



All-in-One DC Charging Station

User Manual

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Note	Provides additional information to emphasize or supplement important points of the main text.
 Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

TABLE OF CONTENTS

Chapter 1 Introduction	1
1.1 Introduction	1
1.2 Product Overview	1
Chapter 2 Charging Operations	4
2.1 Charging by Card	4
2.2 Charging by Code	6
Chapter 3 Admin Operations	8
3.1 Set Device	8
3.2 Add Card	9
3.3 Set Network	10
3.3.1 Set IP Address	10
3.3.2 View QR Code Link	11
3.3.3 Connect to Platform	11
3.4 View Historical Information	12
3.4.1 Historical Faults	12
3.4.2 Historical Bills	12
3.5 System Maintenance	12
3.5.1 View Device Information	12
3.5.2 Change Password	12
3.5.3 Sync. Time	13
3.5.4 Adjust Screen Brightness	13
3.5.5 Restore Parameters	14
Chapter 4 Web Operations	15
4.1 Activation	15
4.1.1 Default Information	15
4.1.2 Activate via Web Browser	15
4.2 Login and Logout	16
4.3 Card Management	16
4.3.1 Add Card	16
4.3.2 Delete Card	16
4.3.3 Search Card	16
4.3.4 Import Card	17
4.3.5 Export Card	17
4.4 Application Mode	17
4.4.1 Set Charging Mode	17
4.4.2 Set CCU	18
4.4.3 Set TCU	19
4.5 Search Order	20
4.6 Fault Records	21
4.7 Network Configuration	21

4.7.1 Set IP Address	21
4.7.2 Set Port	23
4.7.3 Connect to Platform	25
4.8 Safety Management	25
4.8.1 Manage User.....	25
4.8.2 Enable User Lock.....	26
4.8.3 Set SSH	26
4.8.4 Set Timeout Logout.....	26
4.9 Maintenance.....	27
4.9.1 View Device Information	27
4.9.2 Synchronize Time.....	27
4.9.3 Set DST	27
4.9.4 Enable System Log Service.....	28
4.9.5 Download Debug Data.....	28
4.9.6 Upgrade	28
4.9.7 Reboot	29
4.9.8 Restore Parameters	29
4.9.9 Import Configuration File	30
4.9.10 Export Parameters	30

Chapter 1 Introduction

1.1 Introduction

The All-in-One DC Charging Station (hereinafter referred to as "device") provides safe and reliable charging services and complies with international charging interface standard. It is a dedicated power supply device that provides DC power for electric vehicles with on-board chargers using mode 4 and case C connection. The device delivers an intuitive human-machine interface with user-friendly operations, featuring high system stability and reliability. It supports Ethernet access, enabling real-time communication with operation platforms and allowing it to receive commands from monitoring centers to limit the output power of on-board chargers. The device continuously monitors charger connection status, and dynamically adjusts charging parameters based on data feedback from EV BMS (Battery Management System). In case of abnormal connections, charging is stopped immediately to ensure safety for both users and EVs during the charging process.

The device can be installed in various places such as along highways, EV charging/battery swap stations, public parking lots, tourist route parking areas, commercial squares, etc., providing daily fast-charging services for EVs that meet the requirements.

1.2 Product Overview

The device appearance is shown as below.



The device appearance may vary with device models. The actual device shall prevail.

Appearance 1:

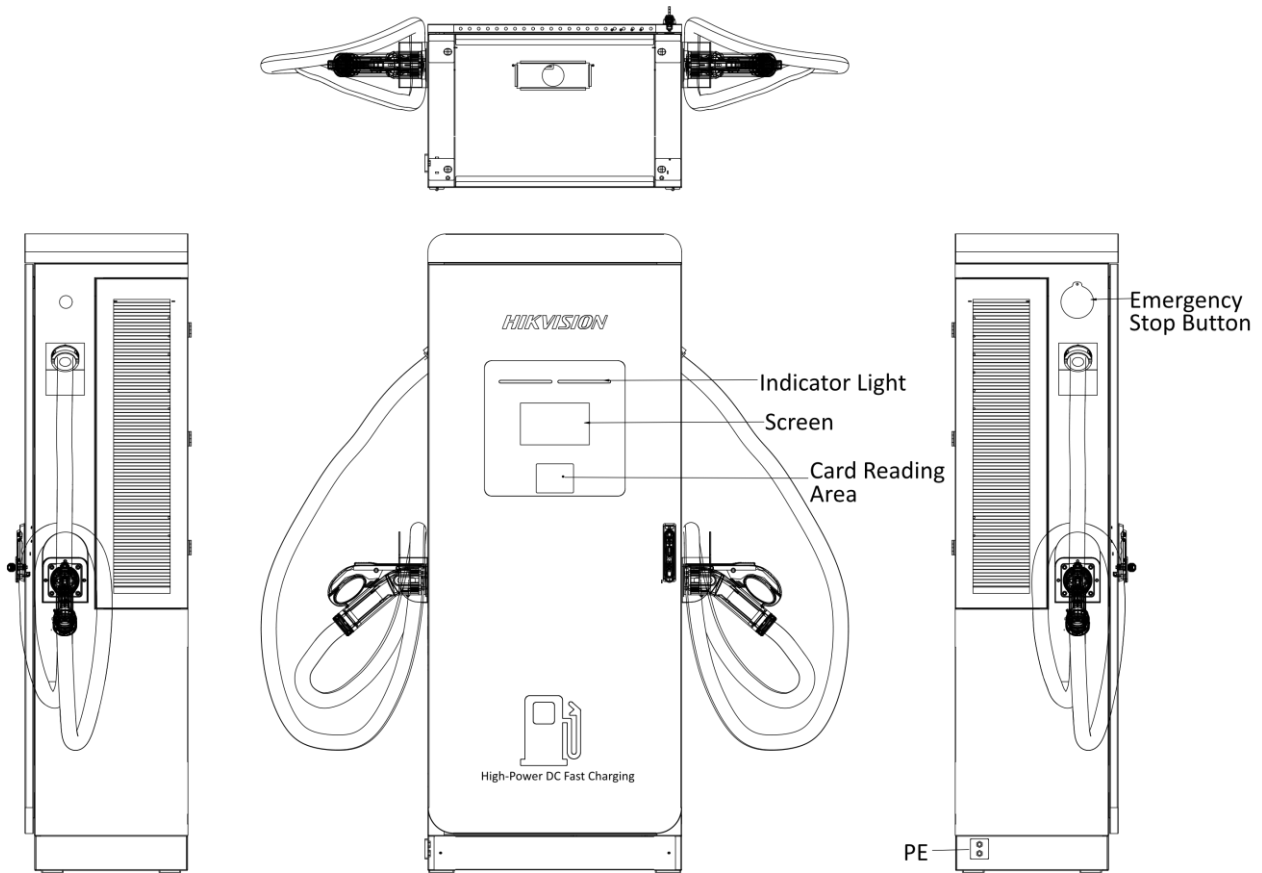


Figure 1-1 Device Appearance 1

Table 1-1 Appearance Description

Name	Description
Emergency Stop Button	Press the button to stop charging when an exception occurs. Rotate the button clockwise to restore the button.
Indicator Light	● Solid green indicates the device is idle. ● Green flashing indicates charger is plugged in but not charging. ● Solid blue indicates the device starts to charge. ● Solid red indicates the device is charging. ● Solid yellow indicates device failure.
Screen	For screen display.
Card Reading Area	Swipe card to start or stop charging in charging by card mode.
PE	Connects the PE to the ground.

Appearance 2:

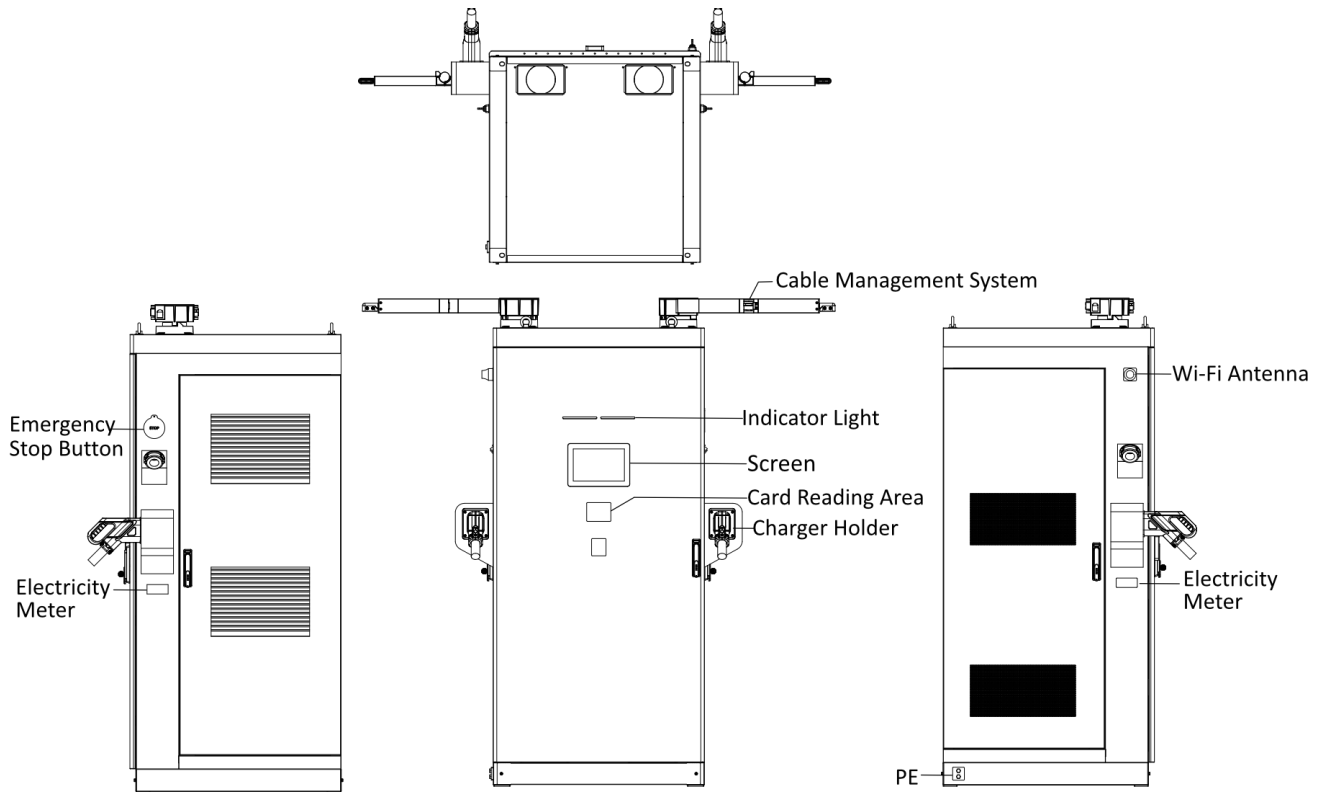


Figure 1-2 Device Appearance 2

Table 1-2 Appearance Description

Name	Description
Emergency Stop Button	Press the button to stop charging when an exception occurs. Rotate the button clockwise to restore the button.
Electricity Meter	Displays real-time power consumption information.
Cable Management System	Used to organize charger cables.
Indicator Light	● Solid green indicates the device is idle. ● Green flashing indicates charger is plugged in but not charging. ● Blue flashing indicates the device enters pre-charging stage. ● Solid red indicates the device is charging. ● Yellow flashing indicates device failure.
Screen	For screen display.
Card Reading Area	Swipe card to start or stop charging in charging by card mode.
Charger Holder	Used to hold the charger when not in use.
Wi-Fi Antenna	Connects to Wi-Fi antenna.
PE	Connects the PE to the ground.

Chapter 2 Charging Operations

The device supports charging by card and charging by code. You can choose the charging mode as needed.



Note

Tap **Rate** to view the electricity and service fees for the corresponding time period.

Before You Start

Ensure that the EV is parked in place, with the engine turned off and in the braking state.

2.1 Charging by Card

In offline mode, you can swipe the card for free charging, while in online mode, card swiping enables paid charging. The specific charging process and steps are as follows.

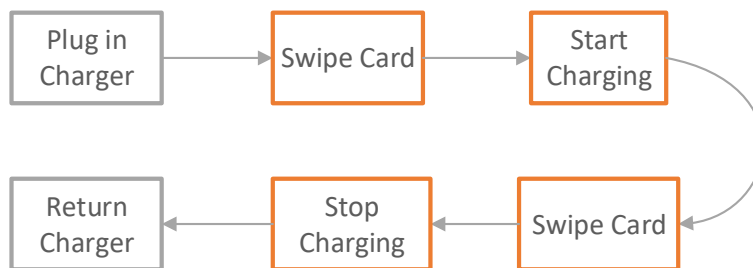


Figure 2-1 Charging by Card Process

Before You Start

The card has been added. Refer to [3.2 Add Card](#) for details.

Steps

1. Plug in the charger into the EV charging port if the device is available.

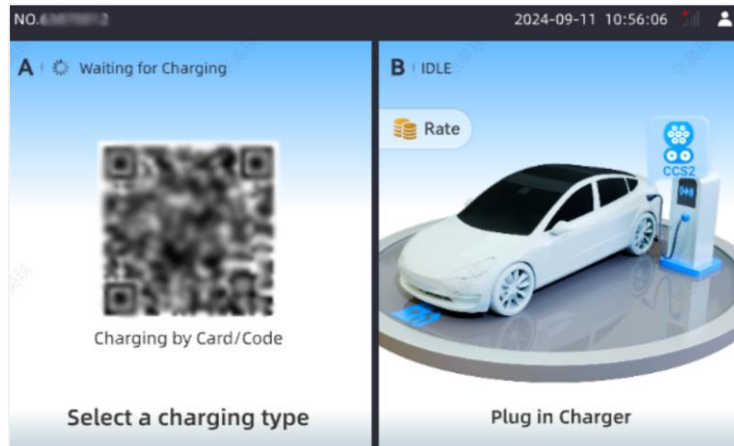


Figure 2-2 Plug in Charger

2. Swipe the card on the card reading area, and enter the card password.



Figure 2-3 Enter Card Password

Note

In offline mode, the device starts charging automatically after swiping the card, with no password required.

3. Choose the charging method based on actual needs, and tap **OK**.

- **Charge Until Full:** Charging will automatically stop once the battery is full.
- **By Fee:** Enter the charging fee, and charging will stop once the fee is used up.
- **By Time:** Enter the charging duration. Charging will stop when the set time is reached.
- **By SOC:** Set the target battery percentage. Charging will stop when the set value is reached.

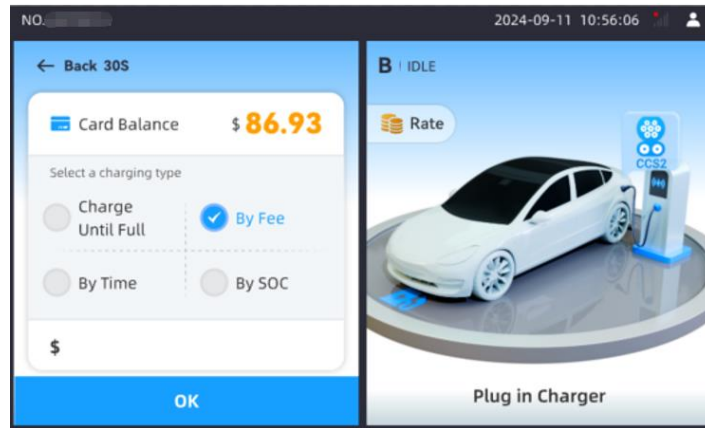


Figure 2-4 Choose Charging Method

Note

- The value should be greater than 1.
 - Fees will be incurred when swiping the card in online mode. If the card balance is insufficient, recharge via the app first.
4. The device starts to charging. Tap **Details** to view vehicle data, charging data, and battery data packages.
 5. The device stops charging automatically when fully charged. To stop charging in advance, swipe the card again.
 6. Return the charger.

2.2 Charging by Code

When the device is online, you can use the third-party app to scan the QR code on the screen to start and stop charging.

Before You Start

The device has been connected to the third-party platform. Refer to [3.3.3 Connect to Platform](#) for details.

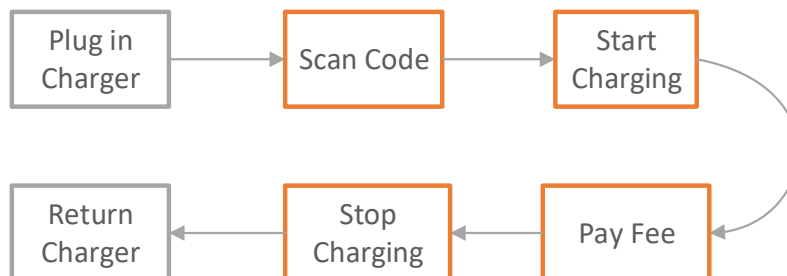


Figure 2-5 Charging Process

Steps

1. Plug in the charger into the EV charging port if the device is available.
2. Scan the QR code on the screen to start charging.

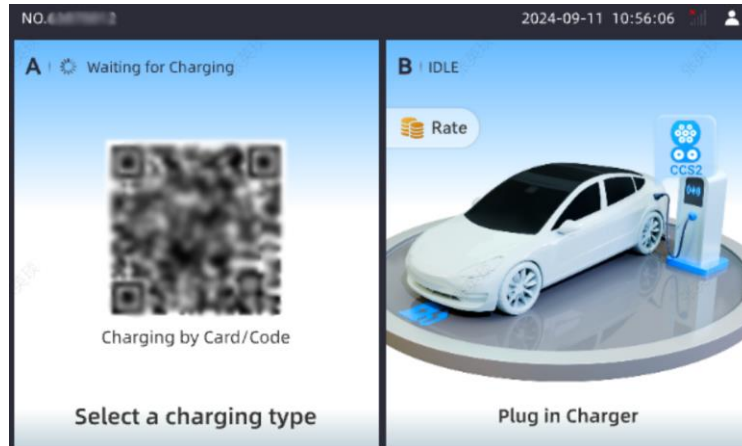


Figure 2-6 Scan Code

3. Log in to the app, follow the instructions to enter the charging amount, and the device will start charging.
4. The device stops charging automatically when fully charged. To stop charging in advance, scan the QR code again.

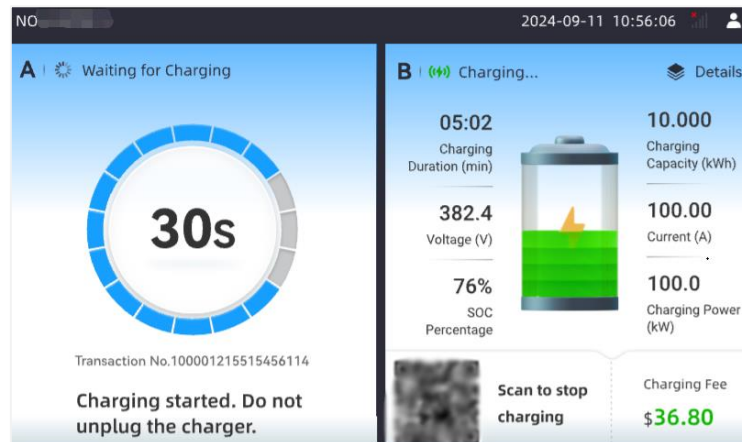


Figure 2-7 Stop Charging

Note

If the device malfunctions, you can check the failure cause, and the charging amount will be refunded to your original payment method.

5. Return the charger.

Chapter 3 Admin Operations

Admin can set the device parameters on the device side including charging mode, charging parameters, and view the related information.

On the charging page, tap  to enter the admin password (default: abc12345), and tap **OK** to enter the admin page.



Figure 3-1 Admin Home Page

Note

- Please change the password for the first login. Refer to [3.5.2 Change Password](#) for details.
- Functions may vary with device models. The actual page shall prevail.

3.1 Set Device

Tap **Parameters Settings** on the admin page to set the device parameters.

Note

It is recommended to use the device default factory settings. You may also modify the device settings based on actual conditions.

Steps

1. Set the station parameters according to the actual situation, including number of modules and chargers.

2. Set the power allocation plan.

- **First Priority:** Allocates power based on the charging sequence.
- **Average Allocation:** Distributes power equally for chargers to maintain balanced usage.

The image shows a 'Parameters Settings' screen with a dark background. At the top left is a blue arrow and the text 'Back'. The title 'Parameters Settings' is centered at the top. The screen contains several input fields and buttons. On the right side, there are three buttons: 'Next' (top), 'Previous' (middle), and 'Cancel' (bottom). At the bottom right is a large blue 'OK' button. The settings are as follows: 'Number of Modules' is set to 3 with a 'PCS' unit; 'Number of System Chargers' is set to 2 with a 'PCS' unit; 'Electric Meter Type' is set to 'Baseline'; 'Power Allocation Plan' has two radio buttons, 'First Priority' (which is selected) and 'Average Allocation'; 'Power Threshold (Total)' is set to 120 with a 'kW' unit; and 'Power Threshold (Single Charger)' is set to 120 with a 'kW' unit.

Parameter	Value	Unit
Number of Modules	3	PCS
Number of System Chargers	2	PCS
Electric Meter Type	Baseline	
Power Allocation Plan	First Priority	
Power Threshold (Total)	120	kW
Power Threshold (Single Charger)	120	kW

Figure 3-2 Set Basic Parameters

3. Set the charging parameters, including power threshold, temperature threshold, current threshold, and voltage threshold.

4. Tap **Next** to set the other parameters.

- **Swipe Card Without Password:** When enabled, no card password is required when charging by card in online mode.
- **Card Default Password:** Set the card default password.
- **Switch Mode:** International is recommended to suit more vehicle models.
- Fault detection parameters are enabled by default. You can set them if necessary.

5. Tap **OK**.

3.2 Add Card

Add the card to the device before swiping the card for charging.

Steps

1. Tap **Add Card** on the admin home page.

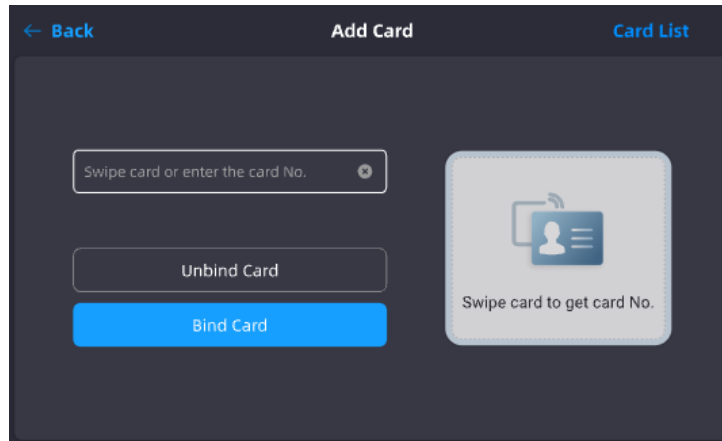


Figure 3-3 Add Card

2. Enter the card No. or swipe the card on the card reading area, and tap **Bind Card**.
3. Optional: To unbind a card, enter the card No. or swipe the card, and tap **Unbind Card**.
4. Optional: Tap **Card List** to view the add cards.

3.3 Set Network

Tap **Network Settings** to set the parameters if the device is connected to the network.

3.3.1 Set IP Address

Steps

1. Tap **Network**.

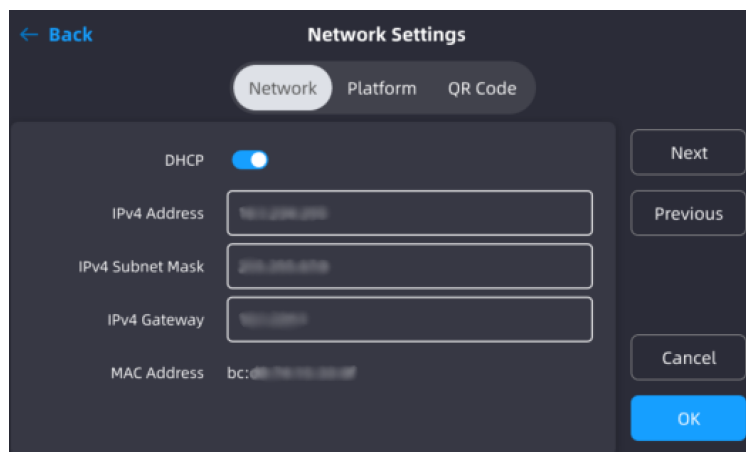


Figure 3-4 Set IP Address

2. Set the IP address.
 - The device automatically gets the IP parameters from the network if you check DHCP. The device IP address is changed after enabling the function.

- For devices that cannot obtain an IP address automatically, you can manually enter the IP address, subnet mask, gateway, and other information.
3. Optional: Set the MTU, which stands for maximum transmission unit.
 4. Optional: Set DNS address properly if you need to access the device via a domain name.
 5. Tap **OK**.

3.3.2 View QR Code Link

You can tap **QR Code** to view or update the platform QR code link.

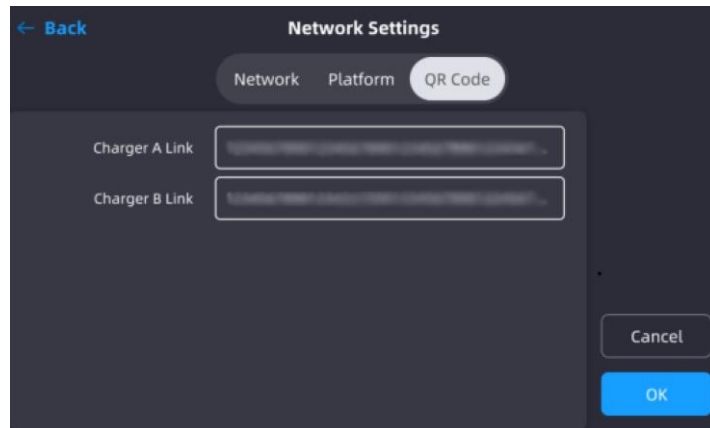


Figure 3-5 QR Code Settings



Note

If the platform QR code link is updated, the charging QR code on the device side will be synchronized.

3.3.3 Connect to Platform

You can connect the device to the platform to realize data exchange between charging station and third-party systems.

1. Tap **Platform**.
2. Set **Platform Access Mode** to **Private**.
3. Set the platform parameters.
 - 1) Set **Platform Protocol** to **OCPP**.
 - 2) Select **Platform Access Mode**.
 - 3) Set the IP address/domain name and port of the platform.
4. Enter the device ID.
5. Tap **Save**.

3.4 View Historical Information

3.4.1 Historical Faults

Tap **Historical Faults** on the admin home page to view the recent fault information, including fault cause, fault code, and fault time.

3.4.2 Historical Bills

Tap **Historical Bills** on the admin home page to view the device orders, including order time, charging SOC, power consumption, etc.

3.5 System Maintenance

3.5.1 View Device Information

Tap **System Information** → **System Information** to view the device information, including device model, serial No., software version, hardware version, etc.

3.5.2 Change Password

It is recommended to change the password regularly to ensure device security.

Steps

1. Tap **System Information** → **System Information** → **Change**.

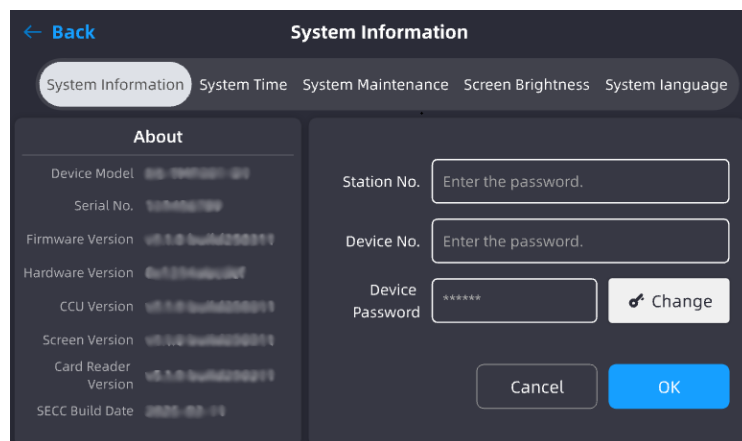


Figure 3-6 QR Code Settings

2. Set the new password.

Note

The password should contain 8 to 16 characters, including at least two types of the following: digits, lowercase letters, uppercase letters, or special characters (!@#\$%&*.).

3. Confirm the password.

4. Tap **OK**.

3.5.3 Sync. Time

Synchronize the device time when it is inconsistent with the actual time.

Steps

1. Tap **System Information** → **System Time**.

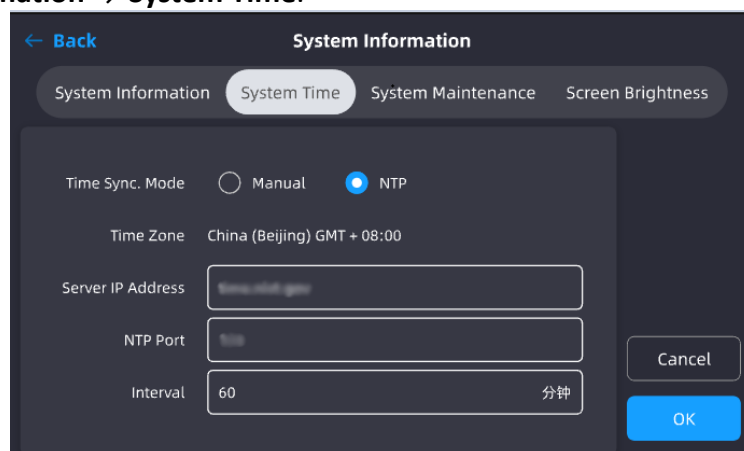


Figure 3-7 Sync. Time

2. Select **Time Sync Mode**.

- **NTP**: Synchronize the device time with that of the NTP server. Set **Server IP Address**, **NTP Port**, and **Interval**. Ensure the connection between the device and the server is normal.
- **Manual.**: Synchronize the device time manually.

3. Tap **OK**.

3.5.4 Adjust Screen Brightness

Tap **Screen Brightness** and set value to adjust the screen brightness.

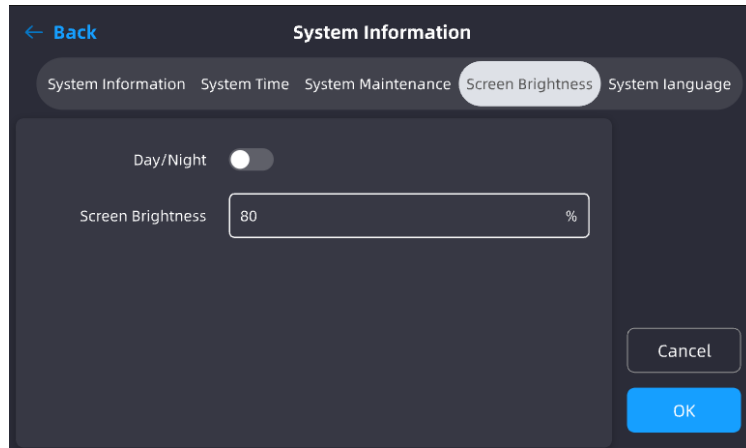


Figure 3-8 Set Screen Brightness

3.5.5 Restore Parameters

When the device is abnormal caused by the incorrect set parameters, you can restore the parameters.

Steps

1. Tap **System Information** → **System Maintenance**.

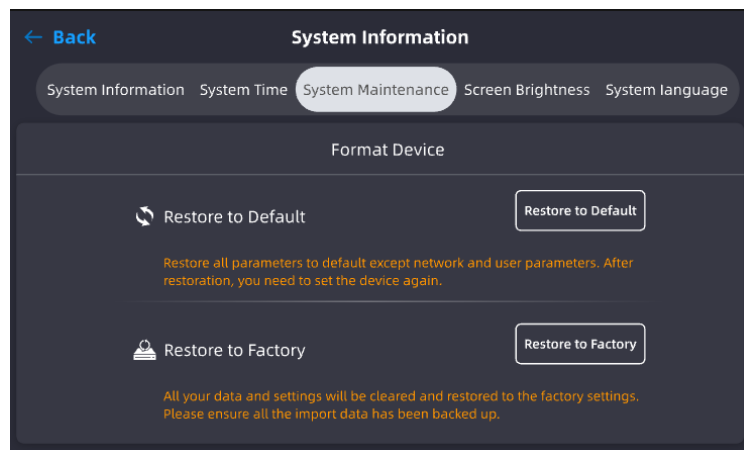


Figure 3-9 Restore Parameters

2. Select the restoration mode.
 - **Restore to Default:** The parameters except the IP parameters, user parameters, and the saved parameters will be restored to the default settings.
 - **Restore to Factory:** Restore all the parameters to the factory settings.
3. Tap **OK**.

Chapter 4 Web Operations

Admin can log in to the device's web interface via a network cable or Wi-Fi to view the device information and configure the device.

4.1 Activation

For the first-time access, you need to activate the device by setting an admin password. No operation is allowed before activation.

4.1.1 Default Information

The device default information is shown as below.

- Default IP address: 192.168.1.64
- Default user name: admin
- Default password: abc12345

4.1.2 Activate via Web Browser

Use a web browser to activate the device. For the device with the DHCP enabled by default, use SADP software or client software to activate the device.

Before You Start

Ensure the device and the computer are in the LAN with the same network segment.

Steps

1. Change the IP address of your computer to the same network segment as the device.
2. Open the web browser, and enter the default IP address of the device to enter the activation interface.
3. Create and confirm the admin password.



Caution

STRONG PASSWORD RECOMMENDED-We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

-
4. Click **OK** to complete activation.
 5. Go to the network settings interface to modify IP address of the device.

4.2 Login and Logout

You can log in to the device via web browser for further operations.

Before You Start

Ensure the device and the computer are in the LAN with the same network segment.

Steps

1. Open the web browser, and enter the IP address of the device to enter the login interface.
2. Optional: Select the language.
3. Enter **User Name** and **Password**.
4. Click **Login**.
5. Optional: Click  on the upper right corner of the interface to log out of the device.

4.3 Card Management

You can add, delete, search, import, and export card information.

4.3.1 Add Card

Steps

1. Go to **Configuration** → **Card Management** → **Card Management**.
2. Click **Add Card**.

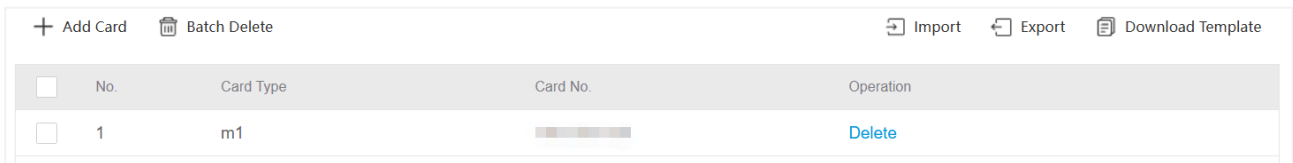


Figure 4-1 Add Card

3. Enter the card No.
4. Click **OK**.

4.3.2 Delete Card

You can delete cards individually or in batches:

- To delete a card, click **Delete** in the **Operation** column.
- To delete multiple cards, select the desired cards, and click **Batch Delete**.

4.3.3 Search Card

You can search card by card type or card No.

Steps

1. Select the search mode.
2. Enter the card No. or choose the card type.
3. Click **Search**.

4.3.4 Import Card

You can import cards in batches using a template.

Steps

1. Click **Download Template**.
2. Open the template, and enter the card type and card No.
3. Click **Import**, and click **Browse** to select the saved template.
4. Click **OK**.

Result

All card information in the template will be added.

4.3.5 Export Card

To export card information to your local, select the desired cards, and click **Export**.

**Note**

If no card is selected, all card information will be exported.

4.4 Application Mode

4.4.1 Set Charging Mode

You can set the device charging mode.

Steps

1. Go to **Configuration** → **Application Mode** → **Application Settings**.

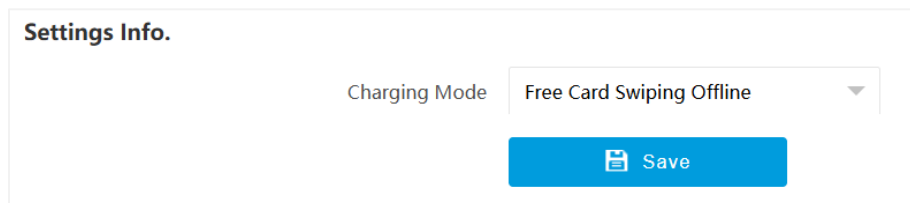


Figure 4-2 Set Charging Mode

2. Select **Charging Mode**. Free Card Swiping Offline and Online Billing are available.
3. Click **Save**.

4.4.2 Set CCU

The CCU (Charging Control Unit) is responsible for monitoring and controlling the EV charging process. You can set the working mode, charging parameter thresholds, and fault detection capabilities.

Steps

1. Go to **Configuration** → **Application Mode** → **CCU Settings**.

The screenshot displays the 'CCU Threshold Settings' and 'CCU Fault Capability Detection' configuration screens. The 'CCU Threshold Settings' section includes 'Mode Settings' with radio buttons for 'International Mode' and 'Compatible Mode' (selected). Below are input fields for 'Charging Station Power Threshold (kW)', 'Charger 1 Power Threshold (kW)', and 'Charger 2 Power Threshold (kW)', each with a slider. The 'Auxiliary Power Voltage' is set to '12V' with a radio button. The 'Stopping Charging SOC Threshold' has an input field with a slider. A blue 'Save' button is present. The 'CCU Fault Capability Detection' section features three toggle switches: 'Electronic Lock Fault' (on), 'Door Open Fault' (on), and 'Fan Fault Compatibility' (off). Below these are two more blue 'Save' buttons and two 'Charger 1Unlock' and 'Charger 2Unlock' buttons.

Figure 4-3 Set CCU Parameters

2. It is recommended to set **Mode Settings** to **Compatible Mode** to support more vehicle models.
3. Set the charging parameters as needed.

CCU Threshold Settings

Set the threshold parameters, including power thresholds for the station and each charger, and stopping charging SOC threshold.

CCU Fault Capability Detection

All fault detection items are enabled by default. If unchecked, the corresponding fault will not be detected.

**Note**

The fault detection items may vary with device models.

4. Click **Save**.
5. (Optional) If the charger is locked after charging ends, click **Charger 1 Unlock** or **Charger 2 Unlock** to unlock it.

4.4.3 Set TCU

The TCU (Telematics and Charging Unit) can achieve functions such as device billing, operation mode control, and display.

Steps

1. Go to **Configuration** → **Application Mode** → **TCU Settings**.

The screenshot displays the 'TCU Settings' interface with the following parameters and controls:

- Charger 1 QR Code**: Text input field.
- Charger 2 QR Code**: Text input field.
- Number of Modules**: Text input field.
- Number of System Charger**: Text input field.
- Power Allocation Plan**: Dropdown menu set to 'First Priority'.
- Temperature Threshold(°C)**: Slider control.
- Charger Temperature Threshold(°C)**: Slider control.
- Min. Output Voltage(V)**: Slider control.
- Max. Output Voltage(V)**: Slider control.
- Min. Output Current(A)**: Slider control.
- Max. Output Current(A)**: Slider control.
- Day/Night Mode**: Toggle switch (currently off).
- Screen Brightness**: Slider control.
- Dual-Charger Charging**: Toggle switch (currently on, highlighted in green).
- High Current (FAST)**: Toggle switch (currently off).
- Battery Current Compatibility**: Toggle switch (currently off).
- High Current (CFC)**: Toggle switch (currently off).
- CC1 Voltage Compatibility**: Toggle switch (currently off).

Figure 4-4 Set TCU Parameters

2. You can view or update the charger QR code link.

**Note**

If the QR code link is updated, the charging QR code on the device side will be synchronized.

3. Set the charging parameters.

**Note**

The parameters may vary with device models. The actual device shall prevail.

- **Temperature Threshold:** Set the max. allowable station temperature.
- **Charger Temperature Threshold:** Set the max. allowable charger temperature.
- **Output Voltage Range:** Set the min. and max. output voltage.
- **Output Current Range:** Set the min. and max. output current.
- **Day/Night Mode:** When enabled, you can set device screen brightness for daytime and nighttime.
- **Screen Brightness:** When day/night mode is disabled, you can set the screen display brightness.
- **Dual-Charger Charging:** Enable it for simultaneous charging with two chargers.
- **High Current (Fast):** When enabled, fast charging at a high current is available if the EV supports it, typically used for dual-charger charging. When disabled, the EV charges at the normal speed.
- **Battery Current Compatibility:** When enabled, charging continues safely even when the battery's demand current exceeds its max. limit. When disabled, the system stops charging with a fault alarm.
- **High Current (CFC):** When enabled, charging speed increases based on the vehicle's request. When disabled, the EV charges at the standard speed.

**Note**

This feature is only applicable to dual-charger charging.

- **CC1 Voltage Compatibility:** When disabled, the CC1 voltage detection range is ± 0.8 V. When enabled, the detection range expands to ± 1.2 V.

4. Click **Save**.

4.5 Search Order

You can view order details, including card No., transaction No., charging time, charging duration, etc.

Steps

1. Click **Search Order**.
2. Select **Search Type**. You can search by time, card No., or transaction No.

3. Set the start time and end time. If search by card No. or transaction No., enter the corresponding No.
4. Click **Search**.
5. Optional: To export charging order information, select the desired order(s), and click **Export**.



If no order is selected, all order information will be exported.

4.6 Fault Records

You can view device fault information, including fault time, charger No., fault code, and details.

Steps

1. Click **Fault Record**.
2. Set the search start time and end time, and click **Search**.
3. Optional: Click **Export** the export the record(s).

4.7 Network Configuration

4.7.1 Set IP Address

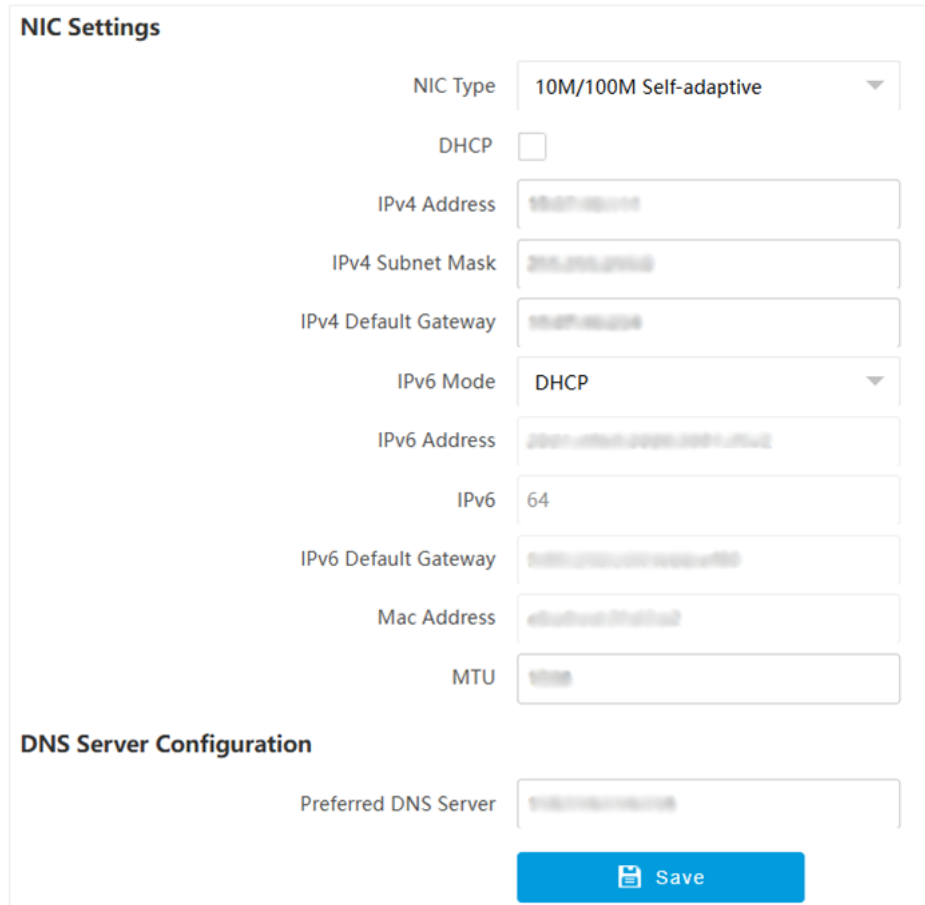
IP address must be properly configured before you operate the device over network. IPv4 and IPv6 are both supported. Both versions can be configured simultaneously without conflicting to each other.



The supported parameters vary with different models. The actual device prevails.

Steps

1. Go to **Configuration** → **Network** → **Network Parameters** → **Network Interface**.



The screenshot shows the 'NIC Settings' and 'DNS Server Configuration' sections of a web interface. The 'NIC Settings' section includes fields for 'NIC Type' (set to '10M/100M Self-adaptive'), 'DHCP' (unchecked), 'IPv4 Address', 'IPv4 Subnet Mask', 'IPv4 Default Gateway', 'IPv6 Mode' (set to 'DHCP'), 'IPv6 Address', 'IPv6', 'IPv6 Default Gateway', 'Mac Address', and 'MTU'. The 'DNS Server Configuration' section includes a 'Preferred DNS Server' field. A blue 'Save' button is located at the bottom right of the form.

Figure 4-5 Set IP Address

2. Set the following parameters.

NIC Type

Select a NIC (Network Interface Card) type according to your network condition.

IPv4

Two modes are available.

DHCP

The device automatically gets the IP parameters from the network if you check **DHCP**. The device IP address is changed after enabling the function. You can use SADP to get the device IP address.



The network that the device is connected to should support DHCP (Dynamic Host Configuration Protocol).

Manual

You can set the device IP parameters manually. Enter **IPv4 Address**, **IPv4 Subnet Mask**, and **IPv4 Default Gateway**.

IPv6

Three IPv6 modes are available.

Route Advertisement

The IPv6 address is generated by combining the route advertisement and the device Mac address.



Note

Route advertisement mode requires the support from the router that the device is connected to.

DHCP

The IPv6 address is assigned by the server, router, or gateway.

Manual

Enter **IPv6 Address**, **IPv6 Prefix Length**, and **IPv6 Default Gateway**. Consult the network administrator for required information.

MTU

It stands for maximum transmission unit. It is the size of the largest protocol data unit that can be communicated in a single network layer transaction.

The valid value range of MTU is 1280 to 1500.

DNS

It stands for domain name server. It is required if you need to visit the device with domain name. And it is also required for some applications (e.g., sending email). Set **Preferred DNS Address** properly if needed.

3. Click **Save**.

4.7.2 Set Port

The device port can be modified when the device cannot access the network due to port conflicts. Go to **Configuration** → **Network** → **Network Parameters** → **Port** for port settings.

HTTP Port

HTTP Port

HTTPS Port

Enable HTTPS Port ☒

HTTPS Port

SDK Port

SDK Port

SADP Port

Enable SADP Port ☒

 Save

Figure 4-6 Set Port

HTTP Port

It refers to the port through which the browser accesses the device. For example, when the HTTP port is modified to 81, you need to enter ***http://192.168.1.64:81*** in the browser address bar for login.

HTTPS Port

It refers to the port through which the browser accesses the device, but certificate verification is needed.

SDK Port

It refers to the port through which the client adds the device.

SADP Port

It refers to the port through which the SADP software searches the device. Select the SADP version.



Note

- After editing the port, access to the device via the new port.
- Reboot the device to bring the new settings into effect.
- The supported ports vary with different models. The actual device prevails.

4.7.3 Connect to Platform

You can connect the device to the platform via OCPP (Open Charge Point Protocol) to realize data exchange between charging station and third-party systems, supporting functions such as remote monitoring and payment process.

Steps

1. Go to **Configuration → Network → Data Connection → Third-Party Operation Protocol**.

The screenshot shows a configuration window titled "Protocol Type". It contains the following fields and values:

- Platform Protocol: OCPP (dropdown menu)
- Enable: ☒ (checkbox)
- Address Type: IP Address (dropdown menu)
- IP Protocol Version: ipv4 (dropdown menu)
- IPv4 Address: (empty text input field)
- Port: (empty text input field)
- Registration Status: Offline (dropdown menu)
- At the bottom right is a blue button with a save icon and the text "Save".

Figure 4-7 Connect to OCPP

2. Set **Platform Protocol** to **OCPP**.
3. Enable the function.
4. Set the platform parameters.
 - 1) Select **Address Type**.
 - 2) Set the IP address/domain name and port of the platform.
5. Click **Save**.

What to do next

When the registration status is online, you can manage the device via the platform or server.

4.8 Safety Management

4.8.1 Manage User

To enhance system security, admin can set password level and change the password.

Steps

1. Go to **Configuration → System → User Management → User List**.
2. Select **Password Level**. The password level should conform to the selected level.

**Caution**

To increase security of using the device on the network, please change the password of your account regularly. Changing the password every 3 months is recommended. If the device is used in high-risk environment, it is recommended that the password should be changed every month or week.

3. Optional: To change the admin password, click **Edit** under the **Operation** column. Enter the admin password, set the new password, and click **OK**.

4.8.2 Enable User Lock

To raise the data security, you are recommended to lock the current IP address.

Steps

1. Go to **Configuration** → **System** → **Security** → **Security Service** → **Software**.
2. Enable user lock.
3. Click **Save**.

Result

When the times you entered incorrect passwords have reached the limit, the current IP address will be locked automatically.

4.8.3 Set SSH

To raise network security, you are recommended to disable SSH service. The configuration is only used to debug the device for the professionals.

Steps

1. Go to **Configuration** → **System** → **Security** → **Security Service** → **Software**.
2. Enable or disable **SSH Service**, and set **SSH Port** if you enable the function.
3. Click **Save**.

4.8.4 Set Timeout Logout

You can improve network access security by setting timeout logout.

Steps

1. Go to **Configuration** → **System** → **Security** → **Security Service** → **Timeout Logout**.
2. Enable timeout logout for static page.
3. Set **Max. Timeout**.
4. Click **Save**.

Result

When the page static time exceeds the set time, the device will automatically log out.

4.9 Maintenance

4.9.1 View Device Information

Basic Information

To view the device basic information and software version, go to **Configuration** → **System** → **System Settings** → **Basic Information**. You can edit **Pile No.** and **Device No.** The device No. is used to control the device. It is recommended to reserve the default value.

Device Status

Go to **Configuration** → **System** → **System Settings** → **Device Status**, you can view the device running status, platform information, and charger status.

Module Details

Go to **Configuration** → **System** → **System Settings** → **Module Details**, you can view each module information.

4.9.2 Synchronize Time

Synchronize the device time when it is inconsistent with the actual time.

Steps

1. Go to **Configuration** → **System** → **System Settings** → **Time Settings**.
2. Select **Time Zone**.
3. Select **Sync Mode**.

NTP Time Sync.

Select it to synchronize the device time with that of the NTP server. Set **Server IP**, **NTP Port**, and **Interval**. Click **NTP Test** to test if the connection between the device and the server is normal.

Manual Time Sync.

Select it to synchronize the device time with that of the computer. Set time manually, or check **Sync. with computer time**.



Note

The time synchronization modes vary with different models. The actual device prevails.

4. Click **Save**.

4.9.3 Set DST

If the region where the device is located adopts DST (Daylight Saving Time), you can set this function.

Steps

1. Go to **Configuration** → **System** → **System Settings** → **Time Settings** → **DST**.

2. Enable **DST**.
3. Set **Start Time**, **End Time**, and **DST Bias**.
4. Click **Save**.

4.9.4 Enable System Log Service

The security audit logs refer to the security operation logs. You can search and analyze the security log files of the device so as to find out the illegal intrusion and troubleshoot the security events. Security audit logs can be saved on device internal storage. The log will be saved every half hour after device booting. Due to limited storage space, you are recommended to save the logs on a log server.

Steps

1. Go to **Configuration** → **System** → **Security** → **Log Audit Service**.
2. Enable system log service.
3. Enter **IP Address** and **Port** of the log server.
4. Click **Save**.

Result

The device will upload the security audit logs to the log server regularly.

4.9.5 Download Debug Data

You can search and download log files within a specified time range.

Steps

1. Go to **Configuration** → **System** → **Maintenance** → **Debug Data Download**.
2. Select **Log File** from the dropdown box.
3. Set the start time and end time.
4. Click **Search**. You can view the log files within the set time range.
5. Optional: Select the desired log file(s), and click Download to download to your PC.



Note

Up to 30 records of data can be collected once. The collection will stop automatically if the data exceeding the limit.

4.9.6 Upgrade

Upgrade the system when you need to update the device version.

Before You Start

- Update the plugin before upgrade.
- Prepare the upgrade file in .dav format.

Steps

1. Go to **Configuration** → **System** → **Maintenance** → **Upgrade & Maintenance**.
2. Click **Browse** under **Upgrade** to select the upgrade file.
3. Click **Upgrade**.
4. Click **OK** in the popup window.

**Note**

The upgrading process will take 1 to 10 minutes. Do not power off the device. The device will restart automatically after upgrading. If the network condition is poor, it may take more time.

Result

The device will reboot automatically after upgrade.

4.9.7 Reboot

When the device needs to be rebooted, reboot it via the software instead of cutting off the power directly.

Steps

1. Go to **Configuration** → **System** → **Maintenance** → **Upgrade & Maintenance**.
2. Click **Reboot**.
3. Click **OK** to reboot the device.

**Note**

You can also click  on the upper right corner of the interface to reboot the device.

4.9.8 Restore Parameters

When the device is abnormal caused by the incorrect set parameters, you can restore the parameters.

Steps

1. Go to **Configuration** → **System** → **Maintenance** → **Upgrade & Maintenance**.
2. Select the restoration mode.
 - Click **Restore**, and select the parameters to be saved instead of being restored. Click **OK**. Then the parameters except the IP parameters, user parameters, and the saved parameters will be restored to the default settings.
 - Click **Restore Factory Settings** and click **OK** to restore all the parameters to the factory settings.
3. Click **OK**.

4.9.9 Import Configuration File

Import the configuration file of another device to the current device to set the same parameters.

Before You Start

Save the configuration file to the computer.



Caution

Importing configuration file is only available to the devices of the same model and same version.

Steps

1. Go to **Configuration** → **System** → **Maintenance** → **Upgrade & Maintenance**.
2. Click **Show Details**.
3. Click **Browse** under the **Import Data** tab to select the configuration file.
4. Click **Import**.
5. Enter the password which is set when the configuration file is exported, and click **OK**.
6. Click **OK** on the popup window.

Result

The parameters will be imported, and the device will reboot.

4.9.10 Export Parameters

You can export the parameters of one device, and import them to another device to set the two devices with the same parameters.

Steps

1. Go to **Configuration** → **System** → **Maintenance** → **Upgrade & Maintenance**.
2. Click **Export** after **Configuration Parameters**.
3. Set an encryption password, confirm the password, and click **OK**.



Note

The password is used for importing the configuration file of the current device to other devices.

4. Select the saving path, and enter the file name.
5. Click **Save**.



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