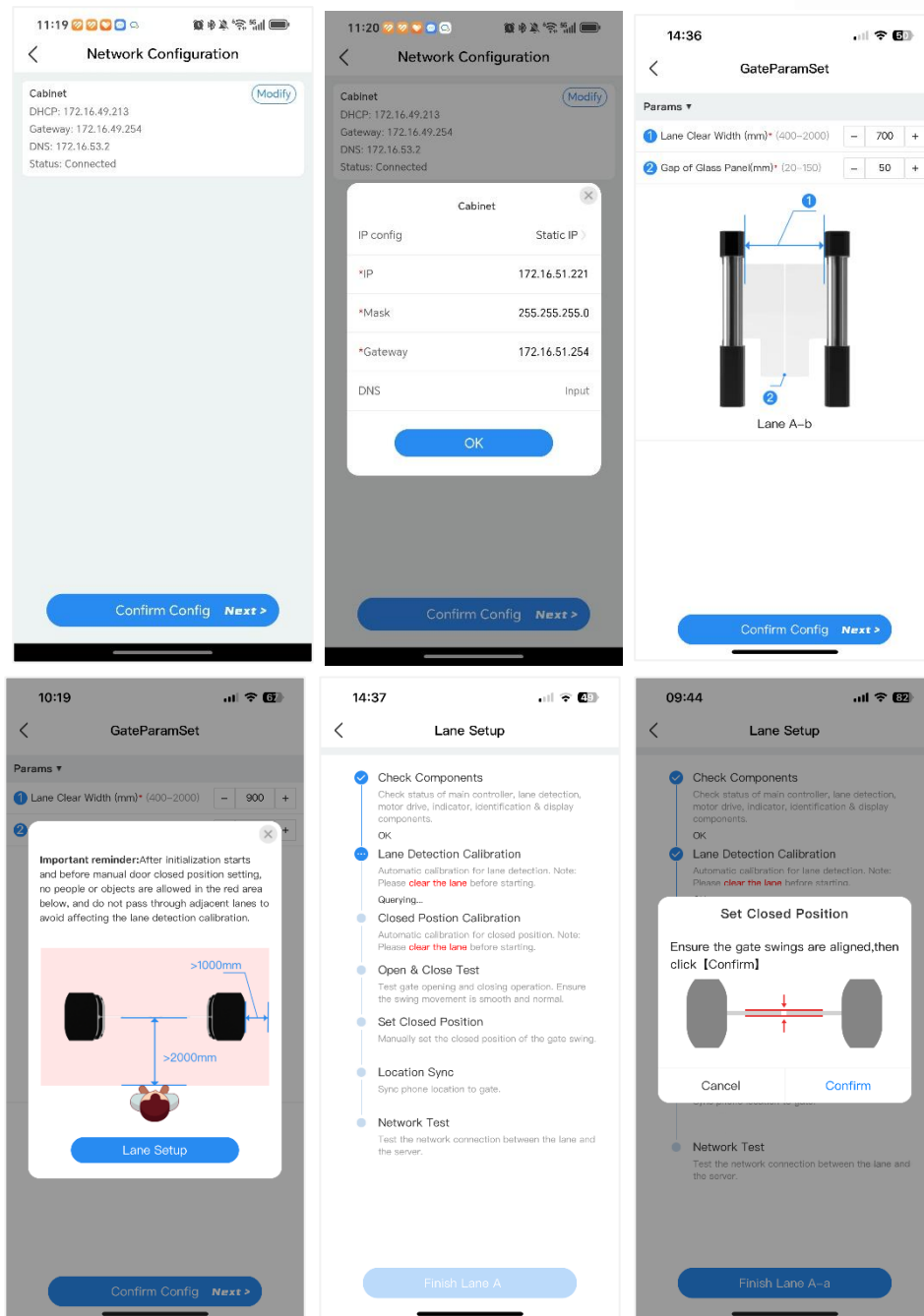
After the installer completes the initialization configuration of the speed gate, the super administrator can log in to the *Gate Mgmt* software using the mobile phone number/email and the default password (123456). If the server is on-premises, the super administrator can use the default account (**admin**) + default password (87921111) to log in to the management client.

9.5 Initialize Each Lane

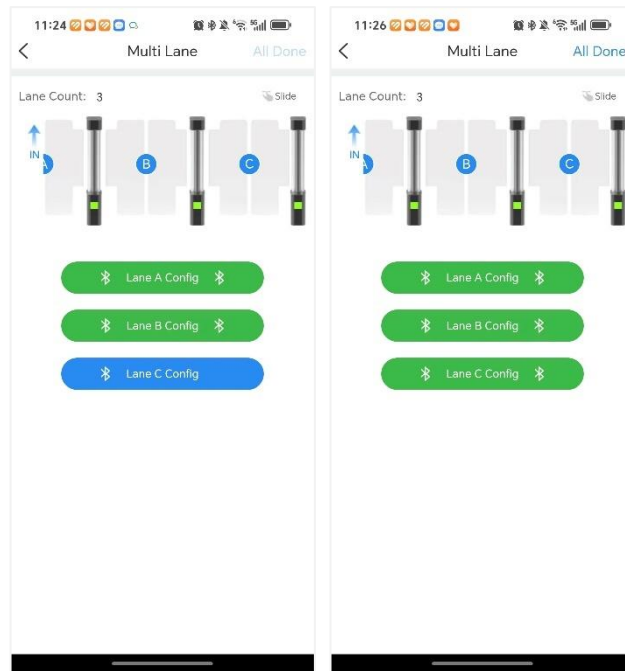
- 1) Select a lane to configure. Click the [Lane X Config] button of each lane separately, such as [lane A Config], and complete the pairing of the left/right cabinet according to the pop-up prompts. The checkmark (✓) on the interface indicates successful pairing;



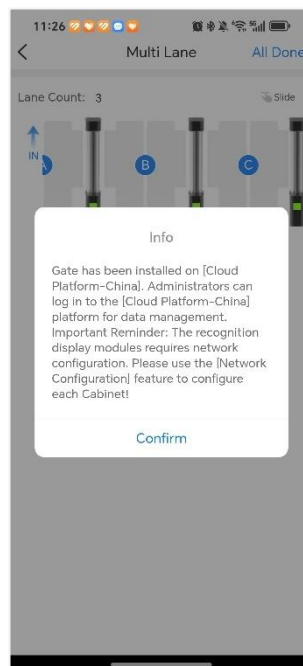
- 2) Follow the prompts to complete the lane parameter configuration, and initialization configuration. **Note:** **Clear all lanes** before completing parameter configuration and initiating automatic initialization.



- 3) For initialized lanes, the lane configuration button on the UI will turn green.
Complete the Initialization of the remaining lanes according to steps 1) to 2);



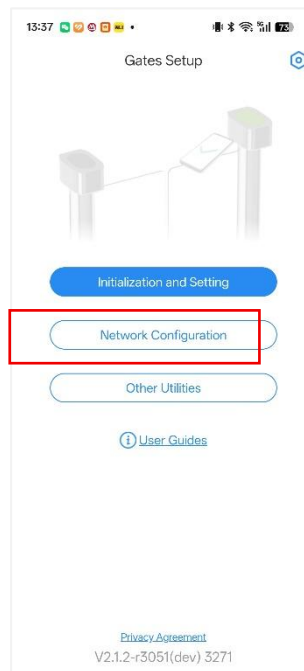
- 4) After completing the initialization of all lanes, click [All Done] in the upper-right corner to complete the initialization configuration of the speed gate.
- 5) If the speed gate is equipped with the identification and display module PM2525I&D, the interface will prompt you to configure it using the "Network Configuration" function; refer to the "Network Configuration" section for details.



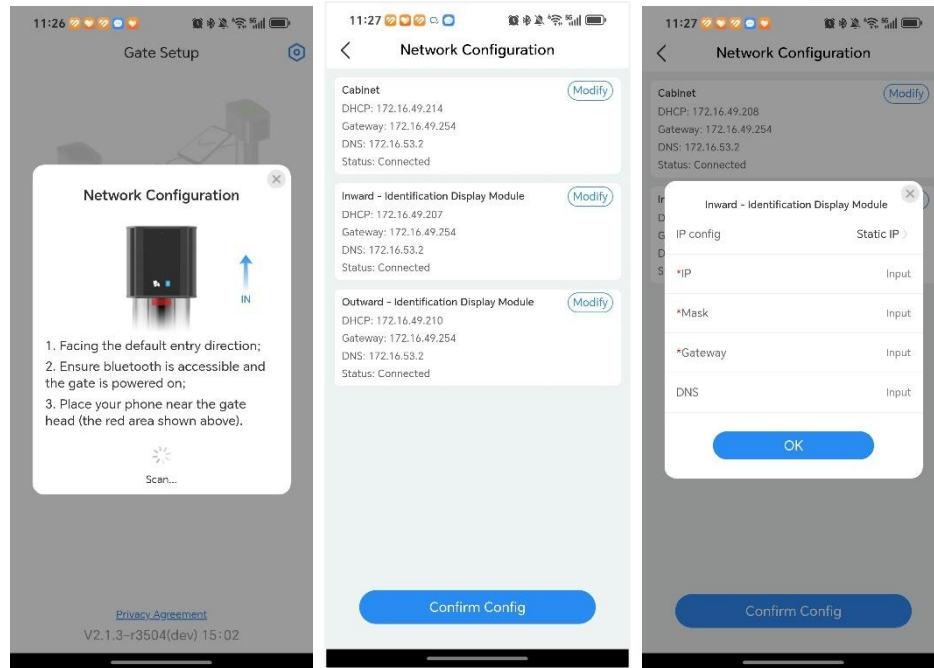
9.6 Network Configuration

You can click the [Network Config] button to set the network connection of the lane devices.

- 1) Click [Network Configuration] on the home page of the *Gate Setup* App;



- 2) Hold the mobile phone close to the cabinet, and after connecting to the cabinet, you can view the network configuration and connection status.
- 3) Modify the network configuration.

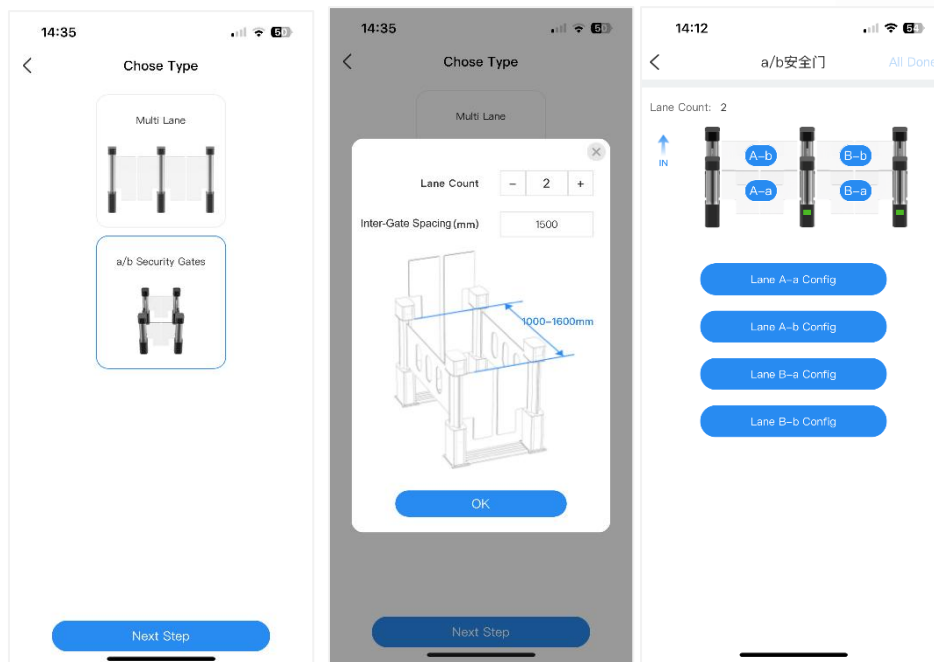


9.7 Initialization of a/b Security Gate

The a/b security gate is a speed gate designed for high-security scenarios. Each lane features an enclosed long passage equipped with two interlocking gates (Gate a and Gate b), significantly enhancing anti-tailgating and identity verification capabilities.

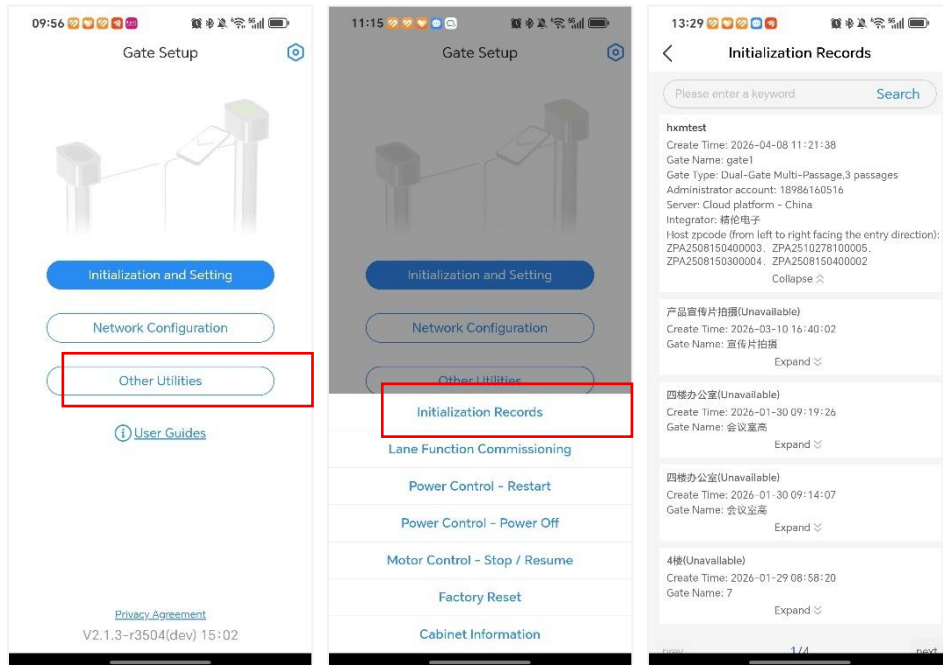
The initialization of the ab security gate is similar to that of a standard speed gate, with only the following differences:

- 1) When selecting the speed gate type, choose 'a/b Security Gates'.
- 2) In addition to configuring the number of lanes, you must also configure the spacing between Gate a and Gate b.
- 3) During lane-by-lane initialization, Gate a and Gate b must be initialized separately for each lane.



10 Other Configurations and Operations

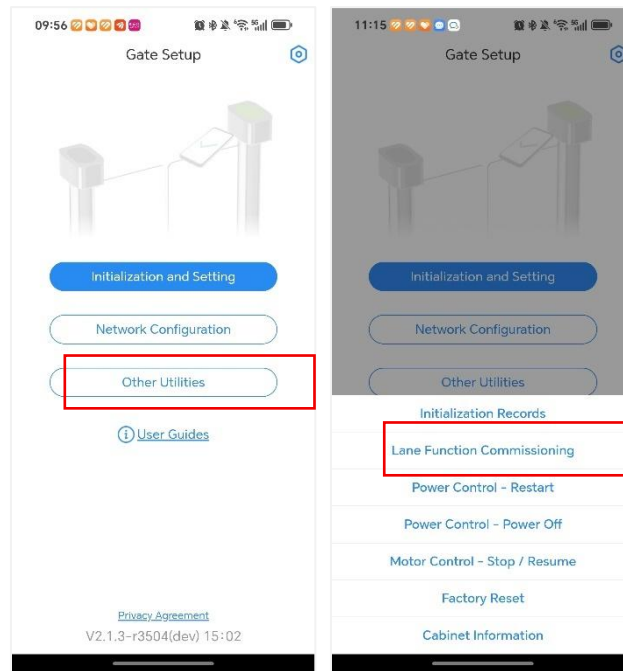
10.1 Initialization Records



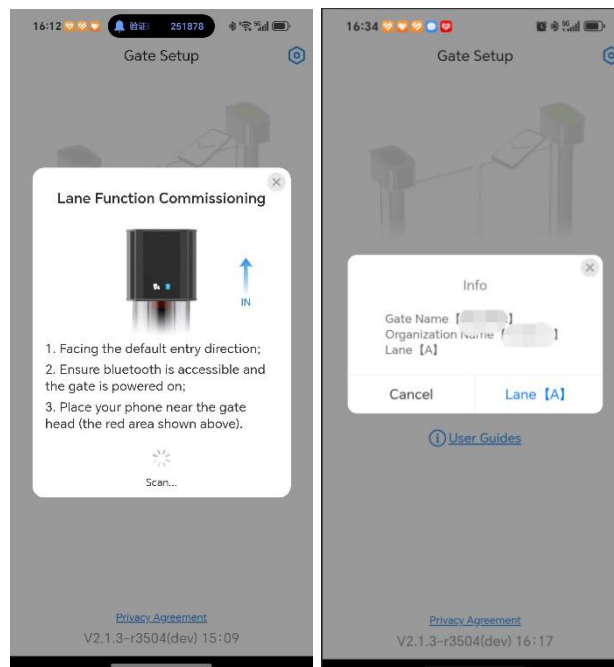
10.2 Lane Function Commissioning

During the initialization of the speed gate, or the initialized speed gate, the speed gate can undergo automatic commissioning, and can also be specially commissioned. Perform the following steps to test the function:

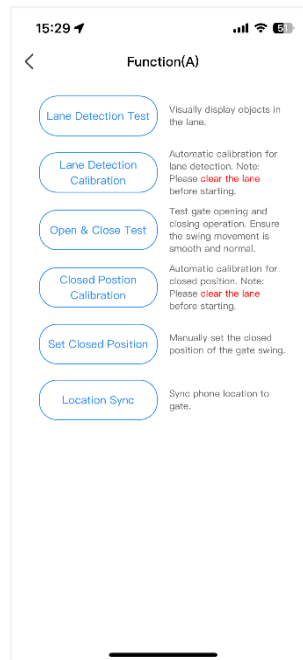
- 1) Click [Other Utilities] --- [Lane Function Commissioning].



- 2) Facing the entry direction, hold your phone near the bottom of the cabinet head and wait for a connection.

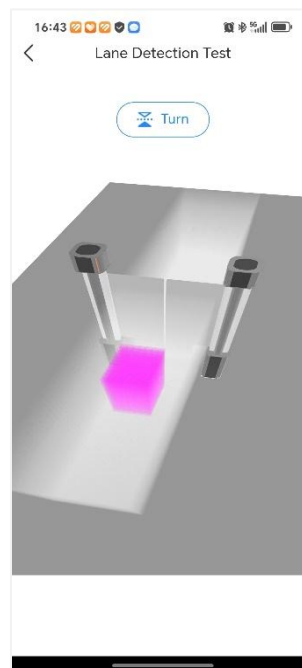


- 3) Select the function item to be commissioned (there is a function description and precautions behind the project button) to complete the commissioning.



10.2.1 Lane Detection Test

Click [Lane Detection Test] to start the 3D view test of lane detection. The purple block represents the detected object in the lane.



10.2.2 Lane Detection Calibration

Lane Detection Calibration is used for background self-learning in the lane environment to improve the accuracy of lane detection.

Lane Detection Calibration is performed automatically.

Note: Before detection, the lane needs to be emptied.

10.2.3 Open & Close Test

It will test automatic inward opening/closing, outward opening/closing.

You can observe whether the opening and closing of the doors are operating normally.

10.2.4 Closed Position Calibration

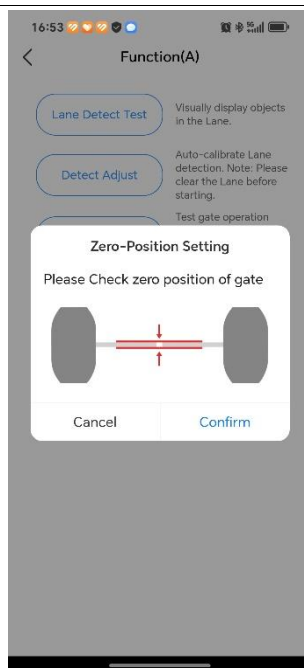
Closed Position Calibration is used to automatically confirm the gate swings closed position.

Clear the lane and clicking [Closed Position Calibration] to complete the closed position calibration automatically.

10.2.5 Set Closed Position

If you are not satisfied with the results of *Closed Position Calibration*, you can choose to manually set the closed position.

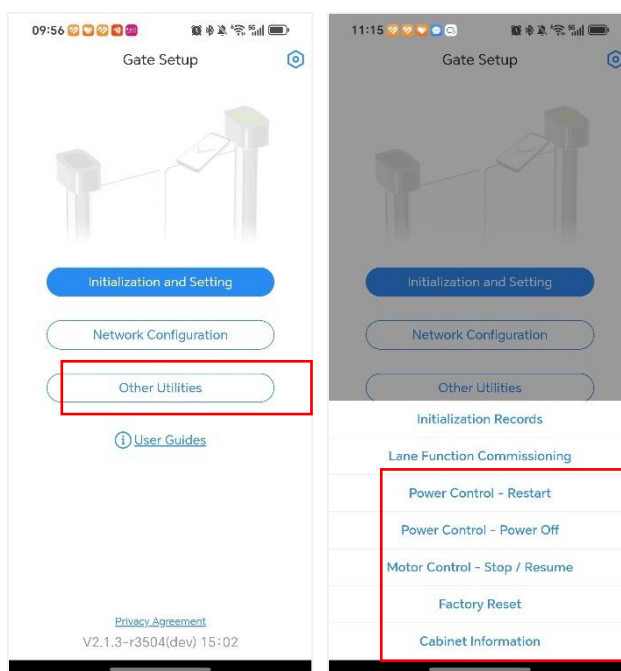
Click [Set Closed Position], adjust the glass panel in the closed position, ensure the swings are aligned, and click the [Confirm] button to complete the setting.



10.2.6 Location Sync

It is used to synchronize the time zone and latitude / longitude information of the mobile phone to the gate. Once the *Location Sync* is complete, the gate will display localized information such as time and weather.

10.3 Cabinet Operations



10.3.1 Reboot

- 1) Click [Other Utilities] --- [Power Control - Restart].
- 2) Hold your phone near the bottom of the cabinet head and wait for a connection.
- 3) Confirm to reboot.

10.3.2 Power Off

For cabinets equipped with a backup battery, after the circuit breaker trips, you can use the “Power off” function to cut off the power supply of the backup battery.

- 1) Click [Other Utilities] --- [Power Control - Power Off].
- 2) Hold your phone near the bottom of the cabinet head and wait for a connection.
- 3) Confirm to turn off the cabinet.

10.3.3 Motor Stop/Resume

This function controls the stopping and resuming of the cabinet's motor operation.

- 1) Click [Other Utilities] --- [Motor Control - Stop/Resume].
- 2) Hold your phone near the bottom of the cabinet head and wait for a connection.
- 3) Confirm to stop or resume the cabinet's motor operation.

10.3.4 Factory Reset

After the initialization of the gate, the factory reset function will erase the service data on the cabinet and restore the parameters of the cabinet (including components) to the factory settings. The procedure is as follows:

- 1) Click [Other Utilities] --- [Factory Reset].
- 2) Hold your phone near the bottom of the cabinet head and wait for a connection.
- 3) Confirm to reset the cabinet.

10.3.5 Cabinet Information

You can query cabinet version information, network configuration, installation and maintenance information, unique ID, device information, battery status, alert messages, and more.

Terminal Information	Version Information	Battery Information
Version Information Network Configuration Installation Information Unique Code Cabinet Information Battery Information Warning Information	PM2525MC 1.0.2.2603270905.STD.429 PM2525MC_BT 1.0.2 PM2525FI 1.0.2.2260.STD.687 PM2525FI_BT 1.0.7 PM2420-1 1.1.27 PM2422H 1.1.42 PM2424 1.0.12 PM2426 1.0.11 PM2427 2.0.6	Battery Status Charging Battery Level 100% Battery Capacity 2.600Ah Battery Temperature 27°C Battery Voltage 25.091V Battery Health 96% Charging Current - Discharging Current - Power Board Temperature 32°C PFC Temperature 29°C Power Supply Voltage 25.148V

10.4 Power Off of Cabinet



Backup Battery

- 1) **Circuit breaker power-off:** If no backup battery parts are installed, directly turn off the circuit breaker of the cabinet to complete the power-off of the cabinet; If a backup battery part is installed, turn off the circuit breaker air switch first, close the circuit breaker after 7 seconds, and turn off the circuit breaker within 2 seconds (you can try again repeatedly) to complete the power off of the cabinet;



1 Turn off switch, hold for 7 seconds



2 Turn on switch, hold for 2 seconds



3 Turn off switch

- 2) Use the installation and maintenance app to assist with shutting down: first turn off the air switch in the cabinet, then power off the cabinet by following the instructions in Section ["10.3.2 Power Off"](#).

11 Bluetooth Remote Controller

11.1 Activation and Pairing



The Bluetooth remote controller needs to be activated and paired before it can be used. Follow these steps to complete the activation and pairing of the Bluetooth remote controller:

- 1) Activation: Connect the charging cable and charge the Bluetooth remote controller to activate the remote control;
- 2) Pairing and binding:
 - a) Method 1: Bind on *Gate Mgmt* App (Android only). Select “Remote Ctrl Manage” --- “Bluetooth Remote” --- “+ Add” , shake the controller, and bring it close to the phone to complete pairing. The phone will vibrate once paired.
 - b) Method 2: Bind on gate (within 10 minutes after power-on). Shake the controller, press the “A” and  in order, and then bring it close to the lower part of the cabinet head to finish binding. The cabinet will emit a prompt tone once paired.

Note: After binding, the “A~F” keys on the controller can control the A~F lanes respectively.

11.2 Functions

The Bluetooth remote controller has two working modes: default mode and minimalist mode, and the operation mode of the two working modes to complete the function is slightly different. Press  and hold the button for more than 10 seconds to switch between the two working modes.

Mode	Function	Operate	Illustrate
Default mode	Single lane - open once	Press the button [A~F] bound to the corresponding lane, and press the button  within 3 seconds	The gate opens inward once, and no one passes through the gate or within 10 seconds, and the door is automatically closed.
	Single lane- hold open	Press the button [A~F] bound to the corresponding lane, and press and hold the button for more than 2 seconds  within 3 seconds	The gate remains open inward.
	Single lane- Cancel hold open	Press the button [A~F] bound to the corresponding lane (hold open) and press the button  within 3 seconds	The gate returns to its current normal mode.
Minimalist mode	Single lane - open once	Press the button [A~F] bound to the corresponding lane	The gate opens inward once, and no one passes through the gate or within 10 seconds, and the door is automatically closed.
	Single lane - hold open	Press the button [A~F] bound to the corresponding channel for more than 2 seconds	The gate remains open inward.
	Single lane - Cancel hold	Press and hold the  button for more than 2 seconds	All gates return to their current normal mode.

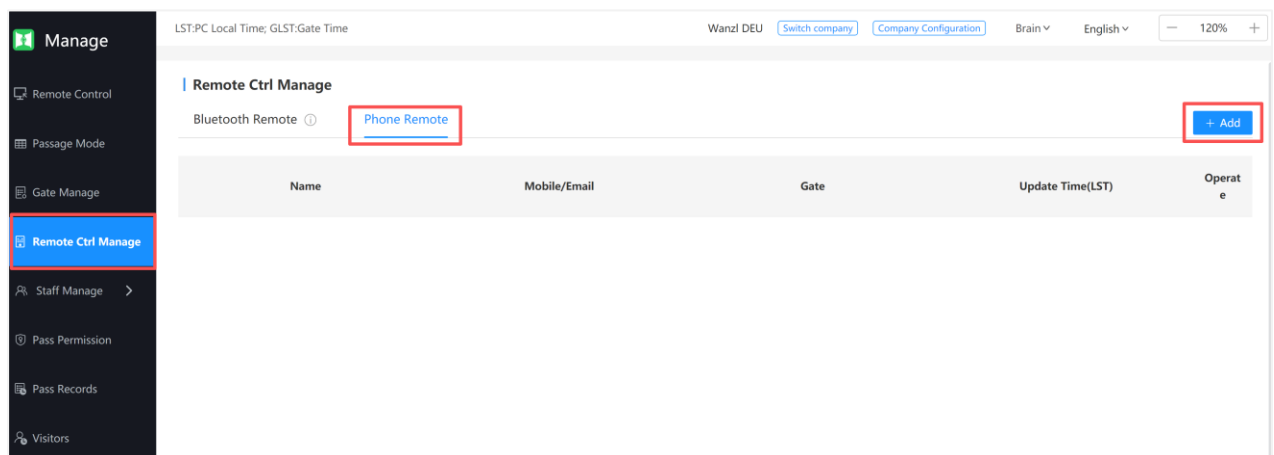
	open		
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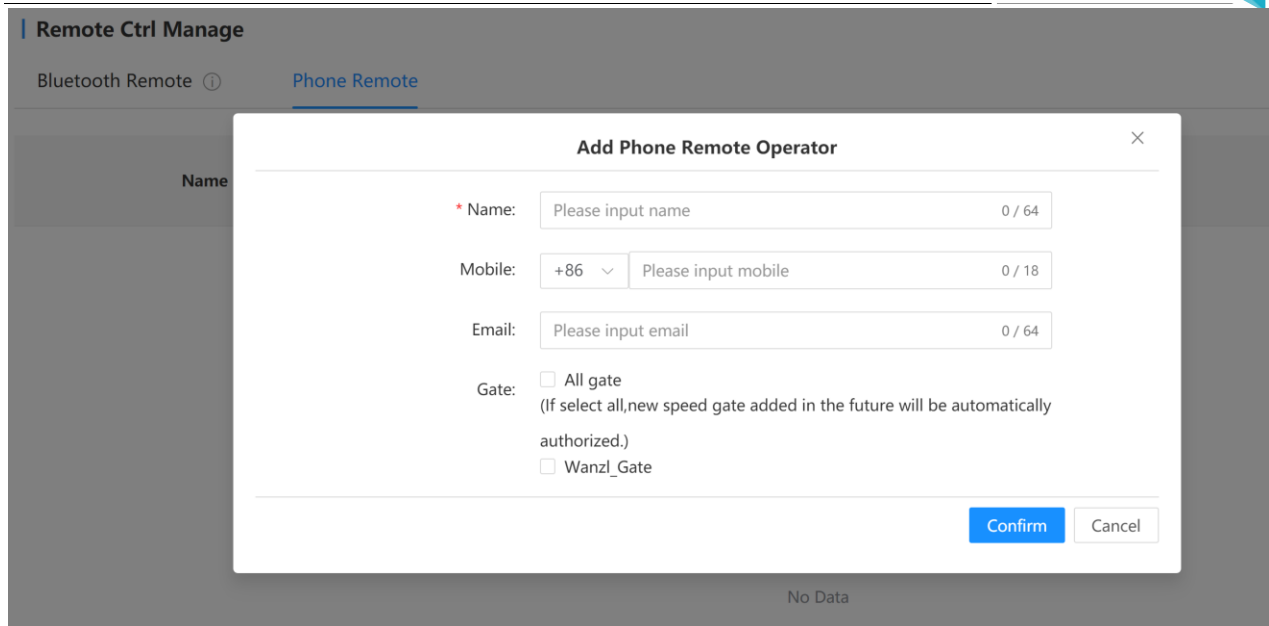
12 Remote Control on Mobile Phone

12.1 Authorization

The administrator can grant the "Mobile Remote Control" permission to the person in the person information of the PC management client.

Please refer to Section 8.3 of the document "Speed Gate Operation Management Manual".





12.2 Install *Open Sesame* App

Users use the mobile phone remote control function through the *Open Sesame* App.



Please scan the QR code below to install the *Open Sesame* App:

Users obtain a verification code with a mobile phone number (Chinese mainland users) or email address (non-mainland Chinese users), and enter the verification code to complete the login verification.

12.3 Functions

On the homepage of the *Open Sesame* App, if the speed gate is searched, the user can click the [Remote Control] button to enter the remote controller function interface.

The functions of the Bluetooth remote controller of the mobile phone mainly include:

Function	Operate	Illustrate
Single lane - open	Click [Open] under the lane.	The lane opens the door inward once, and after passing through or within 10 seconds, no one passes through the gate, and the door closes automatically.
Single lane - keep open	Click [<<<Open>>>] in the lane.	This access door remains opened inward.
Single lane - Cancel keep open	Click [Cancel] in the lane.	The lane returns to its current normal mode.
All lanes - keep open	Click [All - Keep Open].	All lanes are set to inward normally open.
All lanes - open	Click [All - Open].	All lanes open inwards once, and the doors will automatically close after passing through or if no one passes through within 10 seconds.
All lanes - no access	Click [All - Forbidden].	All lanes are closed to traffic.
All lanes - Restore period policy	Click [All - Restore]. You can set the time for automatic return to normal mode.	All lanes restore to the access mode defined by the time period policy.
Fire alarm	Click [Fire Alarm]	All lanes are always open to the outside, and lights and sounds warn people to evacuate quickly.

13 Local Server

The network server for the E25XX series speed gates can be deployed either on a cloud platform or on a local server.

The local server uses a dedicated server host, with the following main specifications:

Manufacturer and Model	Acer SQM2270
CPU	Intel i3-N355
Memory/Storage	16GB RAM; 512 SSD
OS	Linux
Database	MySQL
Network	RJ45 * 1
Display Output	HDMI * 2
Interface	USB-A * 4; USB-C * 2

Notes:

- 1) To ensure a stable and reliable network connection, the local server host must use a wired network connection.
- 2) Network connectivity between the local server host and the speed gates must be guaranteed.
- 3) The Operation Management client software has already been installed on the local server host, allowing users to directly manage speed gate devices and business data from the server host.
- 4) User login for the Operation Management client: After installing the speed gates and completing initialization, users can log in to the *Gate Mgmt* client using the super administrator account "**admin**" and the default password (**87921111**).

- THE END -