

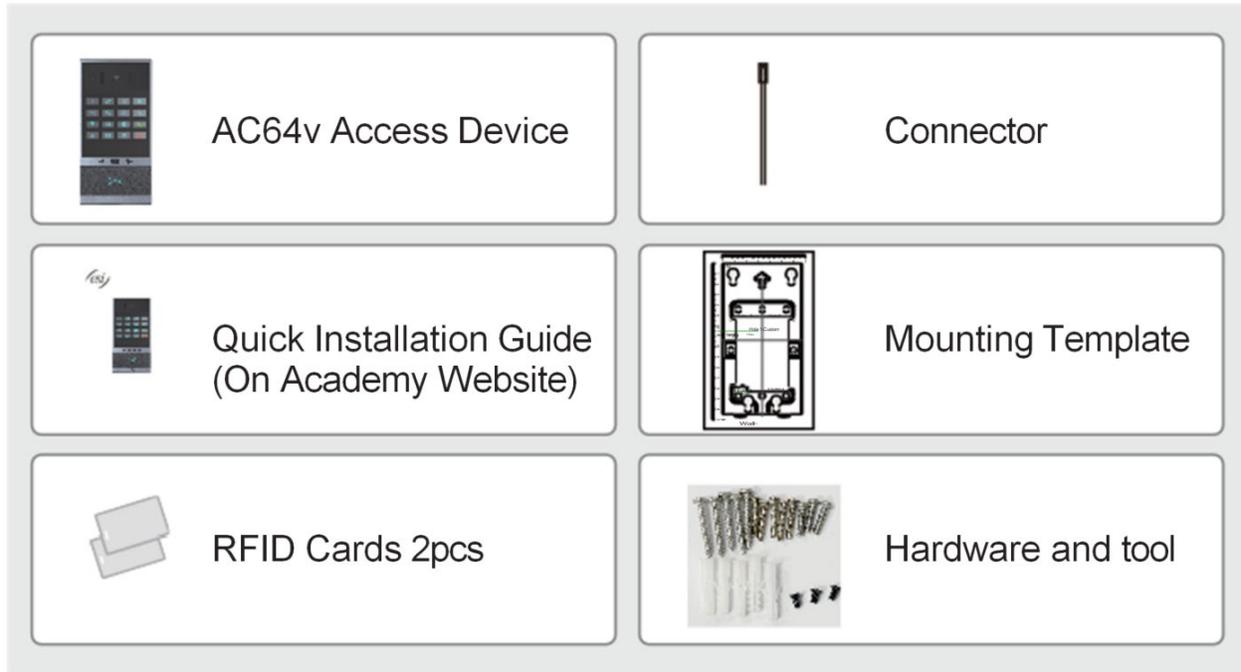
esi eSIP and eCloud

AC64v Access Device Quick Install Guide

This guide instructs on installation and basic door unlocking settings of the ESI AC64v Access Device.



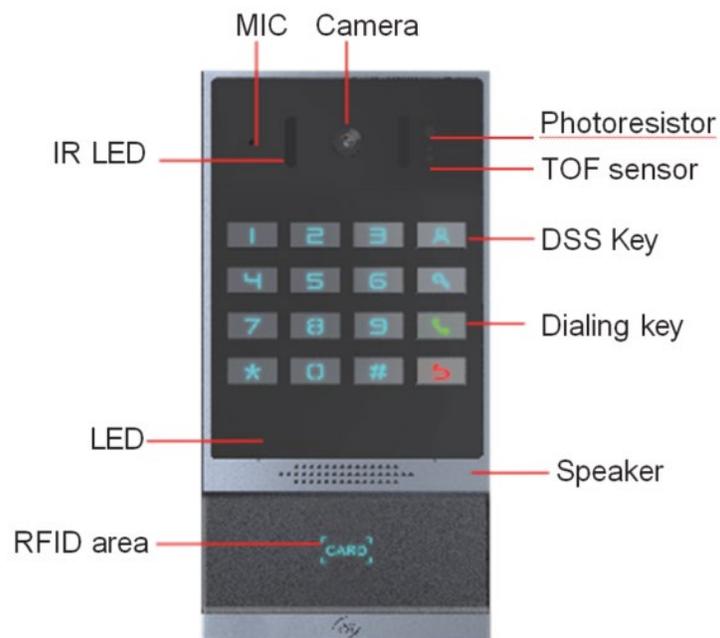
Package Contents



Physical Specifications

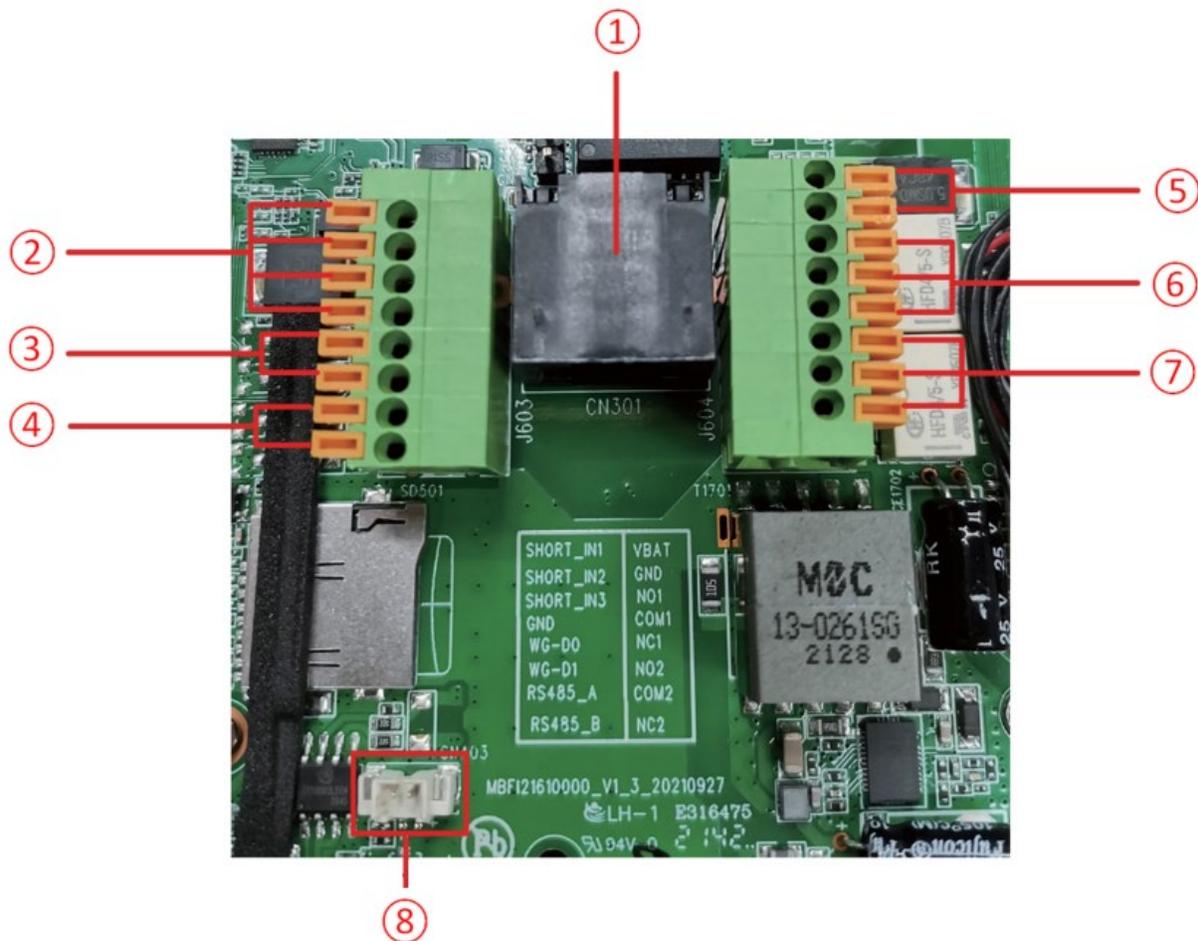
Model	Device size
AC64v	7 x 3.47 x 1.43 inches (177.4 x 88 x 36.2 mm)

Front Panel



Wiring Interface

Open the rear case of the device, there is a row of terminal blocks for connecting the power supply, electric lock control, etc. The connections are as follows:



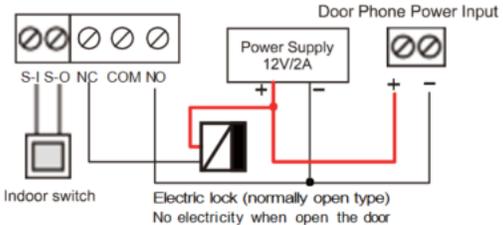
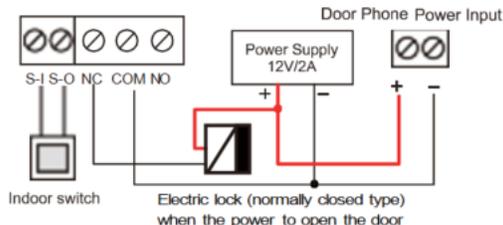
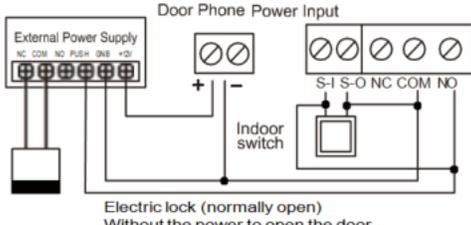
Reference Number	Description
1	Ethernet interface: standard RJ45 interface, 10/100M adaptive, Cat5e network cable or better is recommended.
2	Two sets of short-circuit input detection interfaces: for connecting switches, infrared probes, door magnets, vibration sensors and other input devices.
3	Wiegand interface.
4	RS485 interface.
5	Power interface: 12V/1A input up positive, down grounded.
6, 7	Two sets of short-circuit output control interface: used to control electric locks, alarms, etc.
8	Line out interface.

Wiring Instructions

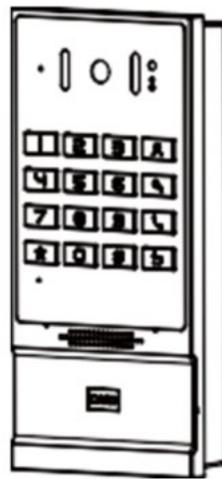
NO: Normally Open Contact

COM: Common Contact

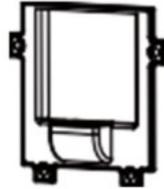
NC: Normally Close Contact.

Driving Mode	Electric Lock Mode		Connections
Passive	No electrical path when open	Electrical path when open	Connections
√	√		 <p style="text-align: center;">Electric lock (normally open type) No electrical path to open door.</p>
√		√	 <p style="text-align: center;">Electric lock (normally closed type) Electrical path to open door.</p>
√	√		 <p style="text-align: center;">Electric lock (normally open) Without the power to open the door Electric lock (normally open) No power to open door.</p>

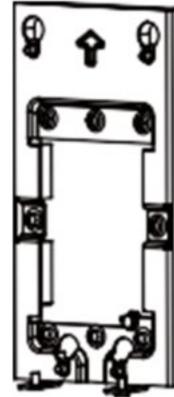
Installation Diagram



Panel Main Body



Back Shell



Wall Bracket

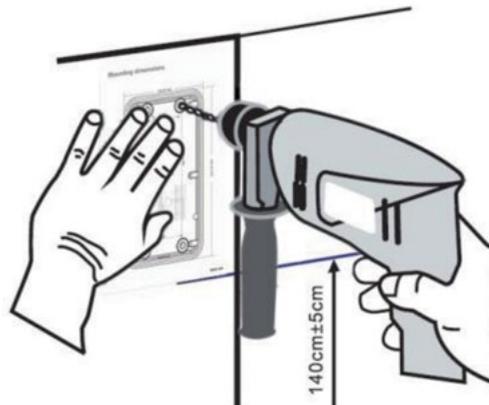
Wall mounting

Step 1: Installation preparation

- Check the following contents:
 - KM3*6 screws x3
 - TA4*30mm screws x5
 - 6*30mm screw anchors x5
 - PM4*16mm screw x3
 - TM6#*20/ screw x3
- Tools that may be required:
 - Phillips screwdriver, hammer, RJ45 crimper
 - Electric impact drill with an 8mm drill bit

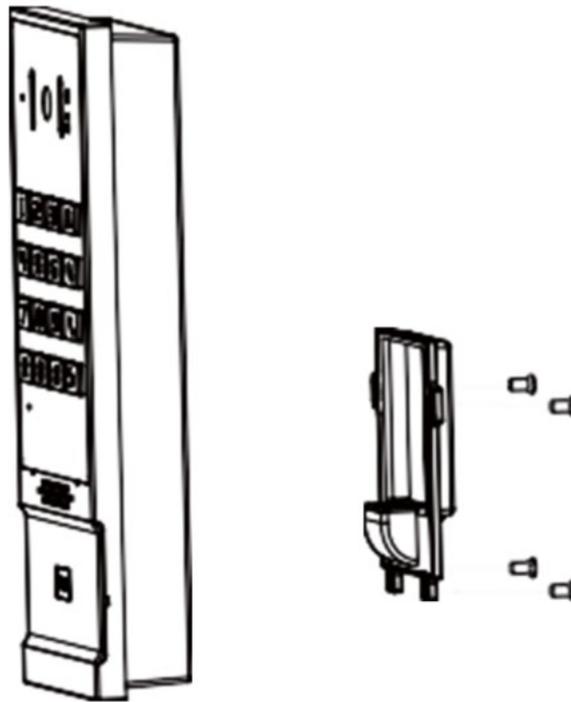
Step 2: Drilling

1. Place the mounting template with dimensions on the surface of a wall in a desired flat position.
2. Use an electric drill to drill the 4 holes marked on the mounting template. It is recommended to drill about 50mm deep. Remove the template when finishing drilling.
3. Push or hammer screw anchors into the drilled holes



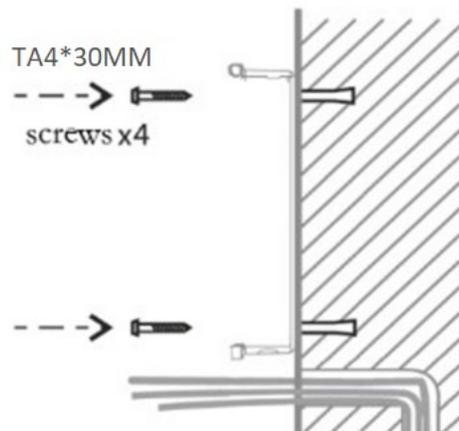
Step 3: Removing hanging bracket and back shell.

Detach the wall bracket downward from the device and loosen the four screws on the rear cover using a screwdriver, as shown below.

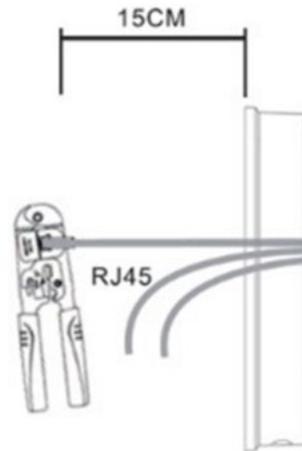


Step 4: Install the wall bracket, wiring and casing

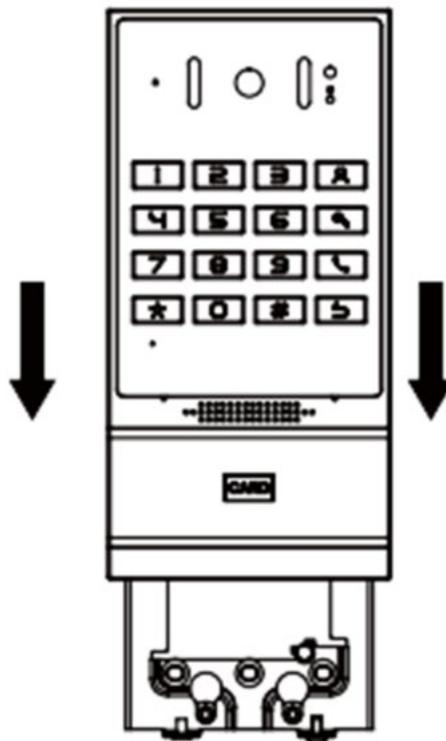
1. Align the screw holes of the wall bracket with the holes in the wall and fix them to the wall with the TA4*30mm screws, as shown below.



2. Pass all the wires through the silicone plug in the middle of the bottom case. All lines should be reserved for 15~20CM length, as shown below.
Note: The outlet hole of the bottom case faces down
3. Connect the cables of RJ45, power, and electric-lock to the motherboard socket as mentioned in connectors description (refer to Section 2).
4. Connect the terminal of the wired cable to the motherboard socket. Refer to wiring interface.
5. Test whether there is electricity by doing the following: Press the # button for 3 seconds to get the IP address of intercom by voice. Input access password or press the indoor switch to verify that electric lock functions.



6. Attach the device to the wall bracket in a top-down manner, locking the screws at the bottom, as shown below.

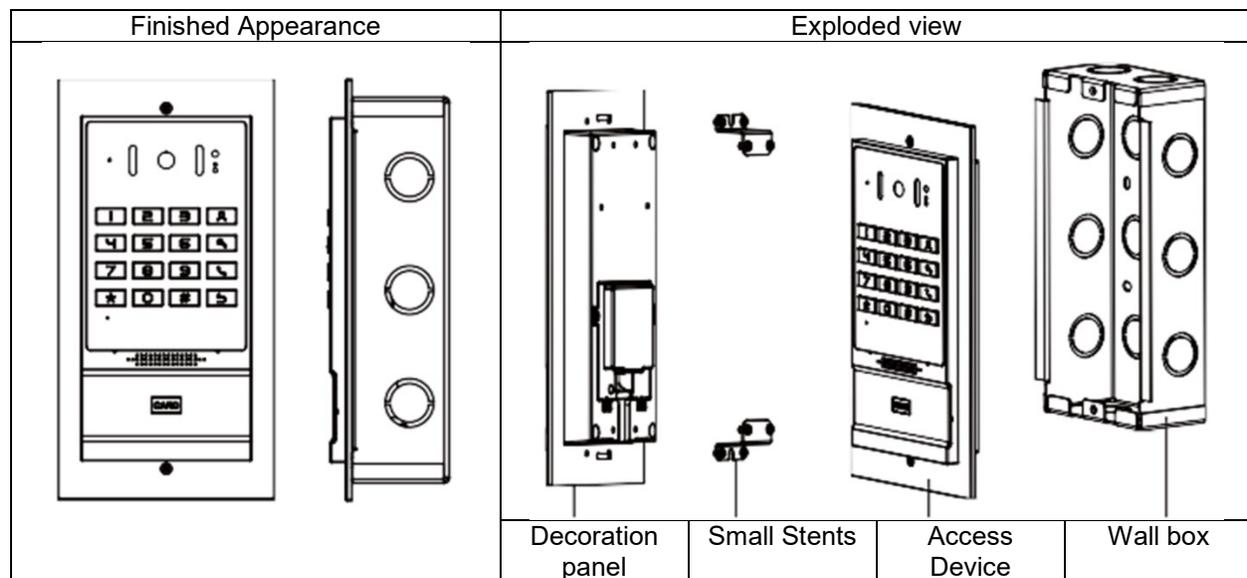


Flush mounting

Step 1: Installation preparation

- Check the following contents:
 - PM3*3mm screws x5
 - PM3*4mm screws x5
 - 6*30mm screws anchors x5
 - KB3*10mm screws x3
 - TA4*30mm screws x5
- Tools that may be required:
 - Phillips screwdriver, hammer, RJ45 crimper
 - Electric impact drill with an 8mm drill bit
 - Drywall saw

Flush mounting the device requires a box to be recessed into the wall as shown in the diagram below.



Accessing Web Interface

Getting IP Address

1. Power on device and wait for it to boot (about 30 seconds). Long press DSS key for 3 seconds.
2. When the speaker beeps rapidly, press the speed-dial button within 5 seconds.
The device will announce the IP address by voice.

In addition, the device can switch IP address acquisition mode (Static vs DHCP mode):

1. Press and hold the speed-dial button for 3 seconds.
2. Wait for the speaker to beep, and then press the speed-dial button three times within 5 seconds.
The device will announce the IP address by voice after successfully switching to the network mode.

Settings

Step 1: Log in the access device

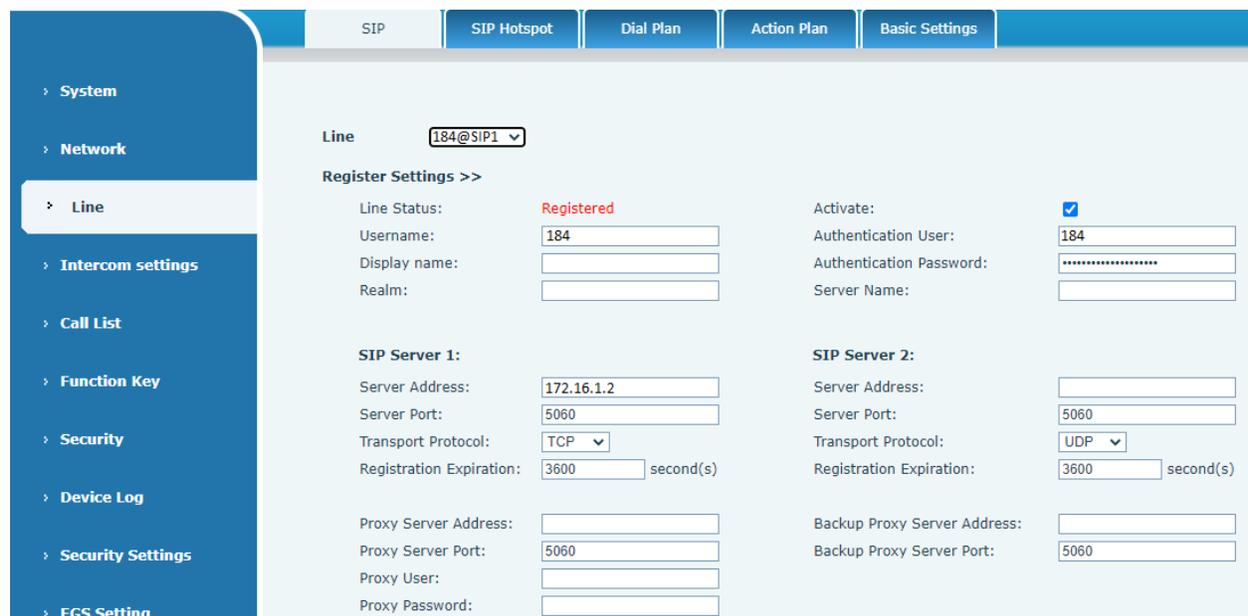
Input IP address (e.g. http://192.168.1.128) into address bar of PC's web browser. For eSIP, default user and password are admin/admin. For eCloud, default user and password are admin/SIPstn@ESI.



The screenshot shows a login form with the following elements: a 'User:' label followed by a text input field; a 'Password:' label followed by a text input field; a 'Language:' label followed by a dropdown menu set to 'English' and an unchecked checkbox; and a 'Login' button at the bottom.

Step 2: Add the SIP account.

Set SIP server address, port, user name, password and SIP user with assigned SIP account parameters. Select "Activate", and then click Apply to save this setting.



The screenshot displays the SIP configuration page. On the left is a navigation menu with options like System, Network, Line, Intercom settings, Call List, Function Key, Security, Device Log, Security Settings, and EGS Setting. The main content area shows 'Line' set to '184@SIP1'. Under 'Register Settings >>', 'Line Status' is 'Registered', 'Activate' is checked, and 'Username' is '184'. Below are sections for 'SIP Server 1' and 'SIP Server 2' with fields for Server Address, Server Port, Transport Protocol, and Registration Expiration. Proxy server settings are also visible at the bottom.

Step 3: Setting DSS key

Set the DSS key as shown below for a quick start. Click “Apply” to save this setting. Type: Memory Key. Number 1: The DSS Key will dial to this Number 1. Number 2: If Number 1 is unavailable, it will be forwarded to Number 2. Line: Working line. Subtype: Speed dial

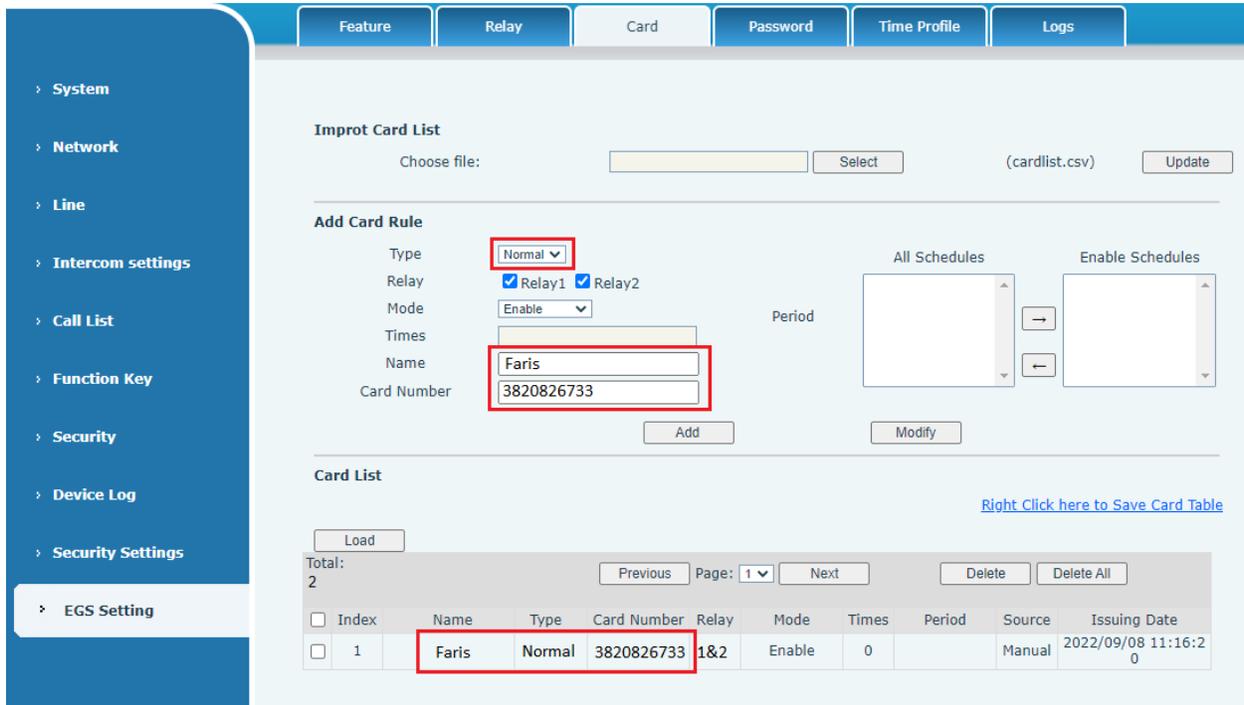
Key	Type	Name	Value	Value2	Subtype	Line	Media
DSS Key 1	Memory Key		5522	5522	Speed Dial	184@SIP1	DEFAULT
DSS Key 2	None				None	AUTO	DEFAULT
DSS Key 3	None				None	AUTO	DEFAULT
DSS Key 4	None				None	AUTO	DEFAULT
DSS Key 5	None				None	AUTO	DEFAULT
DSS Key 6	None				None	AUTO	DEFAULT
DSS Key 7	None				None	AUTO	DEFAULT

Step 4: Access Device Setting

Door Unlocking Settings

RFID Card

- Step 1: Access control settings on web page>EGS Setting>Add Card Rule. Select "Type" ("Normal" card provides door opening function, "Add" card and "Del" card provides add and delete card function, Default "Normal" card)
- Step 2: Enter your name and card number (just enter the first 10 digits of the card number), and click "Add" to add the card to the list.
- Step3: Access the card reading area of the device through the configured ID card  to open the door.



The screenshot displays the 'Add Card Rule' configuration page in the EGS Setting web interface. The left sidebar shows the navigation menu with 'EGS Setting' selected. The main content area has tabs for 'Feature', 'Relay', 'Card', 'Password', 'Time Profile', and 'Logs'. The 'Add Card Rule' section includes fields for 'Type' (Normal), 'Relay' (Relay1 and Relay2 checked), 'Mode' (Enable), 'Name' (Faris), and 'Card Number' (3820826733). There are 'Add' and 'Modify' buttons. Below this is the 'Card List' section with a 'Load' button and a table showing the added card. The table has columns for Index, Name, Type, Card Number, Relay, Mode, Times, Period, Source, and Issuing Date. The card 'Faris' with Type 'Normal' and Card Number '3820826733' is listed. There are also 'Delete' and 'Delete All' buttons and a 'Page: 1' indicator.

Index	Name	Type	Card Number	Relay	Mode	Times	Period	Source	Issuing Date
1	Faris	Normal	3820826733	1&2	Enable	0		Manual	2022/09/08 11:16:20

Remote Password

- Step 1: Set access control on the web page. Go to EGS Setting>Password>Add password rule. Select "Remote"
- Step 2: Enter the Name, Password and Number, Press Add to Password Table.
- Step 3: The owner answers the access control call and presses "*" (default password) or "123456" (new password) to open the door for visitors

The screenshot displays the 'Password' configuration page in the EGS Setting application. The left sidebar shows the navigation menu with 'EGS Setting' selected. The main content area is titled 'Improt Password List' and includes a file upload section for 'passwordlist.csv'. Below this is the 'Add Password Rule' form, where the 'Type' is set to 'Remote', 'Relay' is checked for 'Relay1' and 'Relay2', and 'Mode' is 'Enable'. The 'Name' field contains 'Faris', 'Password' is '123456', and 'Number' is '17216718897'. The 'Add' button is visible. Below the form is the 'Password List' table, which contains one entry for 'Faris' with a 'Remote' type and 'Enable' mode. The table also shows the 'Issuing Date' as '2022/09/08 11:16:20'.

Improt Password List

Choose file: (passwordlist.csv)

Add Password Rule

Type: Remote
Relay: Relay1 Relay2
Mode: Enable
Times:
Name: Faris
Password: 123456
Number: 17216718897

Password List

[Right Click here to Save Passowrd Table](#)

Total: 1

Previous Page: 1 Next

<input type="checkbox"/>	Index	Name	Type	Number	Relay	Mode	Times	Period	Source	Issuing Date
<input type="checkbox"/>	1	Faris	Remote	17216718897	1&2	Enable	0		Manual	2022/09/08 11:16:20

Local Password

- Step 1: Configure access on Web>EGS Setting>Password>Add password rule. Select "Local" (only the AC64v supports local password access).
- Step 2: Enter the Name and Password, Press Add to Password Table.
- Step 3: Owners and visitors can open the door by entering "6789" (default password) or "123456" (new password) by using the keypad.

The screenshot displays the 'Password' configuration page in the EGS Setting interface. The left sidebar shows the navigation menu with 'EGS Setting' selected. The main content area is divided into several sections:

- Improt Password List:** Includes a 'Choose file:' field, a 'Select' button, and a '(passwordlist.csv)' label with an 'Update' button.
- Add Password Rule:** Contains form fields for:
 - Type: Local (highlighted with a red box)
 - Relay: Relay1 Relay2
 - Mode: Enable
 - Times: (empty field)
 - Name: Faris (highlighted with a red box)
 - Password: 123456 (highlighted with a red box)
 - Number: (empty field)Buttons for 'Add' and 'Modify' are present.
- Period:** Includes 'All Schedules' and 'Enable Schedules' dropdowns with navigation arrows.
- Password List:** A table listing the configured password rules. A 'Load' button is above the table. A link 'Right Click here to Save Passowrd Table' is also present.

Index	Name	Type	Card Number	Relay	Mode	Times	Period	Source	Issuing Date
1	Faris	Local		1&2	Enable	0		Manual	2022/09/08 11:16:20