Smart Device 2000

Quick Start Guide

Please read the Quick Start Guide carefully before using the product and keep it.

About this Manual

- Use this manual as a guide. The photos, graphics, icons, etc. provided in the manual are for explanation purposes only, and may differ from the specific products. Please prevail in kind.
- This manual may be upgraded later for product upgrading or other request needs; For the lastest version, pls contact our after sales.

Responsibility Statement

- To the fullest extent permitted by law , product described in this manual (hardware, software, firmware,etc included) is provided "as is", No expressed warranties or implied warranties is made by us, including but but not limited to its marketability, quality-satisfaction; special purpuse-serving, Non infringement of third party rights; No responsibility is bared by us for any special, collateral, Incidental or indirect damage caused by using our manual or product, including but not limited to damge on commercial profit loss, date or file loss.
- Regarding to the product with internet access, the use of product shall be wholly at your own risks. Our company shall not take any responsibilites for abnormal operation, privacy leakage or other damages resulting from cyber attack hacker attack, virus inspection, or other internet security risks; however, our company will provide timely technical support if required.
- Regulatory approaches are influenced by jurisdictions.Before using this product, please check all relevant laws in your jurisdiction to ensure that your use confirms the applicable laws.If the product is used with illegal products or used for other improper purposes such as infringing the rights of third parties, the company shall not assume any responsibility.
- In the event of any conflicts between this manual and the applicable law, the legal provisions shall prevail.

1. Products Description

Smart Terminal 2000 is a face recognition temperature sensing terminal independently developed by our company that integrates face recognition, temperature measurement, attendance, and wireless connection.

A number of high and new technologies have been adopted, such as video and audio coding and decoding technology, embedded system technology, storage technology, network technology and intelligent technology.

It has excellent face recognition and living body judgment functions, and accurate correction of body temperature detection technology based on AI algorithm to achieve real-time matching of face and body temperature. When the body temperature is abnormal, the device will broadcast the voice.

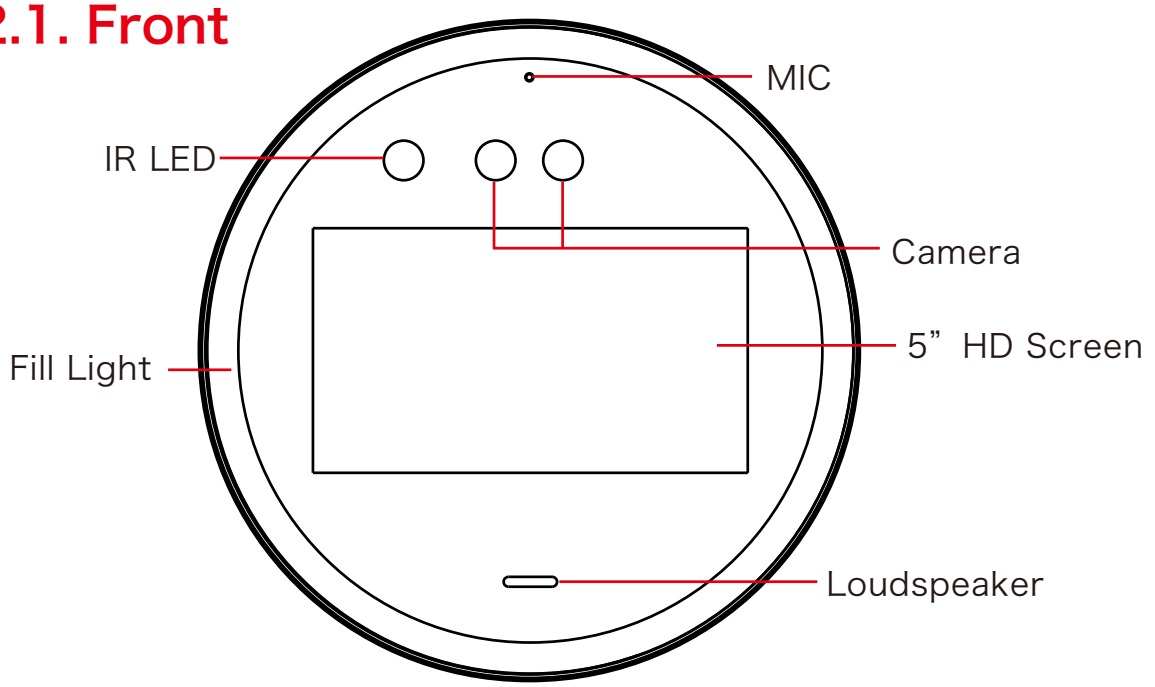
After the smart terminal 2000 is installed, the device can be managed through the SDP2000 platform or the device-side web page.

The attendance management function can realize 24-hour smart attendance check-in by setting attendance points and attendance plans, manage and query attendance records, control access control switches based on the recognition results, and generate attendance reports. One machine for multiple uses, which will bring all-round guarantees for enterprises and stores to resume work after the epidemic.

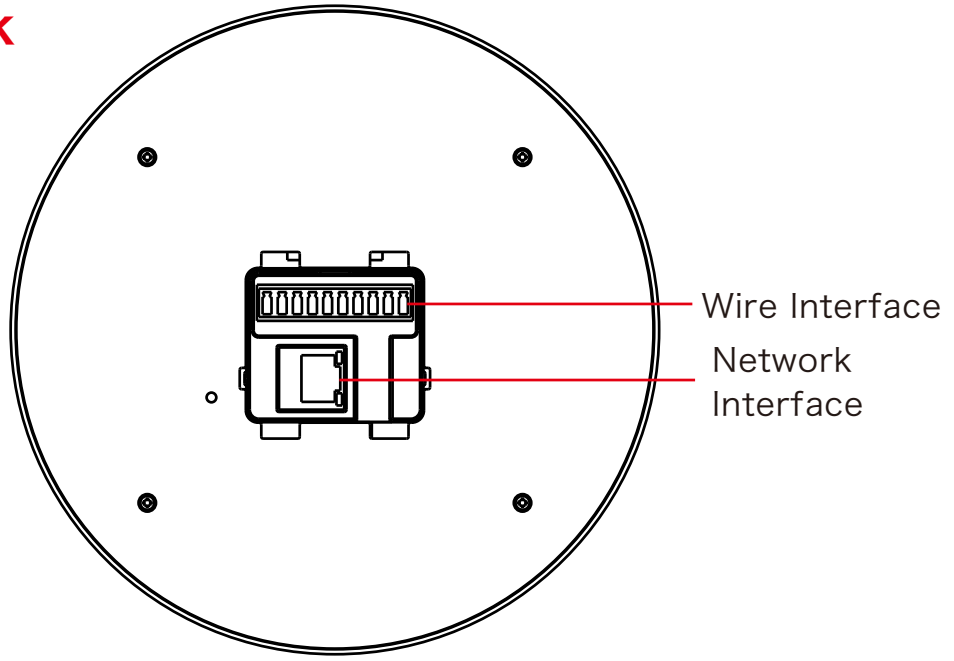
At present, in response to the multi-element requirements of various applications, this product can be widely used in airports, entry and exit gates, railway stations, government agencies, schools, scenic spots, large factories and other places that require identification. This product will help customers achieve more efficient, safer and smarter access management.

2. Products Appearance

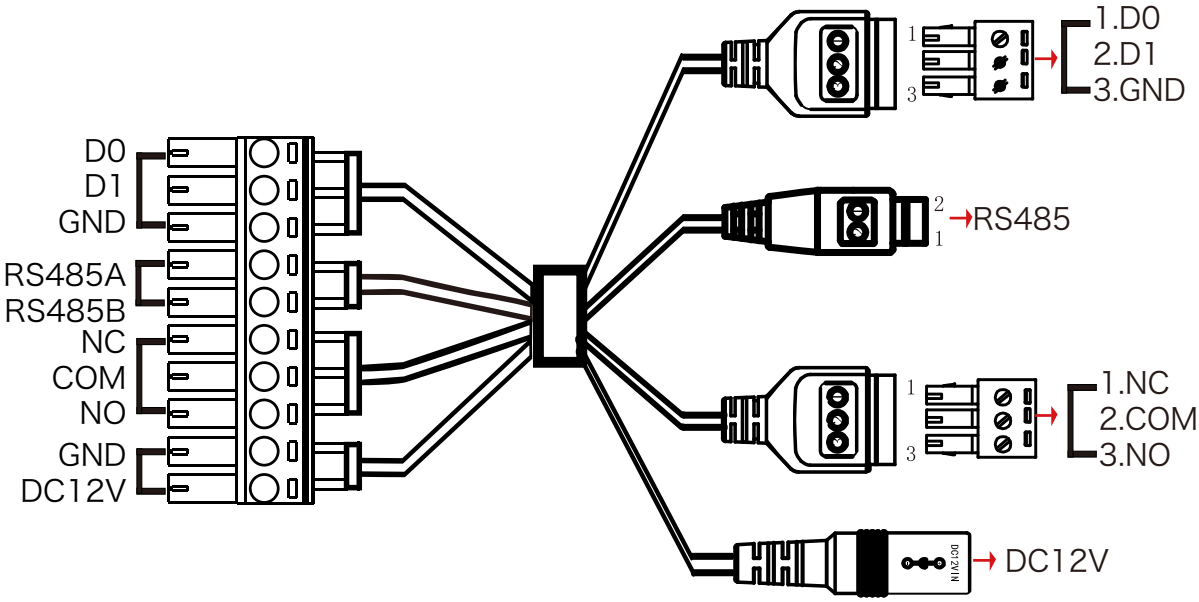
2.1. Front



2.2. Back



3. Wire Interface



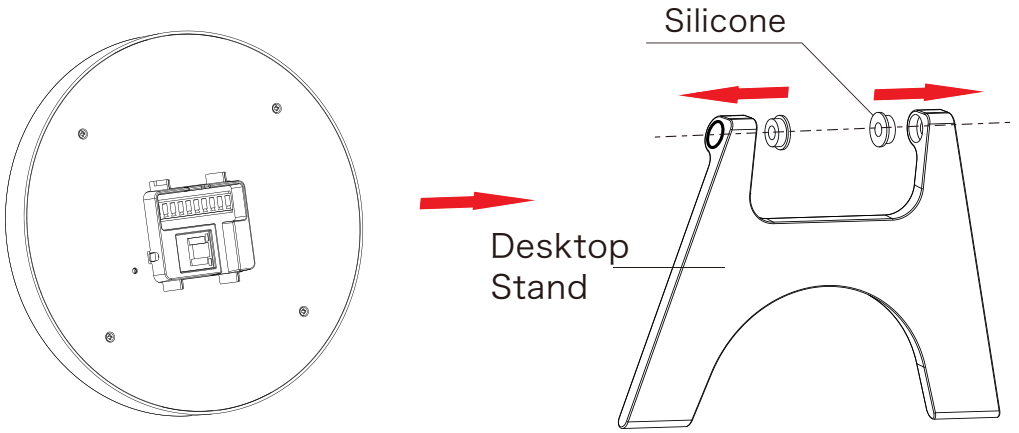
Interface	Mark	Color
Wiegand Interface	D0	Blue
	D1	Purple
	W_GND	Gray
RS485 Interface	485A	Brown
	485B	Orange
Relay Interface	NC	Green
	COM	Yellow
	NO	White
Power Interface	GND	Black
	DC12V	Red

4. Device Installation

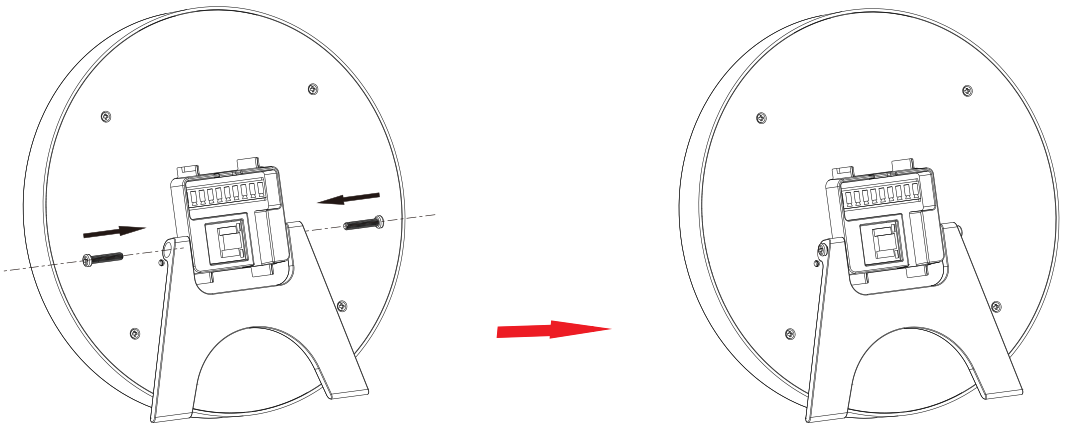
4.1. Installed On The Desktop

Step 1: Turn the camera end of the device upward and turn it to the back.

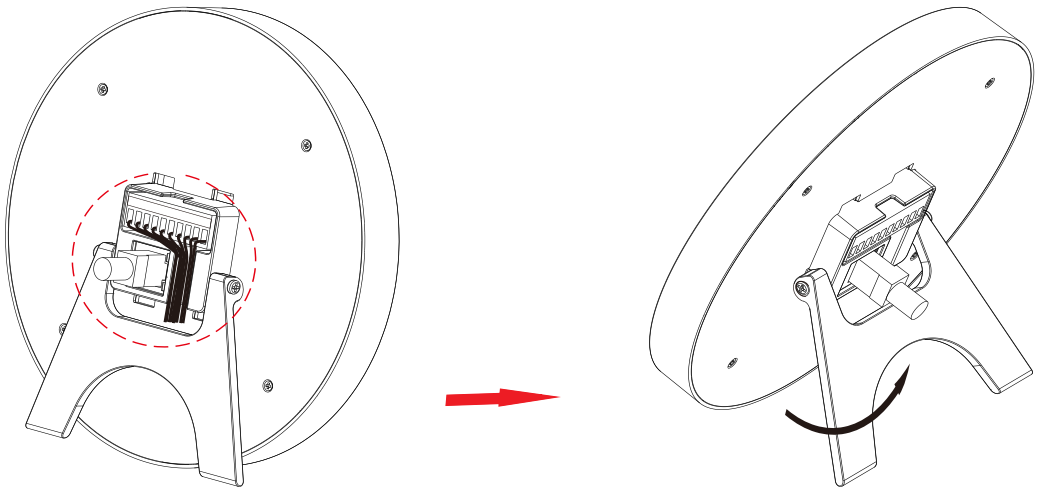
Step 2: Put the silicone ring into the screw hole position on the inside of the desktop bracket.



Step 3: Align the holes of the bracket with the holes of the device, and fasten the bracket to the body with screws.

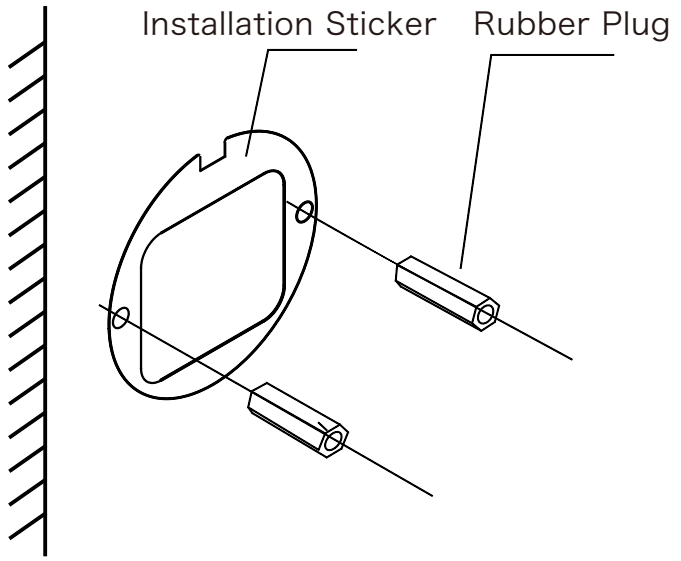


Step 4: Connect wires. To spread the desktop stand and adjust the angle as needed.

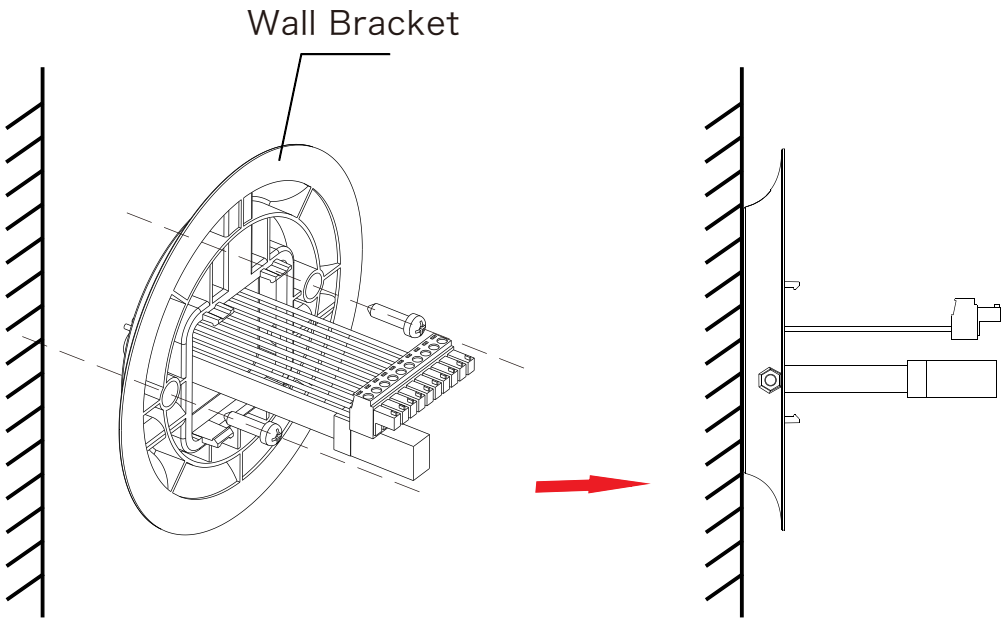


4.2. Wall Mounted

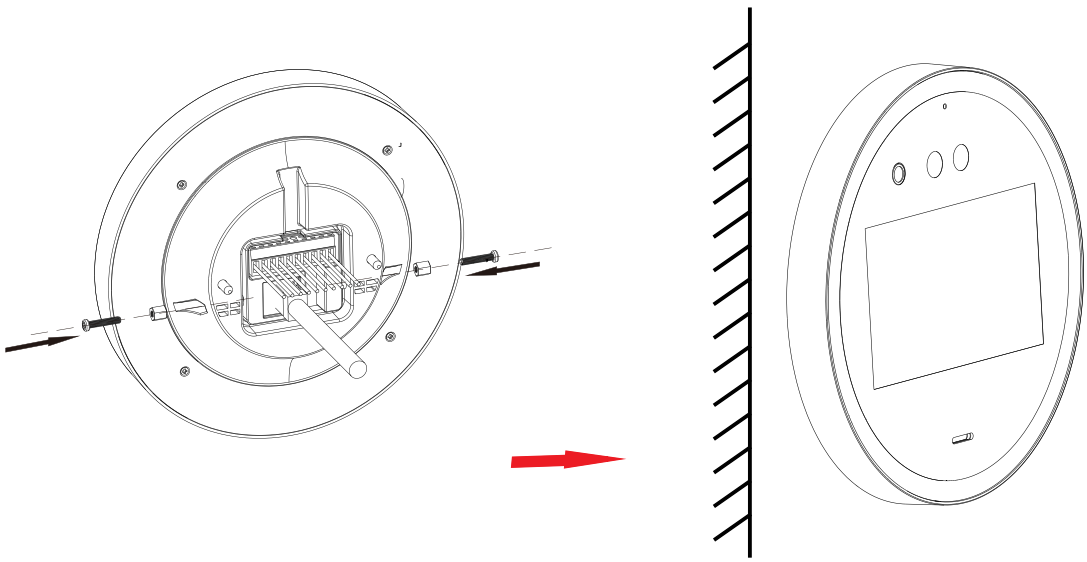
Step 1: According to the installation sticker, open holes on the wall and install the rubber plug.



Step 2: Pass the network cable and 10PIN wire through the wall bracket, and arrange the wire into the wire groove, then fix the bracket to the wall with screws.



Step 3: Connect wires, install the device on the wall bracket, then align the screw holes on the left and right sides, install the nuts and lock the screws.



5. Platform Operation

Boot

According to the introduction of the wire interface, connect the device to the network so that the device and the configuration computer are under the same router, and power on.

5.1. Platform Installation

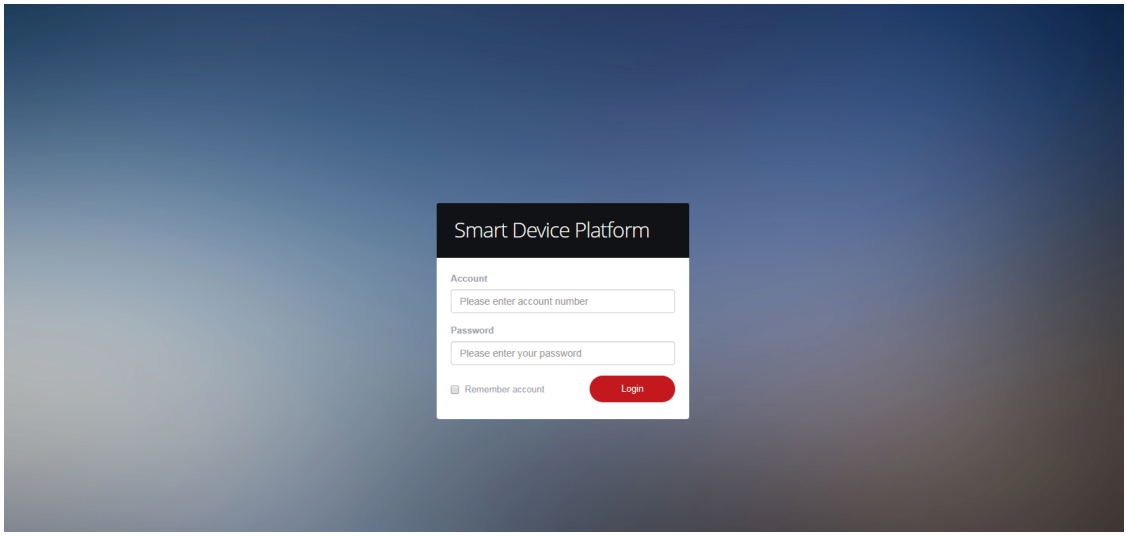
Step 1: Under the Windows operating system, double-click "SDP2000_EN_x64_VX.X. X.exe", and follow the prompts to perform the installation.

Step 2: After the installation is complete, the desktop displays the SDP2000 Sever platform icon.

5.2. Log In

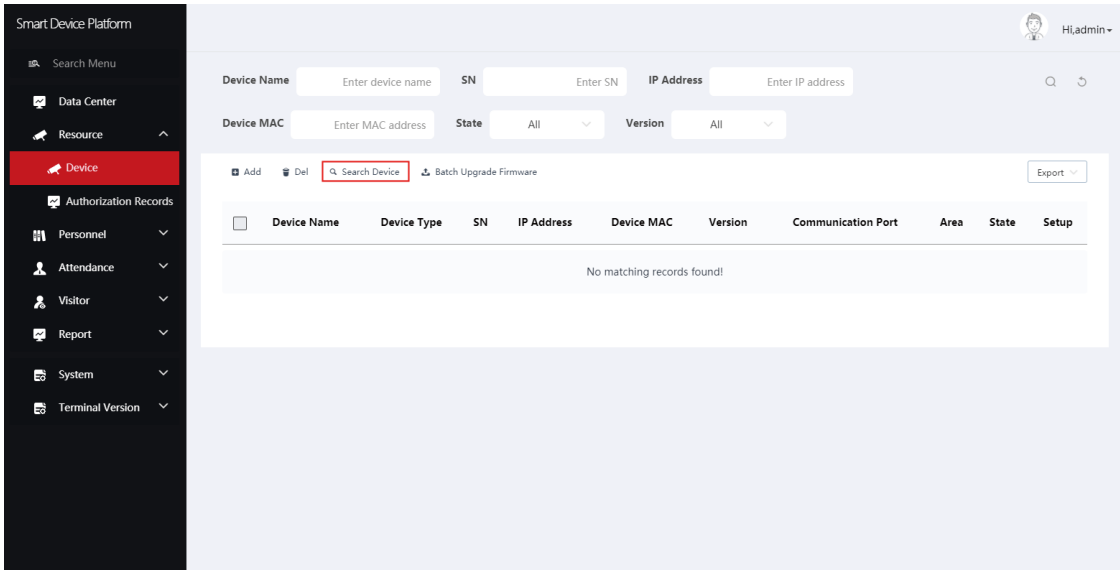
Step 1: Double-click on the desktop " " to enter the login interface. Google Chrome or Firefox browser is recommended).

Step 2: Enter the user name "admin", password "admin", and click "Login" to log in to the LAN platform.

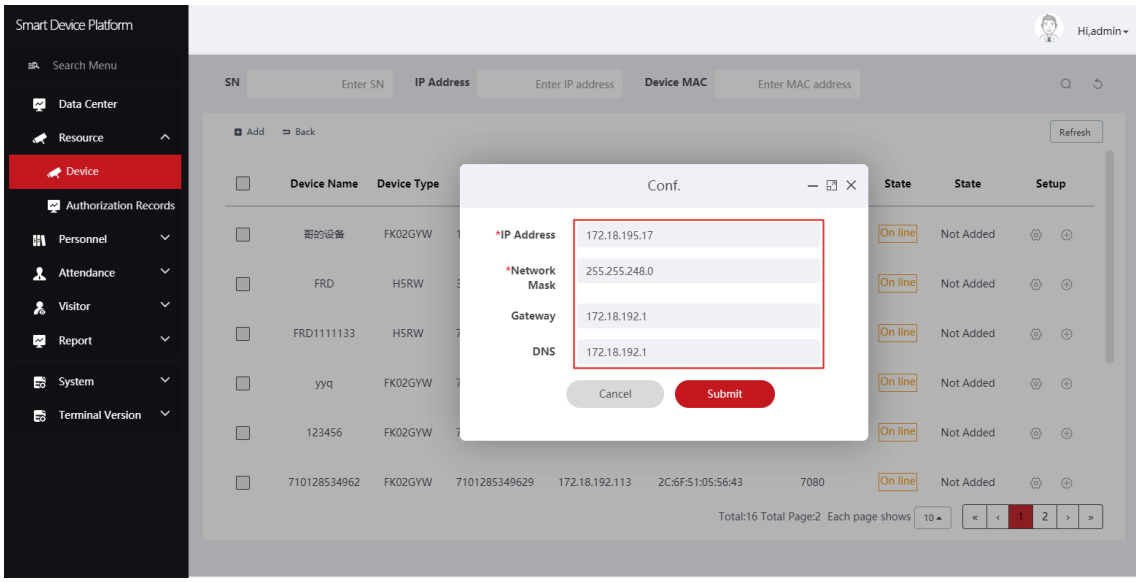


5.3. Add Device

Step 1: After logging into the platform, check "Resource - Device - Search Device".

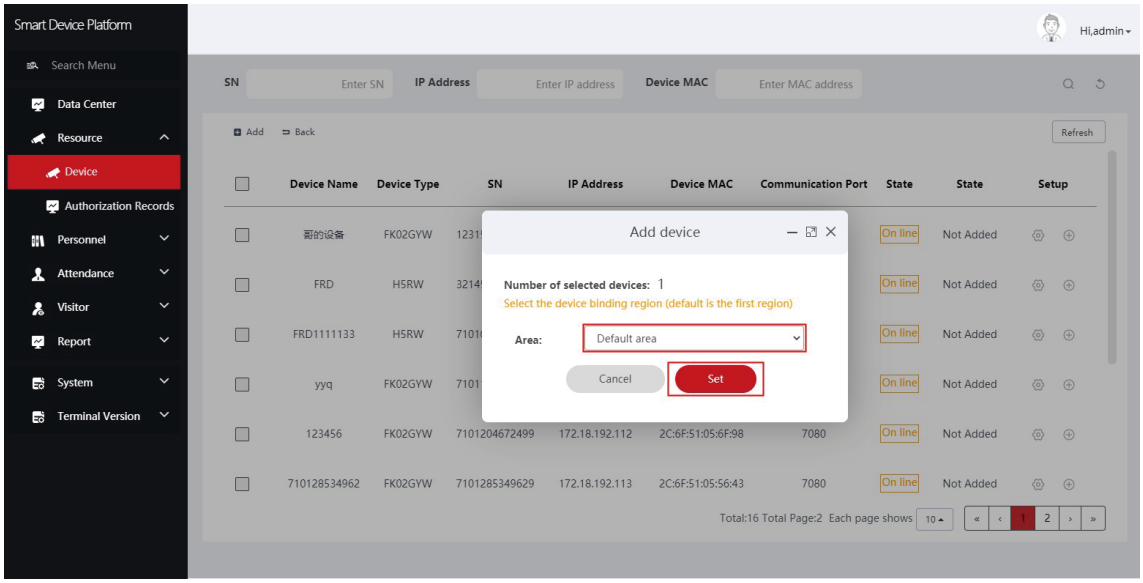


Step 2: Select the device, click " ⚙ " to modify the device IP, and click "Submit".



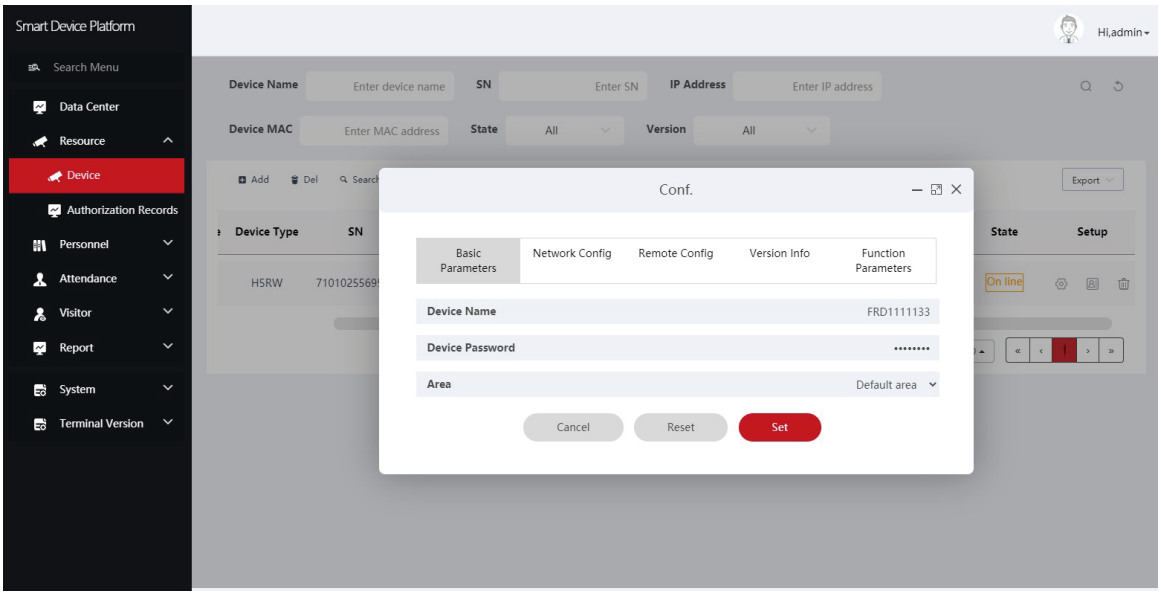
The device is turned on "DHCP" by default after leaving factory.
If the device is not connected to a DHCP server, but DHCP is set to "On", the default values are as follows:
IP Address: "192.168.1.88" Subnet Mask: 255.255.255.0 Port: "80"
(Some device ports are "7080")

Step 3: Select the device and click " ⊕ " or " ✚ Add ", select the area, and click "Set".



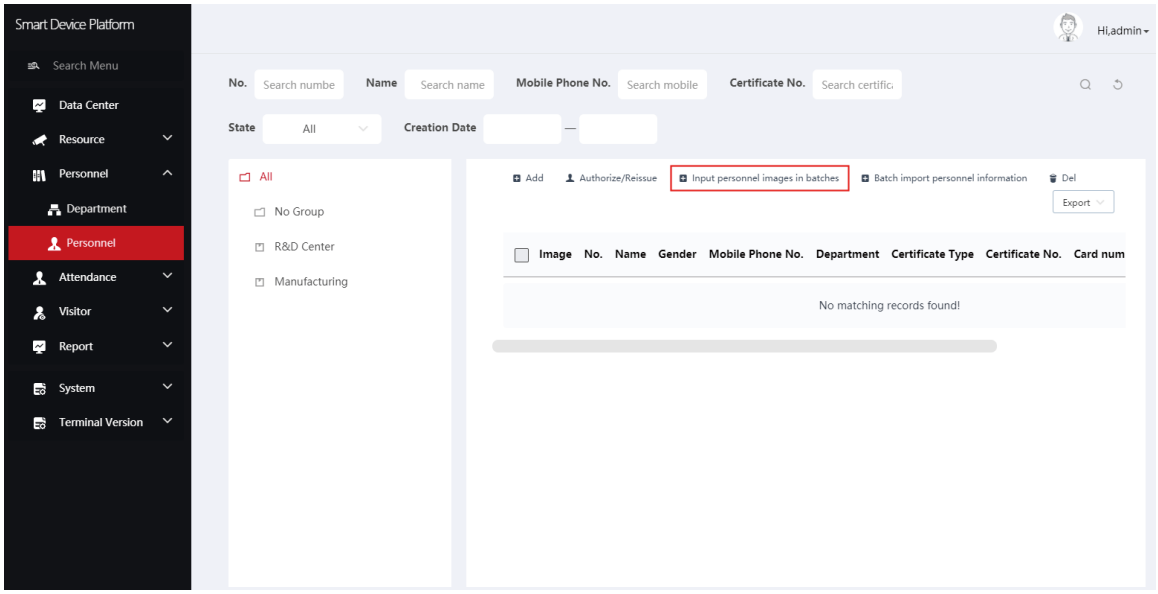
5.4. Device Configuration

After logging in to the platform, enter the "Device" interface and click "⚙" to configure the basic parameter and other parameter of network, remote, function and delete the device.



5.5. Import Face Library

Step 1: [Input personnel images in batches] After logging into the platform, click "Personnel - Personnel - Import personnel images in batches" - select pictures - "Upload" and the pictures are added into the device.



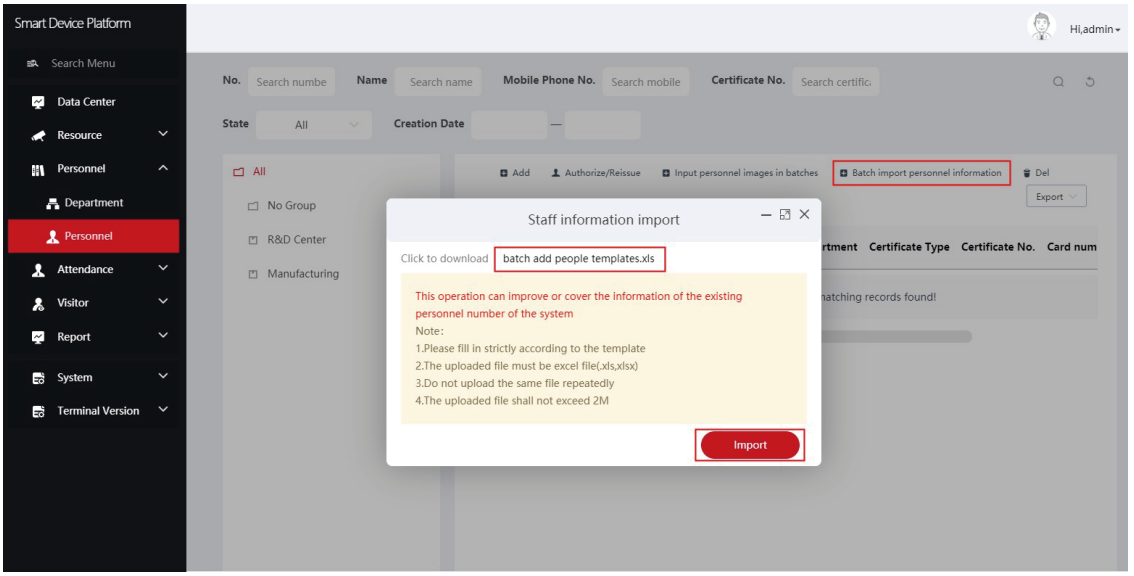
CAUTION

[Input personnel information in batches] When importing pictures in batches, the pictures must meet the following requirements:

1. The picture naming format can be set as: name.jpg, name_department name.jpg, name_department name_ personnel number.jpg (the department name must exist in the system; the personnel number must be unique).

2. Ensure a clear face picture and the total size must less than 80M.

Step 2: Click "Input personnel in batches - batch add people templates.xls", download "Templates", enter personnel information in the template according the picture, then save the template, click "Import", and import the saved personnel information template.

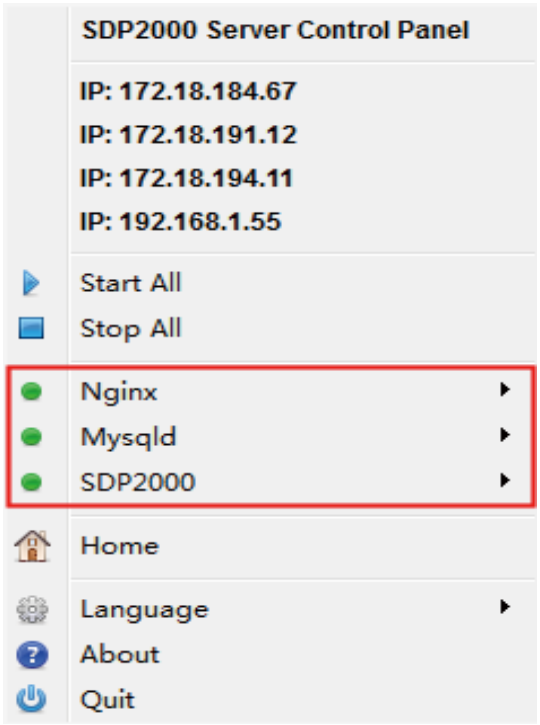


Step 3: After the gallery is added into device it can realize face recognition.

CAUTION

When abnormality occurs on the smart terminal platform, such as abnormal reading or abnormal data interface request, please follow the steps below:

Right-click the running SDP2000 icon in the lower right corner of the desktop to check whether the status of Nginx, Mysqld, and SDP2000 is green (normal state). If any item is displayed in gray, restart the software to make it green.



6. Online Upgrade

Prerequisites: The device is connected to the Internet.

- **Auto online upgrade**

Step 1: Open the IE browser, enter "http: // device IP address: port number", such as "http://192.168.1.88", enter the login interface, enter the device default user name (admin) and password (12345).

Step 2: Click "Configuration→System Configuration→Maintain", check "Auto Online upgrade", every Wednesday (this time can be set to other day) the equipment automatically detects whether there is a new version online, when "New version detected, update or not" is displayed, click "Upgrade" , The device interface displays "Upgrade will start after reboot. Please do not shutdown the power", then the upgrade progress bar will be displayed, and the latest version of the program will be used after the upgrade is completed.

- **Manual online upgrade**

Step 1: Open the IE browser, enter "http: // device IP address: port number", such as "http://192.168.1.88", enter the login interface, enter the device default user name (admin) and password (12345).

Step 2: Download the upgrade file and click "Configuration→System Configuration→Maintain → Online Test". When there is a new version, the system will prompt a sign stating whether to download it? Click "OK" to automatically download the new version to the default path.

Step 3: In the upgrade file location, click "Browse", select the downloaded upgrade file, click "Upgrade", the device interface will display "Upgrade will start after reboot. Please do not shutdown the power", the device starts to upgrade, and wait for the upgrade progress bar to complete. The equipment is upgraded.