4G audio intercom SS2106 Series - PC programming
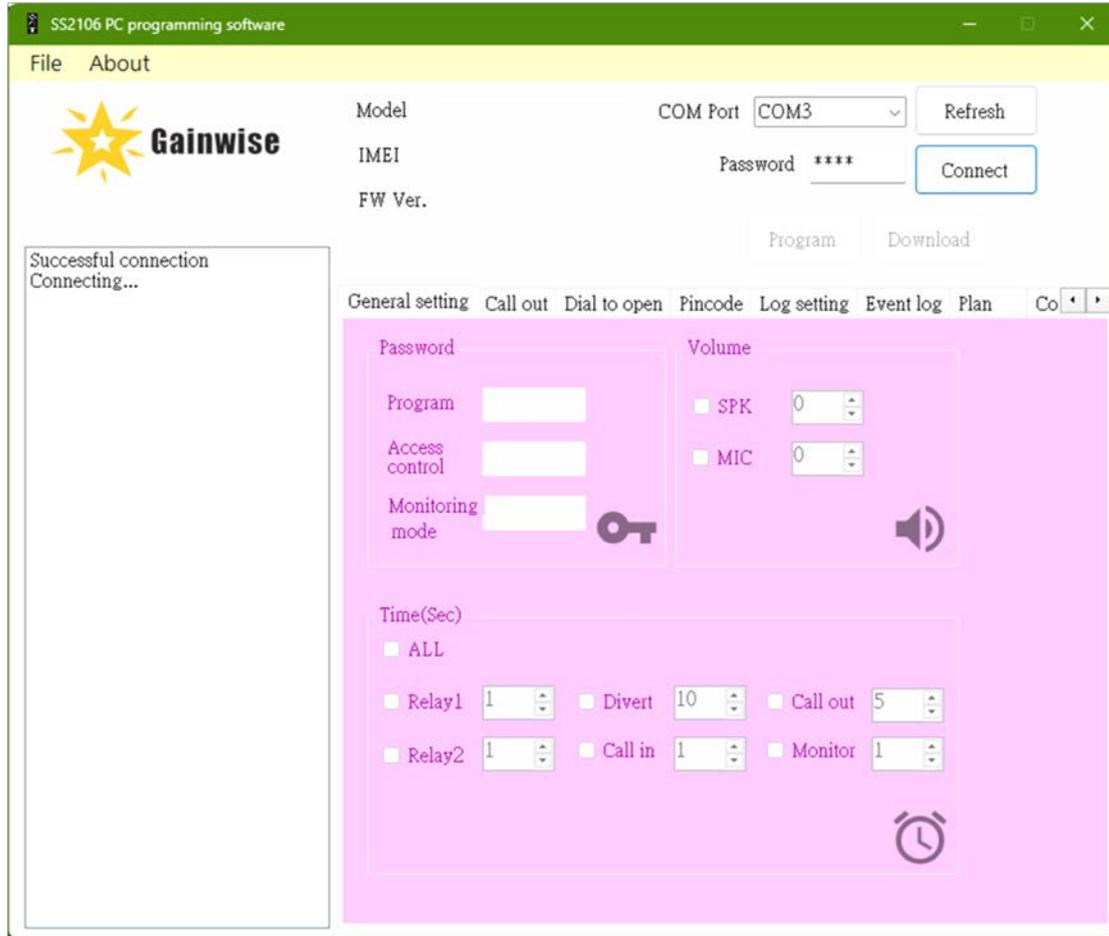

For your protection, read these instructions completely

And keep them for future reference.

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USB DRIVER

Before connecting the intercom unit to the PC and before installing the PC program, first install the driver for the USB adapter.

(install PL2303_Prolific_DriverInstaller_v1160.exe)

SOFTWARE SETUP

Execute the program (SS2106 PC programming software.exe). Before running the program, connect the supplied USB cable between a USB port on your PC and the intercom unit.
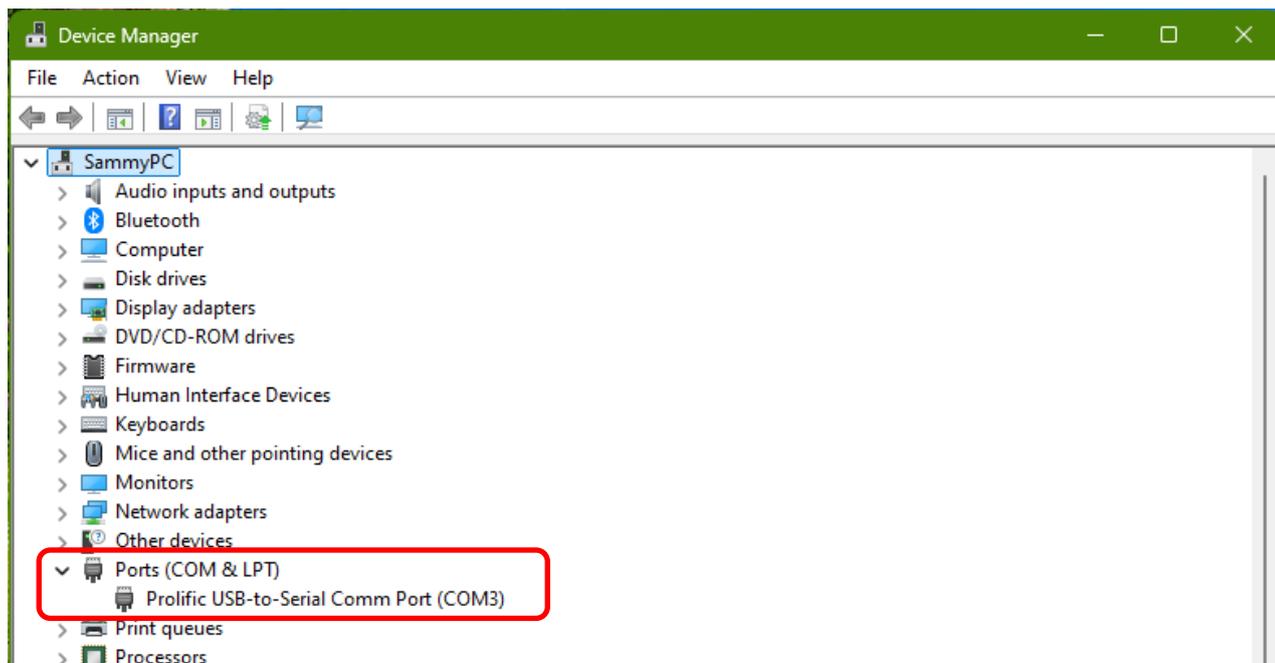
Connect PC

USB cable

USB cable   intercom connector

Find COM port on PC

Computer ➡ Control panel ➡ device manager ➡ COM and LPT

Run the program(SS2106 PC programming software.exe)

Run the program and the following screen should appear:

1.connect SS2106:

    Step 1: select "COM port"

    Step 2: on "password" Enter Password (default: 1234)

    Step 3: Press "connect"

    Step 4: Status displays "Successful connection" indicating that the device is successfully connected.
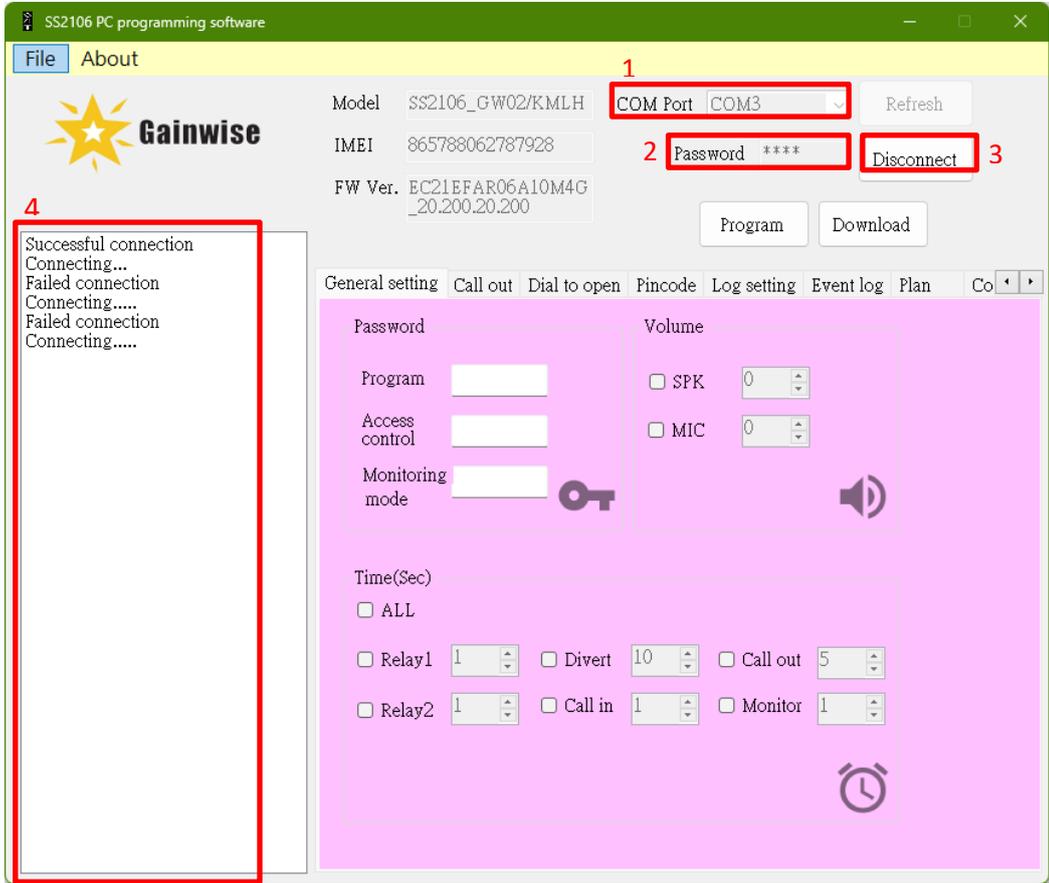
Description of each field

	Model	Intercom model numbers of SS1603/SS1808series
	IMEI	Device IMEI
	COM port	Communication port which is connected to the intercom
	Password	Default 1234
	Refresh	Press the refresh button which will find all available COM ports.
	Connect / Disconnect	Start to connect the intercom
	Download	Download the SS2106 series device setting data
	Program	Press the program button to start programming
	Setup menu	To set different models of the SS2106 series and features
	firmware	Device firmware version

General settings:

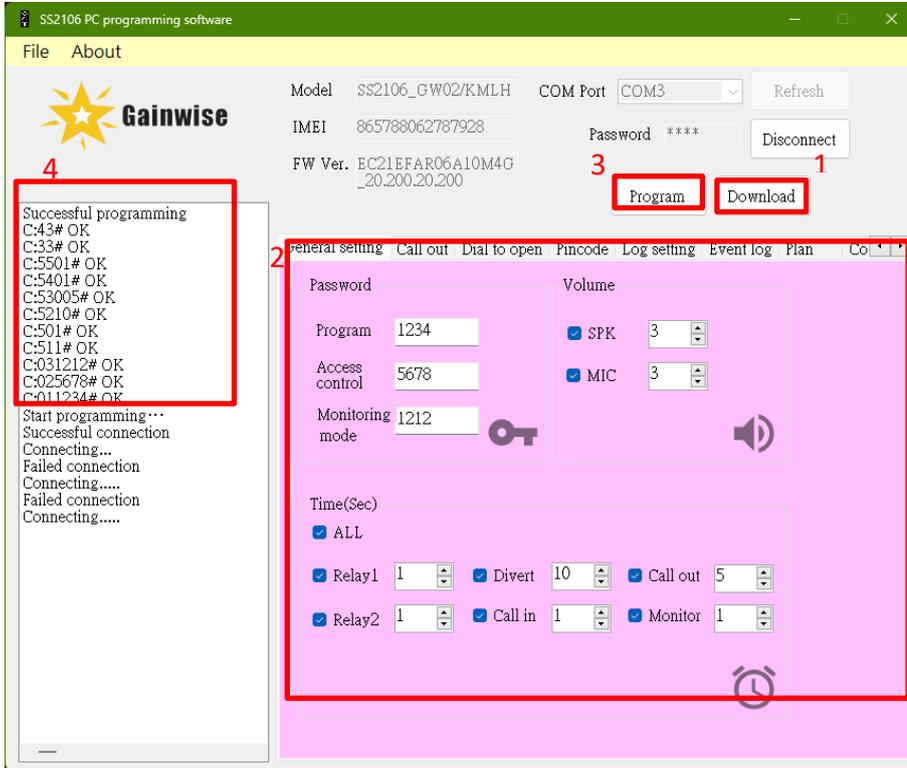Setting the device Password, Volume and Time

Step 1: Press "Download" to download the device setting data

Step 2: Edit the value in a field on "General Setting"

Step 3: Press "Program" program the device setting data

Step 4: Status displays "Successful programming" indicating that the device is successfully programmed.

Password			
	Program	Access control	Monitoring mode
default	1234	5678	1212

Volume

1. SPK: the speaker volume: 0~4 , default: 3
2. MIC: the microphone volume: 0~4 , default: 3

Time

1. Relay 1: relay 1 time: 1~9999 sec, default: 1
2. Relay 2: relay 2 time: 1~9999 sec, default: 1
3. Divert: call divert time: 10~99 sec, default: 20
4. Call in: time (01~50 sec) waiting to trigger relay when call in, default: 1
5. Call out: call time can be: 005~999 sec, default: 60
6. Monitor: listener monitoring time: 00~60sec, default: 10

NOTE:
Before closing the program, please press "disconnect" to complete the device disconnection.

Call out settings:

1. Add an Account Number, Name, and Phone Number to the Device

Step 1: Enter the account number to be added in the "Apartment NO." field.

Step 2: Enter the name to be set in the "Name" field.

Step 3: Enter the phone number in the "Phone NO." field.

Step 4: Press "Add" to move the above information to "Data to add" and wait for it to be ready for programming.

Step 5: Press "Program" to write the information into the device.

Step 6: When the status displays "Successful programming", it indicates that the device has been successfully programmed.
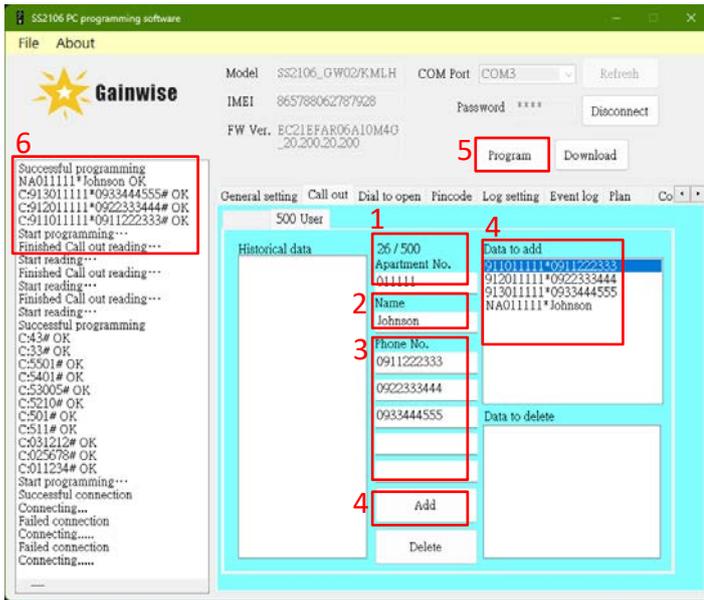
NOTE:

Historical data:	Display data from the device or EXCEL files
**/500:	The number of data read
Apartment NO.:	Enter or modify the Apartment number
Name:	Set the name of Apt NO.
Phone NO.:	Set the phone numbers of Apartment NO.
Data to add:	display: data is expected to be added to the device
Data to Delete:	display: data is expected to be deleted to the device
Add	Press "add" to send the edited data to "Data to program"
Delete	Press "Delete" to send the edited data to "Data to Delete"

2. Modify the Name and Phone Number for an Apartment Number in the Device

Step 1: Press "Download" to load device data into "Historical data".

Step 2: In "Historical data", select and click on the Apartment Number you want to modify.

Step 3: The Apartment Number details will be displayed in the " Apartment NO.", "Name" and "Phone NO." fields.

Step 4: After editing, press "Add" to move the updated information to "Data to add" which will await programming.

Step 5: Press "Program" to write the updated information into the device.

Step 6: When the status displays "Successful programming", it indicates that the device has been successfully programmed.
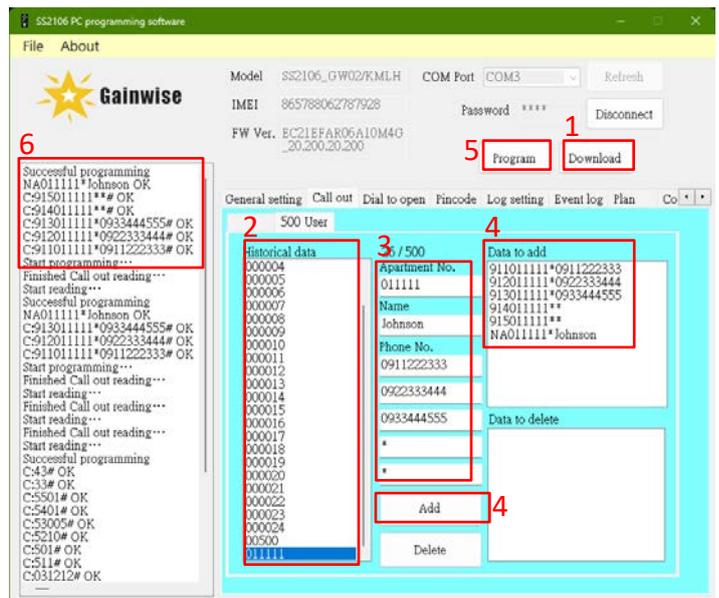
NOTE: To delete the phone number while modifying, enter "＊".

3. Delete an Apartment Number from the Device

Step 1: Press "Download" to load device data into "Historical data".

Step 2: In "Historical data", select and click on the Apartment Number you want to delete.

Step 3: The Apartment Number details will be displayed in the " Apartment NO.", "Name" and "Phone NO." fields.

Step 4: Press "Delete" to move the updated information to "Data to Delete" which will await programming.

Step 5: Press "Program" to write the updated information into the device.

Step 6: When the status displays "Successful programming", it indicates that the device has been successfully programmed.
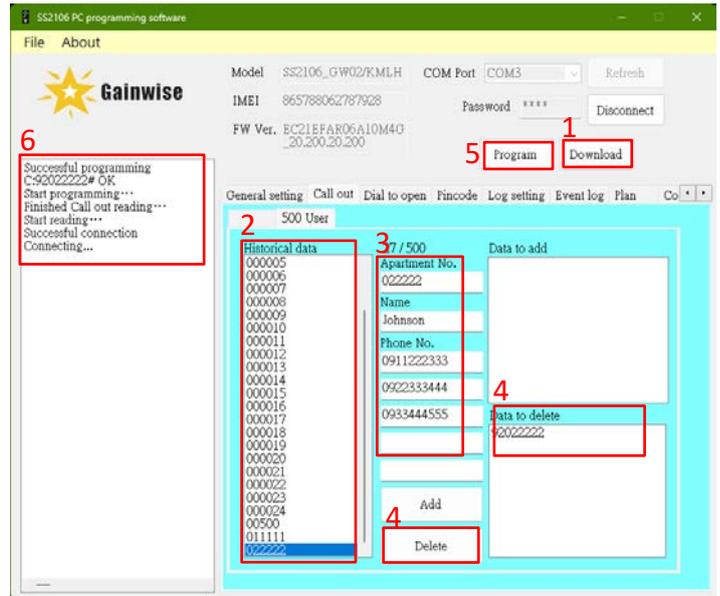
## 4. Import an Excel File or TXT File and Write Data to the Device

Step 1: Click "File," then select "Call out", choose "Read from file", and select the Excel file.

Step 2: The data from the Excel file will load and display in "Historical data."

Step 3: In "Historical data", select the apartment numbers you want to write to the device (hold down "Ctrl" on the keyboard to select multiple apartment numbers).

Step 4: Press "Add" to move the selected data to "Data to add" which will await programming.

Step 5: Press "Program" to write the data into the device.

Step 6: When the status displays "Successful programming", it indicates that the data has been successfully written to the device.
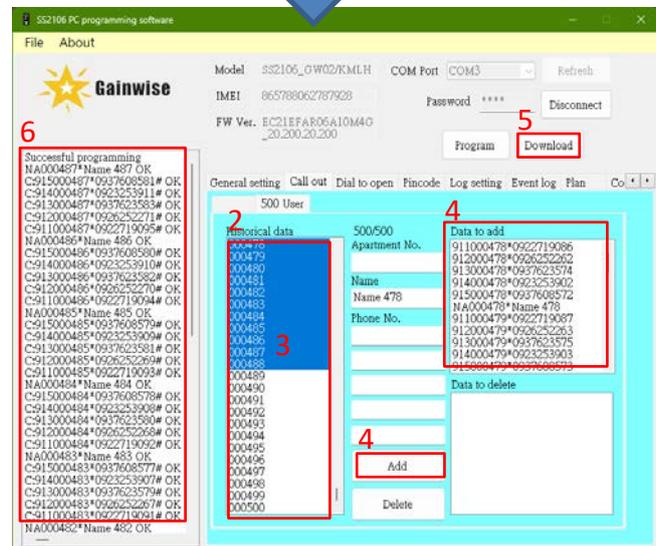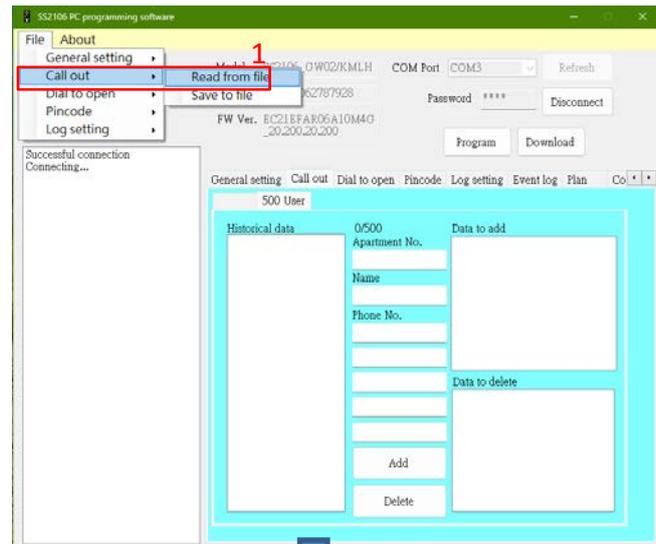
Dial to open:

1. Add the number to "dial to open"

Step 1: In the "Relay" section, select the relay or mode.
Step 2: Enter the phone number in the "Phone NO." field.
Step 3: Press "add" to move the above information to "Data to add" and wait for it to be ready for programming.
Step 4: Press "Program" to write the information into the device.
Step 5: When the status displays "Successful programming", it indicates that the device has been successfully programmed.
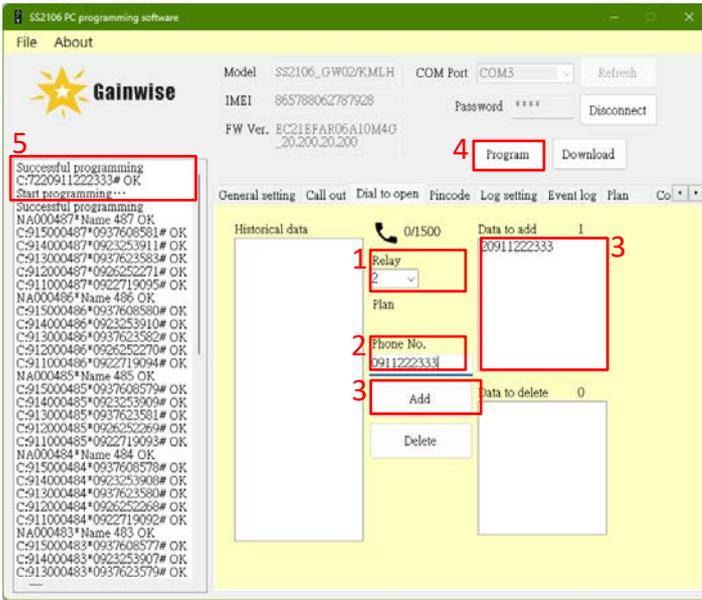
NOTE:

Historical data:	Display data from the device or EXCEL files
**/1500:	The number of data read
Relay:	1: Relay 1 2: Relay 2 8: Trigger the Relay only Once 9: Trigger the Relay Only During "Plan"-Allowed Times
Plan:	Select "Plan" number
Phone NO.:	Set the phone number
Data to add:	display: data is expected to be added to the device
Data to Delete:	display: data is expected to be deleted to the device
Add	Press "add" to send the edited data to "Data to add"
Delete	Press "Delete" to send the edited data to "Data to Delete"

NOTE: If "Relay" is set to "9", a selection must also be made in "Plan."

2. Modify the number on the "dial to open" list

Step 1: Press "Download" to load device data into "Historical data."
Step 2: In "Historical data," select and click on the number you want to modify.
Step 3: The number details will be displayed in the "Relay" and "Phone NO." fields.
Step 4: After editing, press "Add" to move the updated information to "Data to add" which will await programming.
Step 5: Press "Program" to write the updated information into the device.
Step 6: When the status displays "Successful programming" it indicates that the device has been successfully programmed.
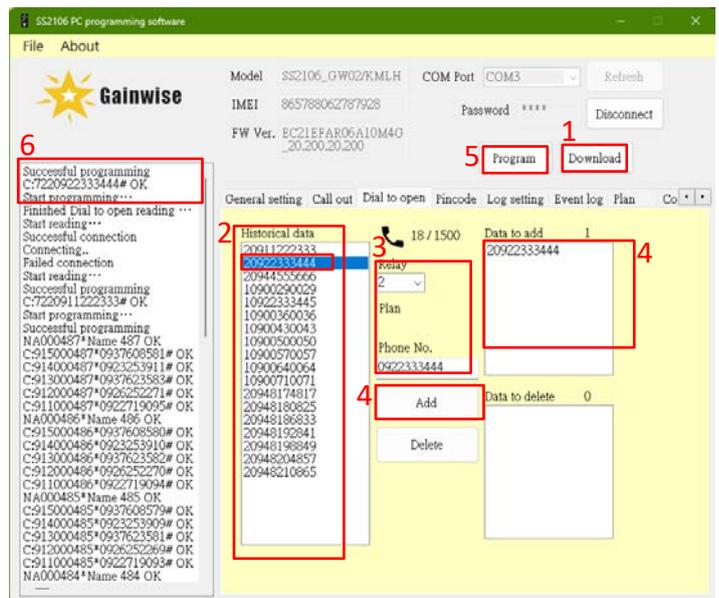
3. Delete the number on the "dial to open" list

Step 1: Press "Download" to load device data into "Historical data".

Step 2: In "Historical data", select and click on the Call-in Number you want to delete.

Step 3: The Call-in Number details will be displayed in the "Relay" and "Phone" fields.

Step 4: Press "Delete" to move the updated information to "Data to Delete" which will await programming.

Step 5: Press "Program" to write the updated information into the device.

Step 6: When the status displays "Successful programming", it indicates that the device has been successfully programmed.
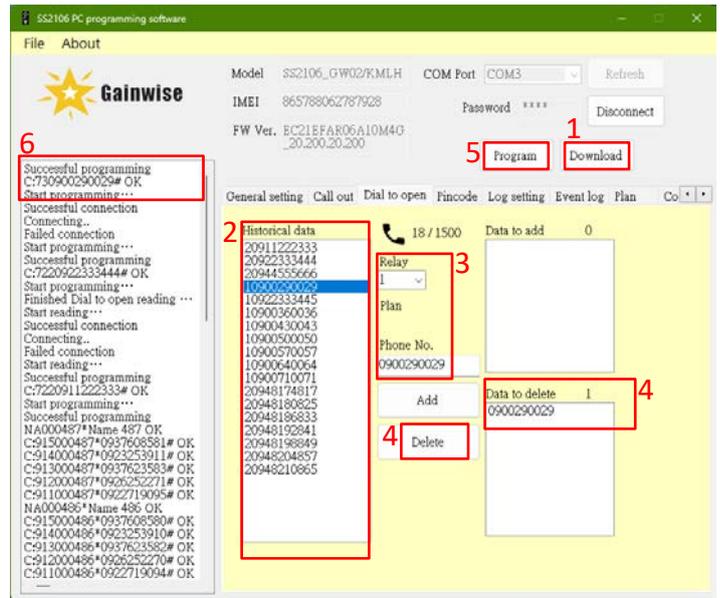

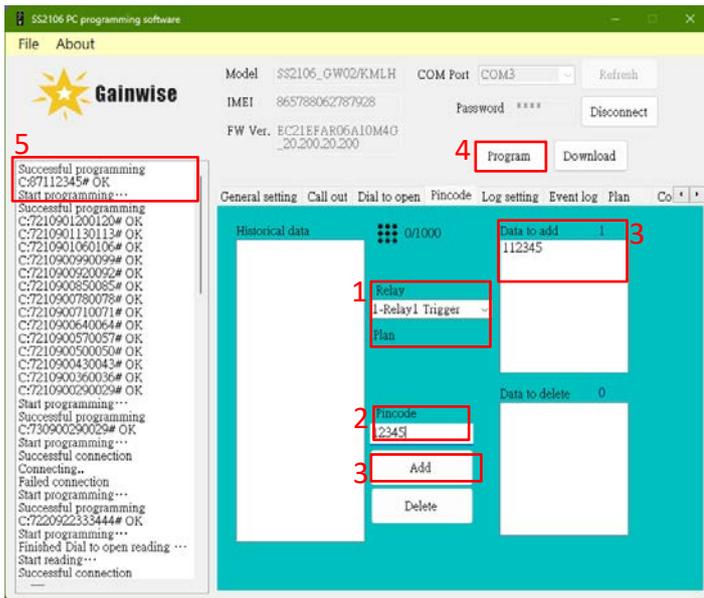# 4. Import an Excel File or TXT File and Write Data to the Device

Step 1: Click "File," then select "Dial to open", choose "Read from file", and select the Excel file.

Step 2: The data from the Excel file will load and display in "Historical data."

Step 3: In "Historical data", select the phone numbers you want to write to the device (hold down "Ctrl" on the keyboard to select multiple phone numbers).

Step 4: Press " Add " to move the selected data to "Data to program" which will await programming.

Step 5: Press "Program" to write the data into the device.

Step 6: When the status displays "Successful programming", it indicates that the data has been successfully written to the device.
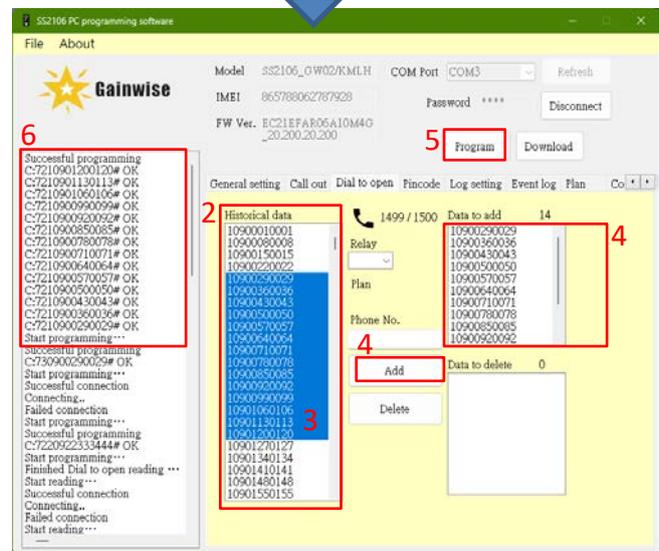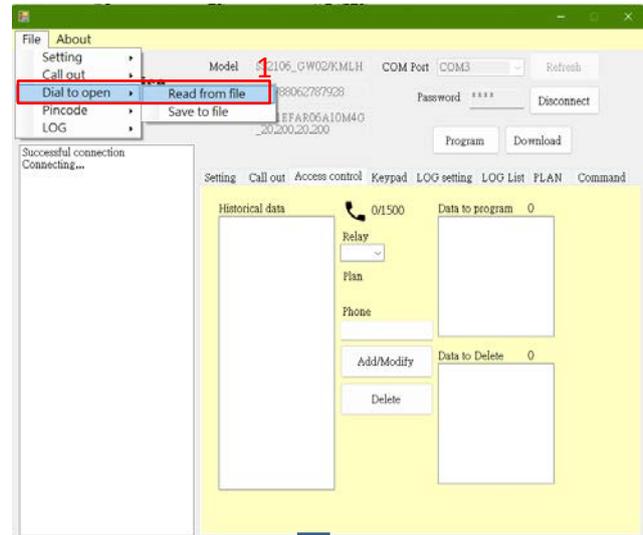
Keypad:

1. Add a Pin code to the Device
Step 1: In the "Relay" section, select the relay or mode.
Step 2: Enter the Pin code in the "Pin code" field.
Step 3: Press "add" to move the above information to "Data to add" and wait for it to be ready for programming.
Step 4: Press "Program" to write the information into the device.
Step 5: When the status displays "Successful programming", it indicates that the device has been successfully programmed.

NOTE:

Historical data:	Display data from the device or EXCEL files
**/1000:	The number of data read
Relay:	1: Relay 1 Trigger 2: Relay 1 Hold 3: Relay 2 Trigger 4: Relay 2 Hold 8: Trigger 1 the Relay only Once 9: Trigger 1 the Relay Only During "Plan"-Allowed Times
Plan:	Select "Plan" number
Pin code:	Enter Pin code
Data to add:	display: data is expected to be added to the device
Data to Delete:	display: data is expected to be deleted to the device
Add	Press "add" to send the edited data to "Data to add"
Delete	Press "Delete" to send the edited data to "Data to Delete"

NOTE: If "Relay" is set to "9", a selection must also be made in "Plan."

2. Modify a Pin code in the Device

Step 1: Press "Download" to load device data into "Historical data."
Step 2: In "Historical data," select and click on the Pin code you want to modify.
Step 3: The Pin code details will be displayed in the "Relay" and "Pin code" fields.
Step 4: After editing, press "Add " to move the updated information to "Data to add" which will await programming.
Step 5: Press "Program" to write the updated information into the device.
Step 6: When the status displays "Successful programming" it indicates that the device has been successfully programmed.

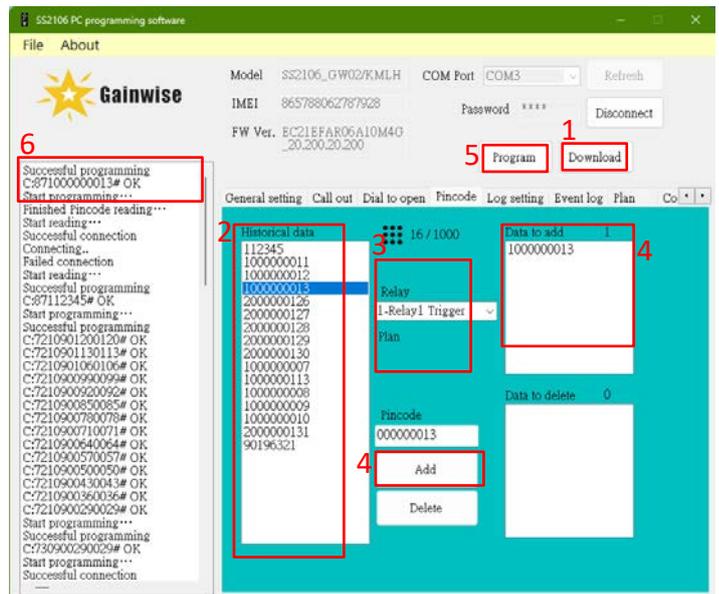## 3. Delete a Pin code from the Device

Step 1: Press "Download" to load device data into "Historical data".

Step 2: In "Historical data", select and click on the Pin code you want to delete.

Step 3: The Pin code details will be displayed in the "Relay" and "Pin code" fields.

Step 4: Press "Delete" to move the updated information to "Data to Delete" which will await programming.

Step 5: Press "Program" to write the updated information into the device.

Step 6: When the status displays "Successful programming", it indicates that the device has been successfully programmed.
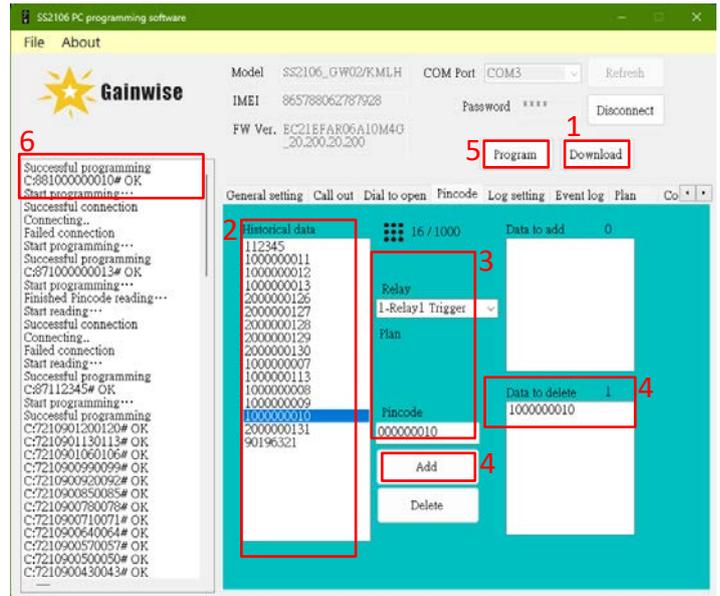

4. Import an Excel File or TXT File and Write Data to the Device

Step 1: Click "File," then select "Pincode", choose "Read from file", and select the Excel file.

Step 2: The data from the Excel file will load and display in "Historical data."

Step 3: In "Historical data", select the PIN code you want to write to the device (hold down "Ctrl" on the keyboard to select multiple PIN code).

Step 4: Press " Add " to move the selected data to "Data to add" which will await programming.

Step 5: Press "Program" to write the data into the device.

Step 6: When the status displays "Successful programming", it indicates that the data has been successfully written to the device.
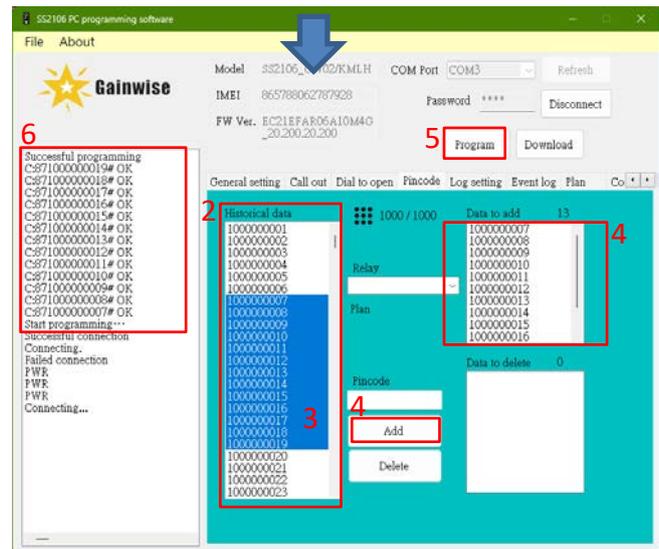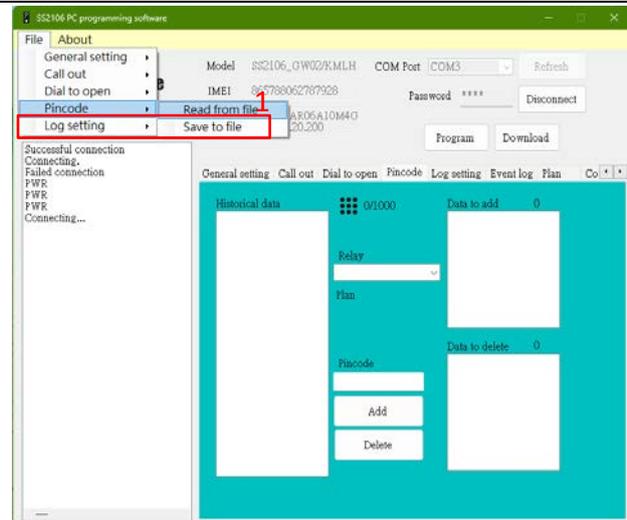
LOG settings:

1. Setting "the log report by SMS"

Step 1: In "Mode", select "SMS"

Step 2: The conditions under which the device sends text messages when "More than 100 events" or "Complete events" are selected in "Send".

Step 3: In "Phone No.", enter phone number

Step 4: Press "Program" to write the updated information into the device.

Step 5: When the status displays "Successful programming", it indicates that the device has been successfully programmed.

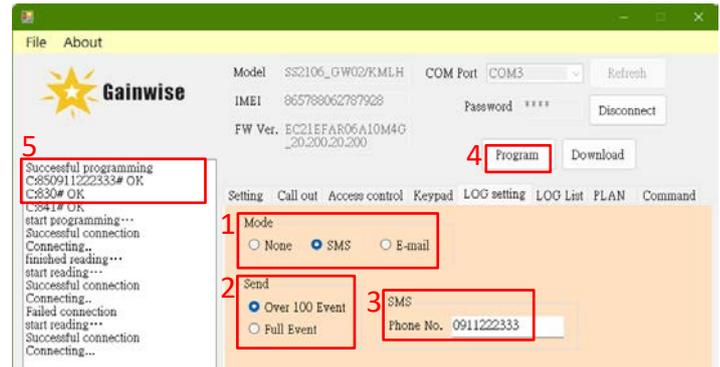

2. Setting "the log report by E-mail"

Step 1: In "Mode", select "E-mail"

Step 2: The conditions under which the device sends text messages when "More than 100 events" or "Complete events" are selected in "Send".

Step 3: In "E-mail", Enter the "Internet parameters setting", "SMTP parameters setting ", "Recipient and Carbon copy setting" and "subject setting" to be set.

Step 4: Press "Program" to write the updated information into the device.

Step 5: When the status displays "Successful programming", it indicates that the device has been successfully programmed.
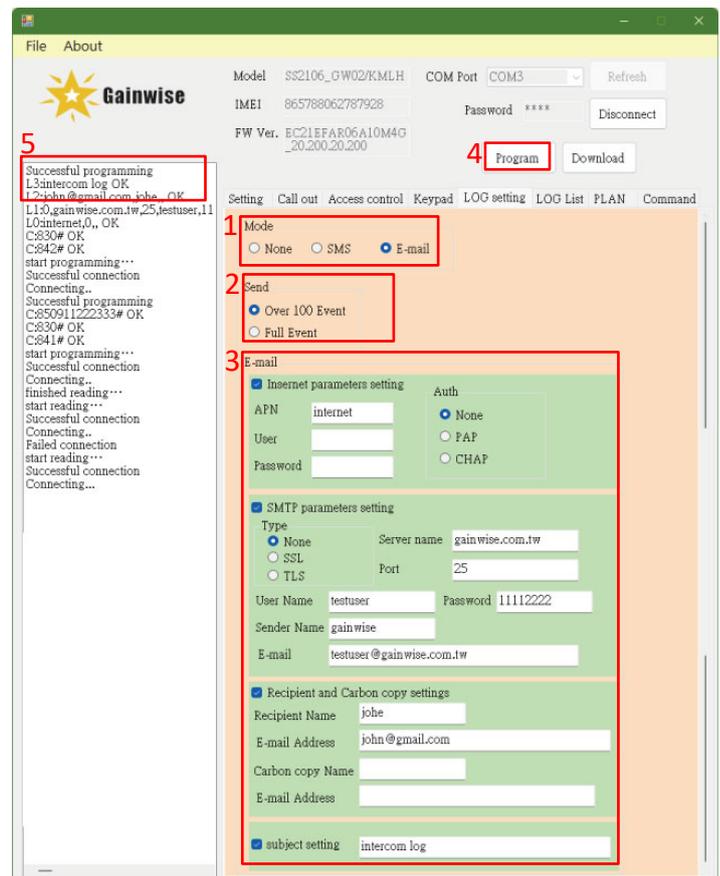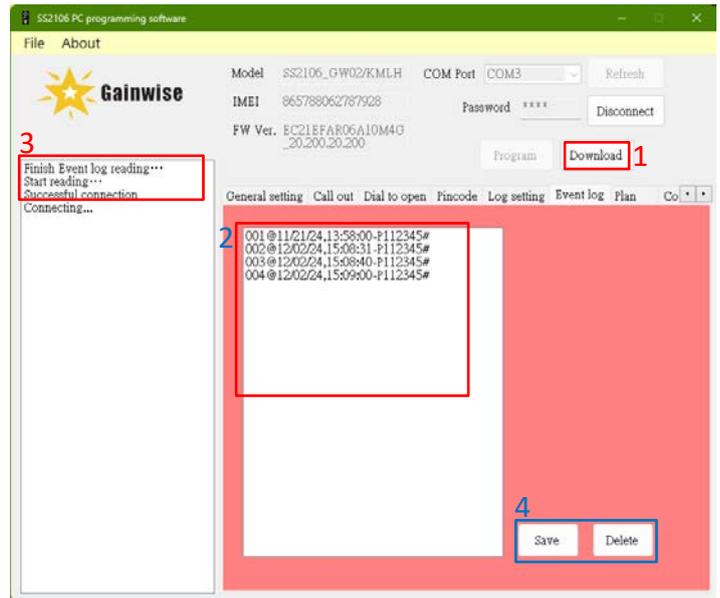
LOG List:

1. Download the device log list.

Step 1: Press "Download" to load the device log list into the "2" text field.

Step 2: When the status displays "finish Log history reading," it indicates that the device has successfully read the log.

Step 3: You can select "Save" to save the log list on the PC or select "Delete" to delete the log on the Device

NOTE:

Call list data reply:

NO.	@	MM/DD/YY	,	Hh:mm:ss	-	Code	Relay	Number	-	Relay status	#

Code:	Relay:	Number:	Relay status:
O : incoming call without action I : incoming call to trigger relay P : PIN code to trigger relay M: monitor call to activate relay R : incoming call and enter password to activate relay S : SMS to activate relay T : during the call, householder to activate relay	**0**: no relay **1**: relay 1 **2**: relay 2	- Phone number - Householder number* stored number order - PIN code	**1**: relay 1 trigger **2**: relay 1 hold **3**: relay 1 release **4**: relay 2 trigger **5**: relay 2 hold **6**: relay 2 release

Call list Example:

001@09/02/21,13:50:45- S 10968297738-1#

002@09/02/21,13:50:45- O 10968297738-2#

003@09/02/21,13:50:45- I 10968297738-3#

Plan:

Example: Set "Plan" to "01" to allow door access only from Monday to Friday, between 8:00 AM and 6:00 PM. Access will be restricted at all other times, including weekends (Saturday and Sunday).

Step 1: Press "PLAN" to select "01".

Step 2: Check the boxes for Monday to Friday in the time range from 08 to 18, leaving all other boxes unchecked.

Step 3: Press "Program" to write the updated information into the device.

Step 4: When the status displays "Successful programming", it indicates that the device has been successfully programmed.
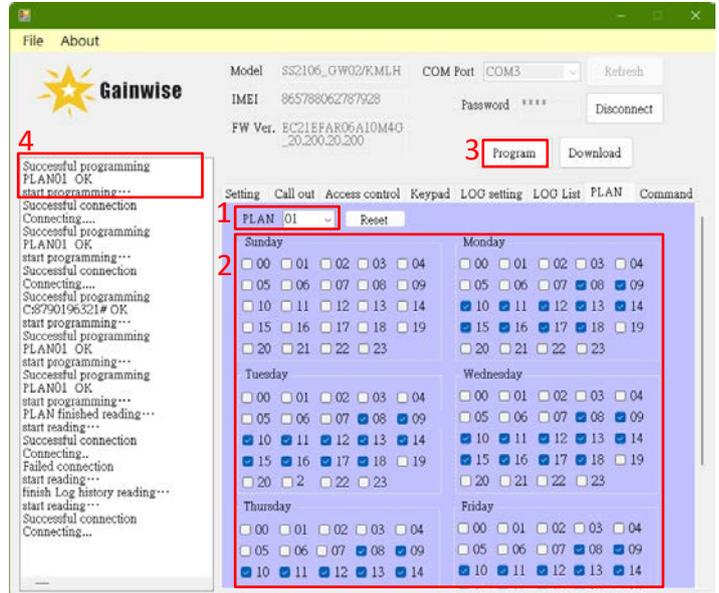
NOTE:
1. In "Access control", set the phone number to "9 (Plan)" and select "01." This phone number allows access only from Monday to Friday, between 8:00 AM and 6:00 PM.

2. In "keypad", set the PIN code to "9-relay1 trigger (Plan)" and select "01." This PIN code allows access only from Monday to Friday, between 8:00 AM and 6:00 PM.

Save to file:

Step 1: Click "File," then select what you want, choose "Save to file", and save "txt" on the PC.

NOTE:
To back up the device data and settings to the PC, press "Download" to load the device data into the program. Then proceed with "Save to file" to complete the backup.