

MK-MD22IU-001A-EN

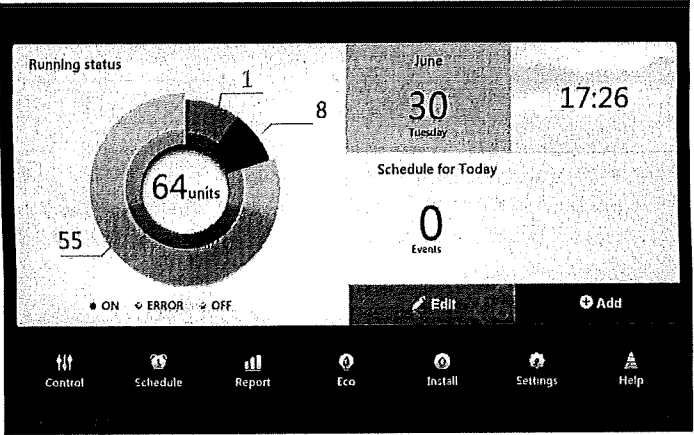
USER MANUAL

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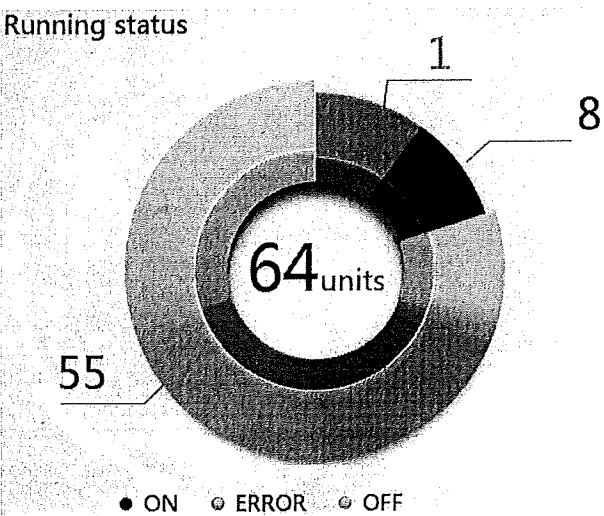
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1. HOME PAGE

Default software display page once you have logged in successfully:



1.1 Overview of Indoor Unit Running Status

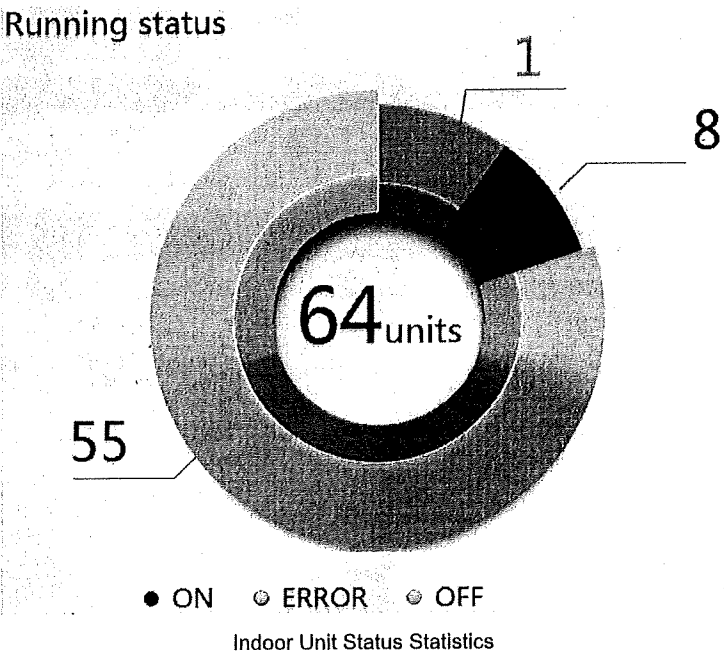


This section classifies the status of the indoor units into the following three categories:

Running	● ON
Error (Error includes error and offline)	● ERROR
Off	● OFF

1.2 Device Status List

Tap "Indoor Unit Status Statistics" to display the device status list.



IDU		ODU								
Name	ID	Type	Group No.	Mode	Setpoint	C Setpoint	H Setpoint	Fan	Room temp.	Error code
Idu-0-0-00	0-0	2	0	OFF	--	--	--	--	68	--
Idu-0-0-01	0-1	2	0	OFF	--	--	--	--	68	--
Idu-0-0-02	0-2	2	0	OFF	--	--	--	--	68	--
Idu-0-0-03	0-3	2	0	OFF	--	--	--	--	68	--
Idu-0-0-04	0-4	2	0	OFF	--	--	--	--	68	--
Idu-0-0-05	0-5	2	0	OFF	--	--	--	--	68	--
Idu-0-0-06	0-6	2	0	OFF	--	--	--	--	68	--
Idu-0-0-07	0-7	2	0	OFF	--	--	--	--	68	--
Idu-0-1-08	0-8	2	0	OFF	--	--	--	--	68	--
Idu-0-1-09	0-9	2	0	OFF	--	--	--	--	68	--

First
Prev
1 / 7
Next
Last

IDU		ODU								
Name	ID	Mode	Error code	Ambient temp.	FAN1	FAN2	kWH	Power	Demand	Mode Priority
odu-0-0-00	0-0	OFF	--	77	--	--	0	8	0	Heat
odu-0-0-01	0-1	OFF	--	77	--	--	0	8	0	Heat
odu-0-0-02	0-2	OFF	--	77	--	--	0	8	0	Heat
odu-0-0-03	0-3	OFF	--	77	--	--	0	8	0	Heat
odu-0-1-04	0-4	OFF	--	77	--	--	0	8	0	Heat
odu-0-1-05	0-5	OFF	--	77	--	--	0	8	0	Heat
odu-0-1-06	0-6	OFF	--	77	--	--	0	8	0	Heat
odu-0-1-07	0-7	OFF	--	77	--	--	0	8	0	Heat
odu-0-2-08	0-8	OFF	--	77	--	--	0	8	0	Heat
odu-0-2-09	0-9	OFF	--	77	--	--	0	8	0	Heat

First
Prev
1 / 4
Next
Last

Scroll through the interface horizontally to check more parameters of the IDU, ODU,.

1.3 Function Menu

Navigate through all the functions at the bottom of the home page;



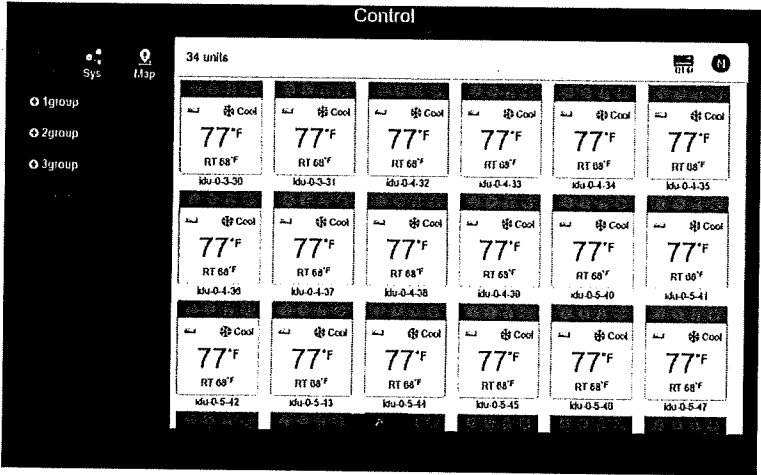
1.4 Special Menu



Function	Icon
Back to Home	
Operating History	

Note: The interface response time may lag if users query a long period of operation history.

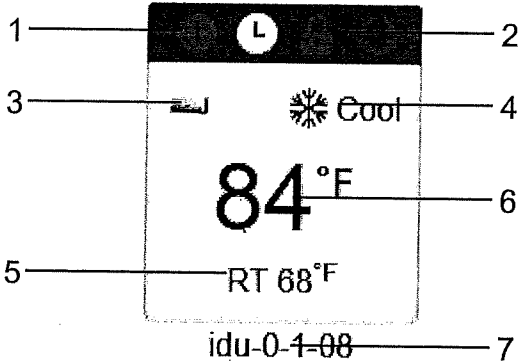
2. CONTROL



Control

Function	Inactive	Active
Indoor Unit View - Group		
Indoor Unit View - System		
Indoor Unit View - Map		

Select "Group" to view information of the corresponding indoor unit on the right. A series of icons are displayed, and the details are as follows:



No.	Description
1	The colours here represent the operating modes. For details, refer to the Table of Basic Mode Images.
2	Indicators (in order from left to right): error, schedule, lock, swing. Icon is white when active, such as the lock indicator in the figure.
3	Displays the corresponding device model. For details, refer to the Model Table.
4	The icons here represent the operating modes. For details, refer to the Table of Basic Mode Images.
5	Ambient temperature
6	Set temperature
7	You can change the indoor unit name on the "Install" page.














Note: The error code shown in the indoor unit on the old platform is different from the error code shown in the nixie tube display of the indoor unit.

Function	Remarks
	Error
	Schedule
	Lock
	Swing

Basic Mode Images

Off, Error, Offline (grey)	Auto (dark blue)	Cool, EXCH (light blue)	Heat, BYP (red)	Fan, FREE (green)	Dry, (yellow)

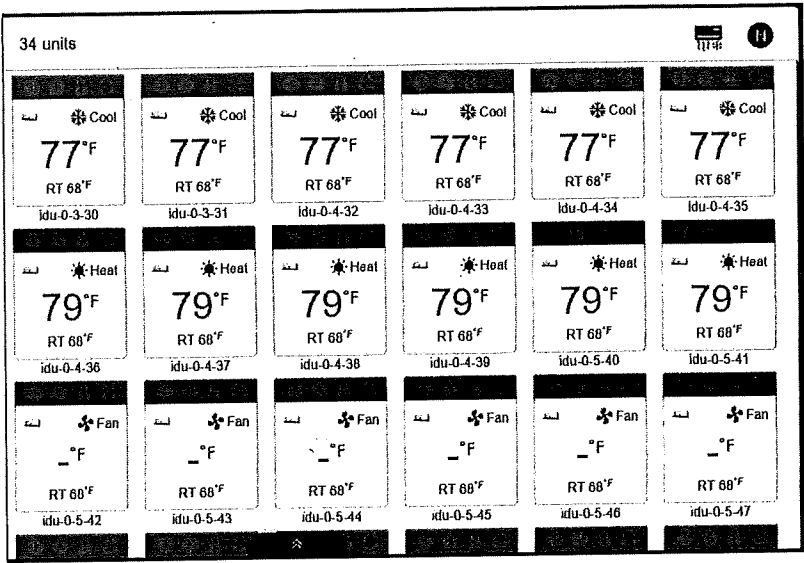
Model:

Icon	Device type
	LDUCT
	AHU
	HDUCT
	MDUCT
	OA
	HWALL
	F-CON
	CASS, CCASS
	ERV
	UC/FL
	HP
	HR
	SHP

2.1 Indoor Unit View - Group

Note: The group interface has a default "Ungrouped". All the devices that have not been assigned a group are included here.





The user defined groups are shown on the left of the device monitor page. Once a group is selected, the indoor units of the selected group are shown on the right.



The top left corner shows the number of indoor units in the group.

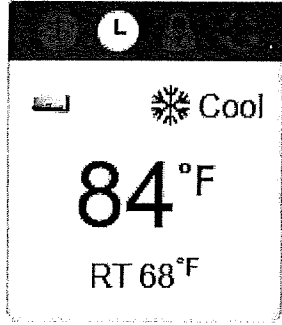
2.1.1 Order of Display for Indoor Unit

Indoor units can be sorted by name or mode.

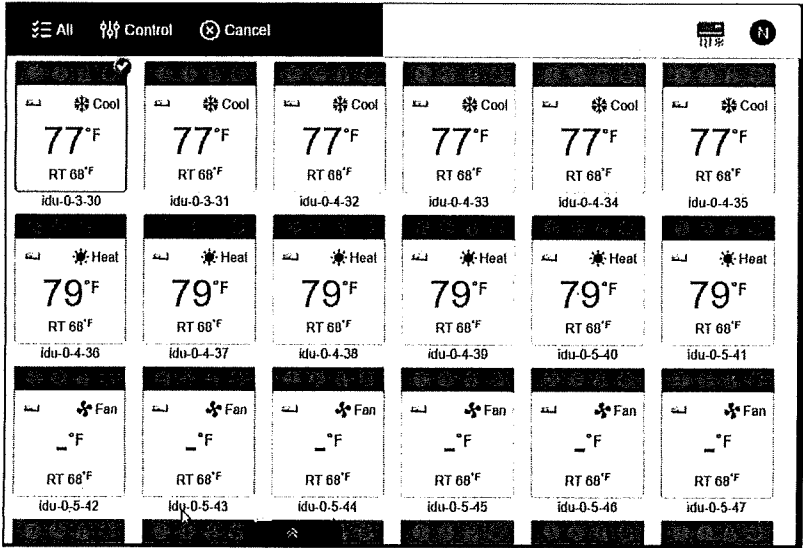
Function	Inactive	Active
Sort by mode Auto, Cool, Heat, Dry, Fan, Off, Error, Offline		
Sort by name		

2.1.2 General Controls for Indoor Unit

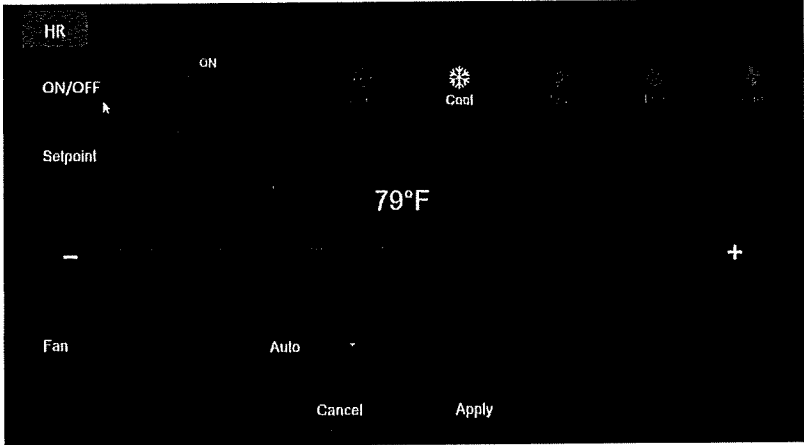
Tap to select the indoor unit and change its status to "selected".



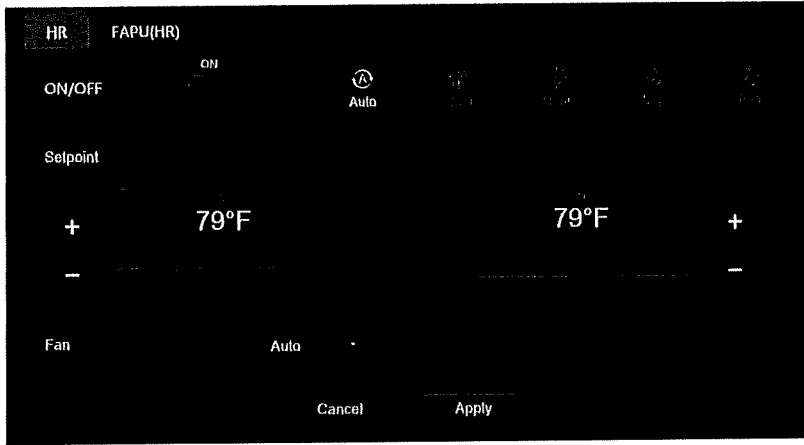
At the top left corner, you will see "All", "Control", and "Cancel".



Tap "All" to select all the indoor units on the interface. If you tap an indoor unit after "All" is selected, the indoor unit will be unchecked, and "All" will change to normal mode. If Cancel is selected, all indoor units will be unchecked.

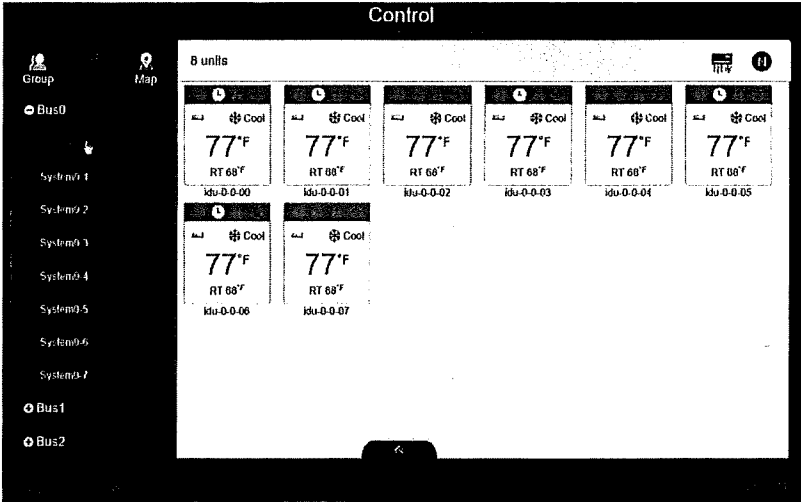


When simultaneously controlling multiple indoor units:



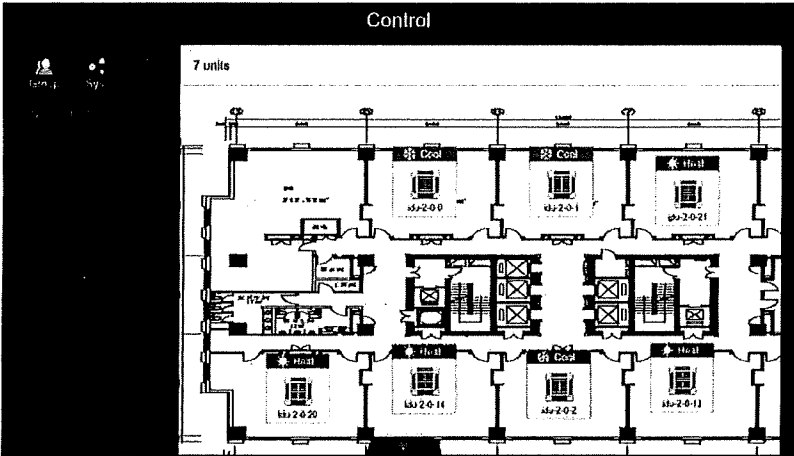
2.2 Indoor Unit View - System

This is similar to "Group Navigation", except that the system (instead of the groups) is on the left. System name is default and cannot change.



2.3 Indoor Unit View - Map (this function is not available for Web terminals)

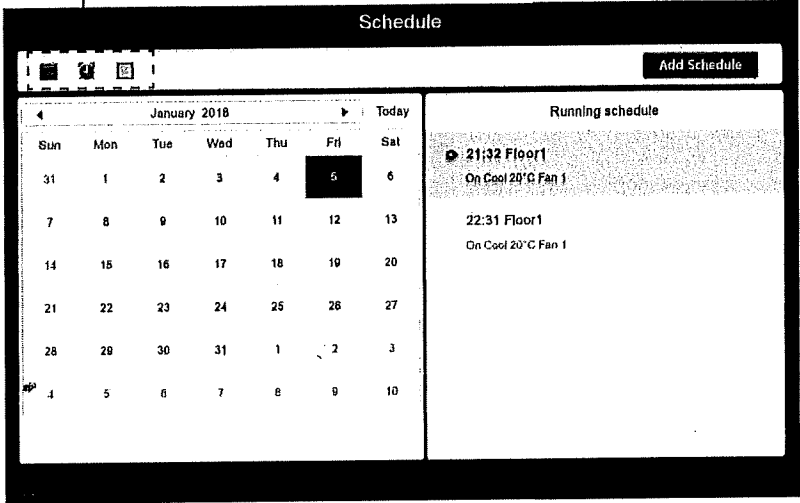
You need to configure the map when you install the functions before you can use it.



3. SCHEDULE



Once you have tapped **Schedule** on the Home Page to go to the function module, go to the page to view the schedules.



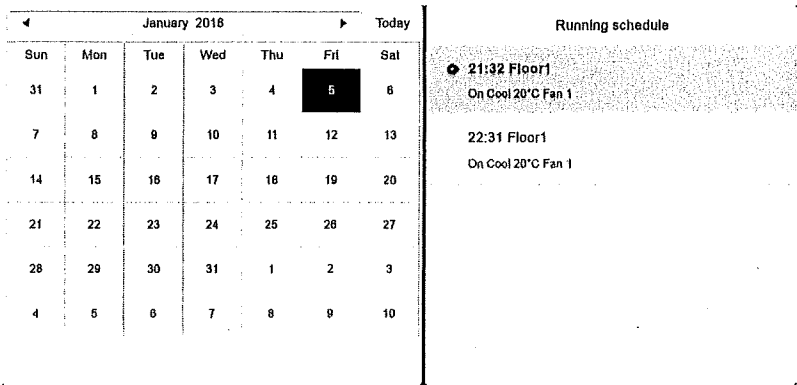
No.	Function
1	From left to right, the respective corresponding options to display the schedule are: 1. Calendar View (by date); 2. Plan View (by plan); 3. Device View (by device); Tap the corresponding icon to go to the respective schedule view. Default is the calendar view.

Note: Different types of indoor units cannot be added to the same schedule.

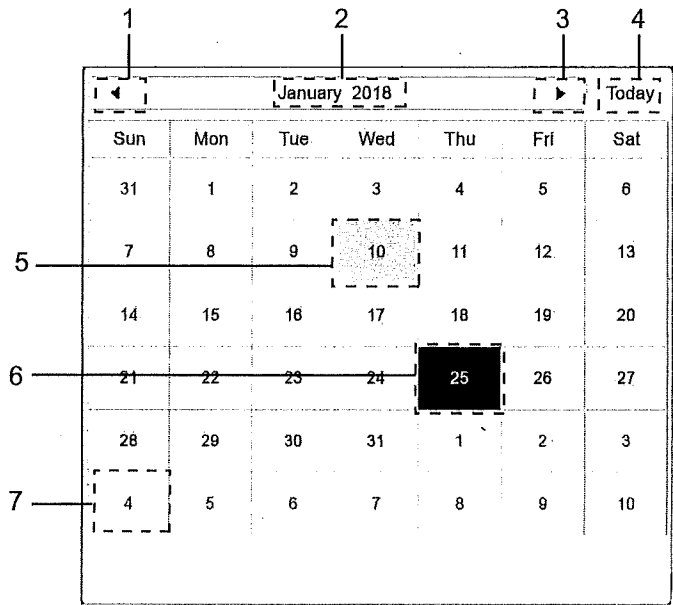
3.1 View Schedule

3.1.1 Calendar View

With the calendar view, select the date on the left to retrieve and view the schedule corresponding to the selected date on the right.



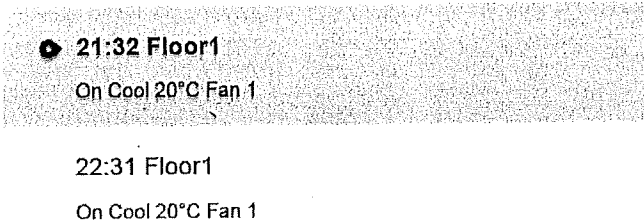
Calendar View



Calendar view

No.	Description
1	Tap to shift the calendar to display the previous month.
2	Displays the year and month information of the current date.
3	Tap to shift the calendar to display the next month.
4	Tap to quickly jump to the month that today's date belongs to, and select today's date.
5	Today's date that has not been selected (light blue background). Tap to select this date.
6	Date selected (dark blue background).
7	The grey numbers are dates not in the month shown now. Tap to jump to the month that the date belongs to.

Running schedule

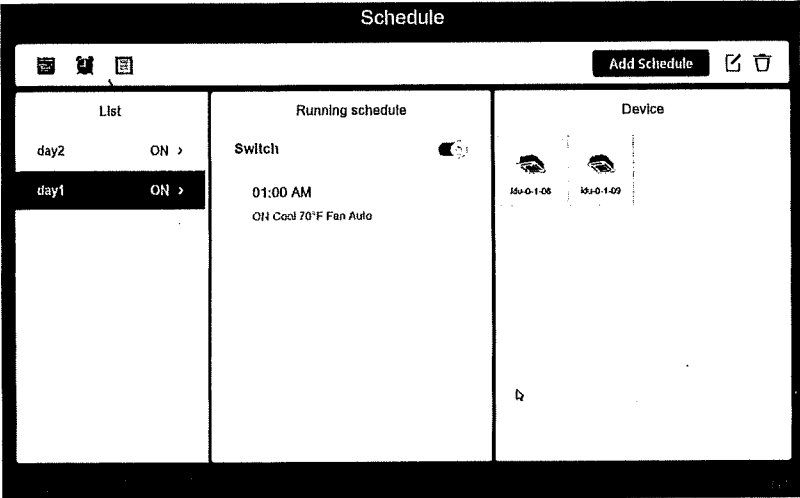


Schedule view

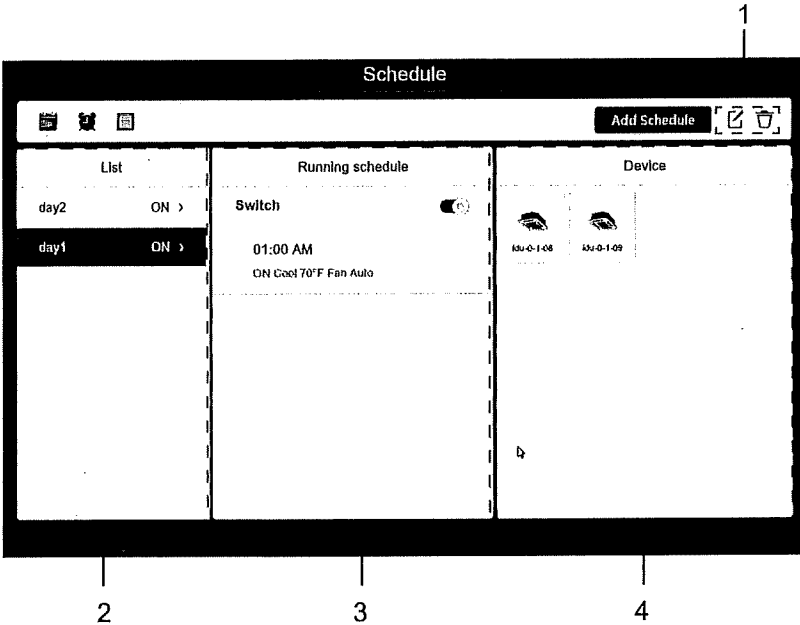
The schedule page only shows scheduled tasks that have not been performed for the selected date (arranged in the order of implementation time). The displayed information is as follows

- 1. Time
- 2. Schedule name
- 3. Details of the executed command (On/off, mode, set temperature, fan speed)

3.1.2 Plan View



Tap the second icon to view the schedule by plan as shown in the figure above.

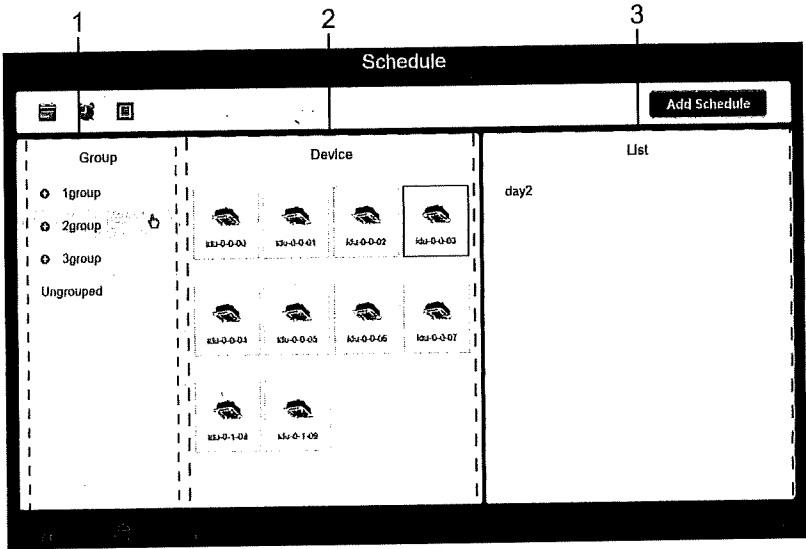


Calendar view (part)

No	Function
1	Tap the left icon to go to the schedule editor. Tap the right icon to delete the selected schedule.
2	The schedules are arranged in order of their time created. Tap to select the schedule you need. Selected schedule has a blue background colour. The schedule name is on the left of the schedule bar, and the status (ON/OFF) of the schedule is on the right.
3	Shows all the timings for the selected schedule. Use the On/Off slider to perform on/off operations on the schedule. All the events on the dates of the schedule that has been turned off are not implemented, and the status "OFF" is displayed on the schedule bar. The schedule will not come into effect until it is turned on again.
4	Shows all the indoor units associated with the schedule.

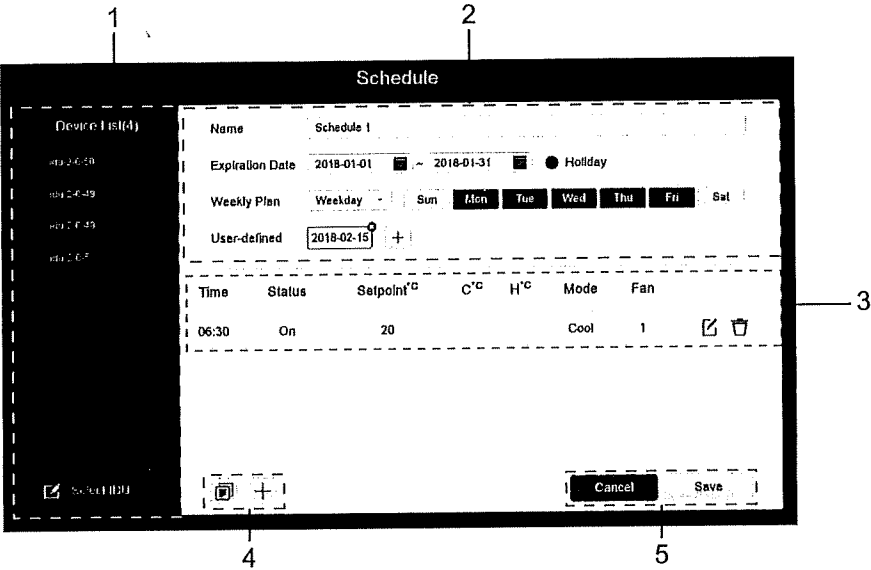
3.1.3 Device View

Tap the third icon to go to the device view.



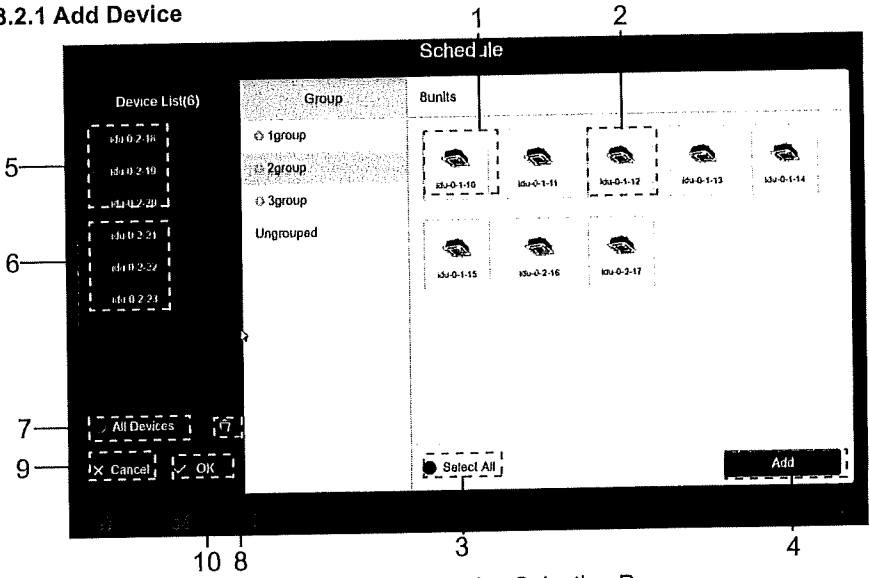
- The page is divided into three sections.
1. Group list: this makes it easy to locate the device quickly. Tap "+" to expand the group, and "-" to fold the group. All the IDUs in the selected group are displayed in the second column. Tap "Ungrouped" to view devices that have not been grouped.
 2. The second column is a list of all the devices in the selected group.
 3. The third column is the list of schedules, and displays names of all the schedules associated with the selected device.

3.2 Add Schedule



No.	Function
1	The device list displays all the devices related to the schedule. Tap to select and add the IDU
2	Settings related to the schedule name and effective date.
3	Settings related to the timings and commands.
4	Copy and add the schedule timings.
5	Cancel and save

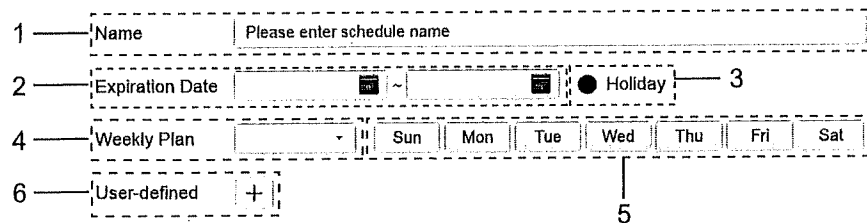
3.2.1 Add Device



3.2.1 Device Selection Page

No.	Function
1	Devices waiting to be selected are displayed in the rightmost area, and these are the devices that have not been added to the selected subgroup. "1" is a selected device and its top right corner is marked with
2	"2" is a device that has not been selected. Tap the unselected device to select the device. Tap again to deselect the selected device.
3	Tap to activate "Select All". is an active status. After activation, all the devices waiting to be selected in the group are selected. Tap again to deselect all. Manually cancel the selected status of a few devices after "Select All" has been activated will not cancel "Select All". Tap again to cancel the "Select All" option.
4	Tap to add the selected device.
5	Displays the device that has been added. Tap to select this operation. "5" is a device that has not been selected, tap to select it.
6	Displays the device that has been added. Tap to select this operation. "6" is a selected device, tap to deselect it. Left of the selected device is marked with
7	Tap to activate "Select All". is an active status. After activation, all the devices waiting to be selected in the group are selected. Tap again to deselect all. Manually cancel the selected status of a few devices after "Select All" has been activated will not cancel "Select All". Tap again to cancel the "Select All" option.
8	Move the device that has been selected to be added to the group out of the "Add device" queue.
9	Exit without saving.
10	Save and exit.

3.2.2 Date Settings



No.	Functions
1	Tap the input box to enter a name. Maximum length is 80 English characters (40 Chinese characters). Note that system is unable to save the name if it contains the following symbols: ([~!#\$%^&*()= {}';:,.<>/...?~! ¥ ... () — 【】 ": "" , , ` ? ; «»])
2	Tap in the white space next to the blue icon on the left to activate the date selection dialog box. Tap to select the corresponding dates, the start date is on the left and the end date is on the right. The end date cannot be earlier than the start date.
3	Check the blue icon on the left next to Holiday to activate the holiday exception function which is to carry out all the plans in the schedule during the holiday period. The icons that are checked are active.
4	Quick select for the weekly plan. Select the particular day to implement the plan for the day. If the day falls on a working day (Mon to Fri), the schedule for the day is implemented on the day itself.
5	Manual option for weekly plan. Tap the date to activate or deactivate it. Blue indicates active status, while white indicates inactive status.
6	You can add a custom date to the schedule as an individual date. Tap the "+" sign to add a date each time, and you may add up to 5 dates. Tap once to select and add the date. Tap "x" at the top left corner to delete this date. Tap the date in other areas to deselect it.



Note:

The schedule will not be implemented during holidays unless Holiday is selected;

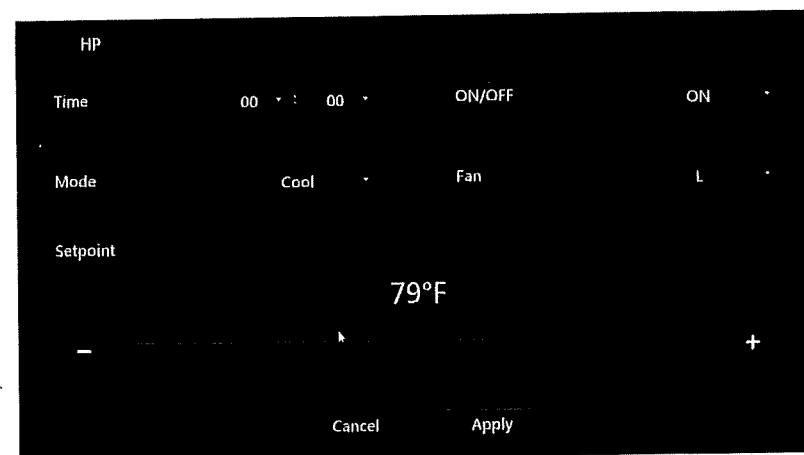
The schedule on the custom date will be implemented, regardless of whether the custom date falls within the effective dates, weekly plan or holidays;

The schedule for the remaining dates must meet the requirements of the effective dates and weekly plan.

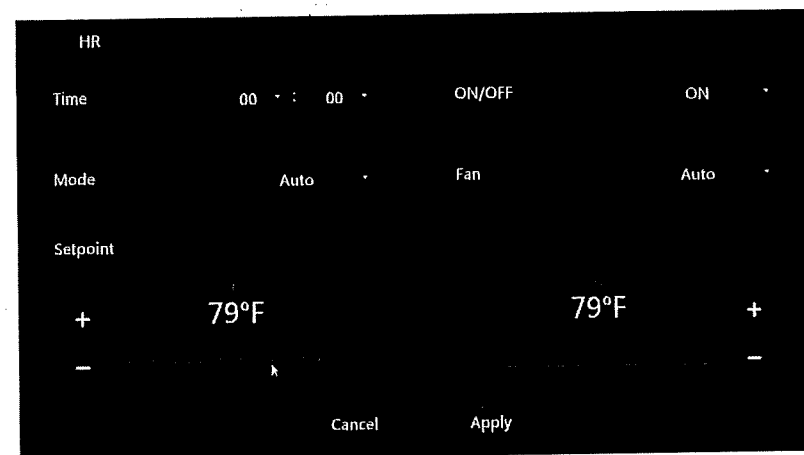
3.2.3 Add Schedule Command

Tap  to display the dialog box for adding scheduled commands. The following types of schedule command interfaces will be displayed according to the selected indoor unit type (you must add indoor units before creating a schedule command). After the first schedule command is created, you can tap  to create a schedule command.

1. Heat pump indoor unit



2. Heat recovery indoor unit



3. FAPU

FAPU

Time

00 : 00

ON/OFF

ON

Mode

Cool

Fan

L

Setpoint

79°F

Cancel

Apply

4.HRV

HRV

Time

00 : 00

ON/OFF

ON




Fan



H

Cancel

Apply

Note:

- 1. Tap "+" or "-" on "Setpoint" to increase or decrease the temperature by 0.5/1 (corresponding parameters are configured in settings);
- 2. Tap "+" or "-" on "Time" to increase or decrease the time by 1;
- 3. Tap  to copy the task with the latest implementation time and add one more minute to the implementation time. The 23:59 command cannot be copied.
- 4. For the times that have been saved, tap  to edit again, and  to delete.




Time	Status	Setpoint°C	C°C	H°C	Mode	Fan	
06:30	On	20			Cool	1	 

Note: The time on the schedule command editing interface is fixed to the 24 hour system. The homepage display interface can be set to display the 24 or 12 hour system.

3.2.4 Save


Tap "Save" to save all the operations on this page, and open a new schedule to add pages. If there are illegal or incomplete items, you will receive the corresponding prompts.
Tap "Cancel" to cancel all operations to add this schedule, and exit to the calendar view for the schedule.

3.2.5 Change Schedule

Tap  on the Home Page or tap  on the schedule in the calendar view to change the schedule. On the Home Page, the schedule is marked by . On the schedule view page, the entry point is the selected schedule.
The operating method for the schedule editor is similar to that for adding a new page. The difference is that the screen will remain on the schedule editor page for "Save".

4. REPORT

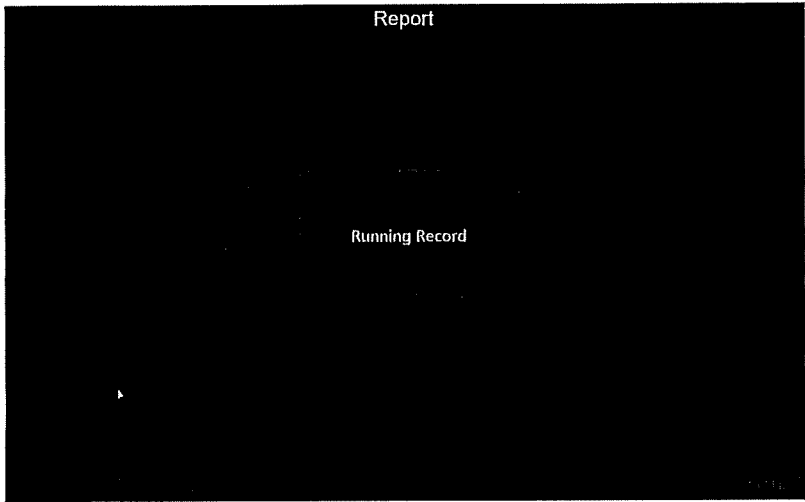
(Files are exported to local folder when the software is opened on a Web terminal.)

On the Home Page, tap .

There are 3 modules for users to choose from:

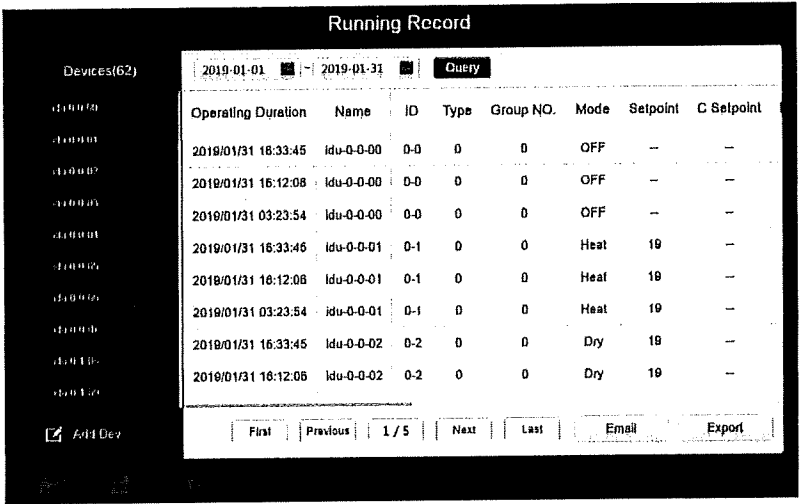
1. Running Record

Tap the corresponding key to enter the module.




4.1 Running Record

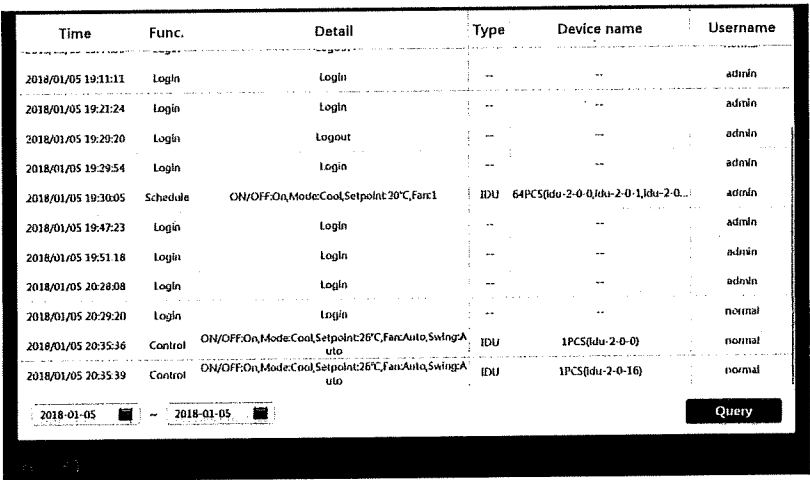
The running record also needs to satisfy two conditions before the query is implemented. The operating procedures and query method are similar to 3.4.1 Operating Duration.

A screenshot of a mobile application interface showing the 'Running Record' screen. The screen has a dark background. At the top, there is a header bar with the text 'Running Record'. Below the header, there is a table with columns: 'Operating Duration', 'Name', 'ID', 'Type', 'Group NO.', 'Mode', 'Setpoint', and 'C Setpoint'. The table contains several rows of data. At the bottom of the screen, there is a navigation bar with buttons: 'First', 'Previous', '1 / 5', 'Next', 'Last', 'Email', and 'Export'.

Operating Duration	Name	ID	Type	Group NO.	Mode	Setpoint	C Setpoint
2019/01/31 18:33:45	idu-0-0-00	0-0	0	0	OFF	--	--
2019/01/31 16:12:08	idu-0-0-00	0-0	0	0	OFF	--	--
2019/01/31 03:23:54	idu-0-0-00	0-0	0	0	OFF	--	--
2019/01/31 16:33:46	idu-0-0-01	0-1	0	0	Heat	19	--
2019/01/31 16:12:08	idu-0-0-01	0-1	0	0	Heat	19	--
2019/01/31 03:23:54	idu-0-0-01	0-1	0	0	Heat	19	--
2019/01/31 16:33:45	idu-0-0-02	0-2	0	0	Dry	19	--
2019/01/31 16:12:08	idu-0-0-02	0-2	0	0	Dry	19	--

4.2 Log

Tap  at the lower-left corner of the Home Page to go to the log page.

A screenshot of a mobile application interface showing the 'Log' screen. The screen has a dark background. At the top, there is a header bar with the text 'Log'. Below the header, there is a table with columns: 'Time', 'Func.', 'Detail', 'Type', 'Device name', and 'Username'. The table contains several rows of data. At the bottom of the screen, there is a navigation bar with buttons: 'First', 'Previous', '1 / 5', 'Next', 'Last', 'Email', and 'Export'.

Time	Func.	Detail	Type	Device name	Username
2018/01/05 19:11:11	Login	Login	--	--	admin
2018/01/05 19:21:24	Login	Login	--	--	admin
2018/01/05 19:29:20	Login	Logout	--	--	admin
2018/01/05 19:29:54	Login	Login	--	--	admin
2018/01/05 19:30:05	Schedule	ON/OFF:On,Mode:Cool,Setpoint:20°C,Fan:1	IDU	64PCS(idu-2-0-0,idu-2-0-1,idu-2-0-2)	admin
2018/01/05 19:47:23	Login	Login	--	--	admin
2018/01/05 19:51:18	Login	Login	--	--	admin
2018/01/05 20:28:08	Login	Login	--	--	admin
2018/01/05 20:29:20	Login	Login	--	--	normal
2018/01/05 20:35:36	Control	ON/OFF:On,Mode:Cool,Setpoint:26°C,Fan:Auto,Swing:A	IDU	1PCS(idu-2-0-0)	normal
2018/01/05 20:35:39	Control	ON/OFF:On,Mode:Cool,Setpoint:26°C,Fan:Auto,Swing:A	IDU	1PCS(idu-2-0-16)	normal

Certain operations of the software are recorded in logs, and these are classified into the following categories:

- General control command
- ECO control command
- Schedule control command
- Login and logout

Select the start time and end time at the lower-left corner. Tap "Query" to display the log contents within this statistic compilation period.

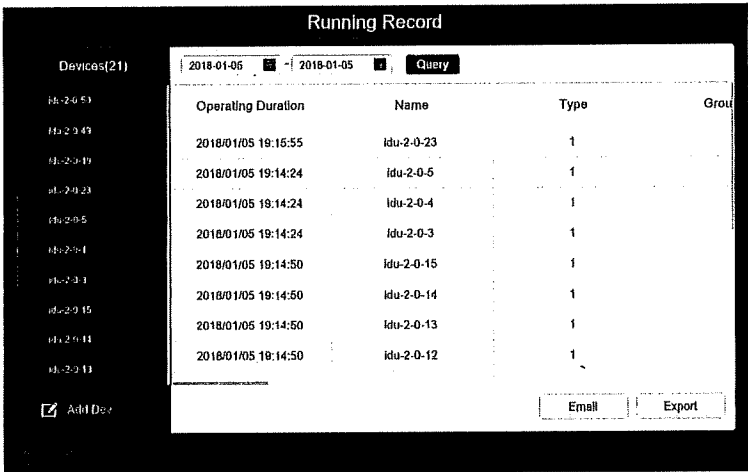
Note:

When you switch the language, the language used to record the data in the schedule is not refreshed, and the log record is based on the data language at the time of creation.

4.3 Export Function

For Running Record, there are functions to export the queries records to .csv files (except for histograms and graphs). The contents of the exported files are consistent with the current results of the queries. The format of the file is .csv, and it can be viewed and edited with Excel. Naming convention of the exported file is:

Running Record: record_timestamp.csv;



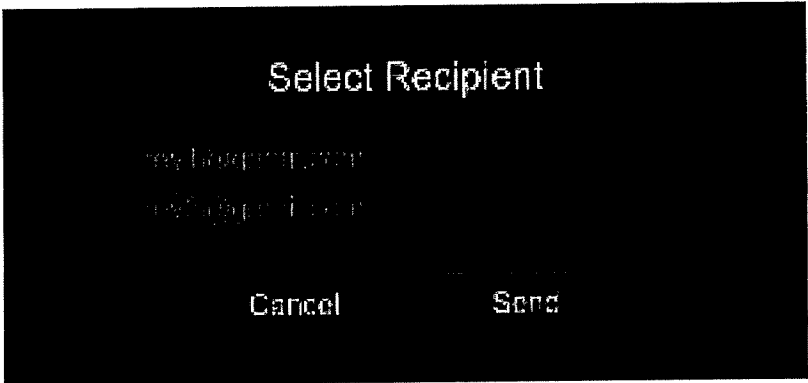
You can only save to local folder at the Web terminal, and the export target is the default download path for the current browser.

When the file is exported to a USB drive through the touch-screen, you will receive a prompt once the export is successful:



On the touch-screen, you can also use the configured mail address in the settings to export the report using mail and send the .csv file to the specified mailbox.

Tap mail export and you will be prompted to select the mail recipients. Once that is done, tap Send to send the mail.

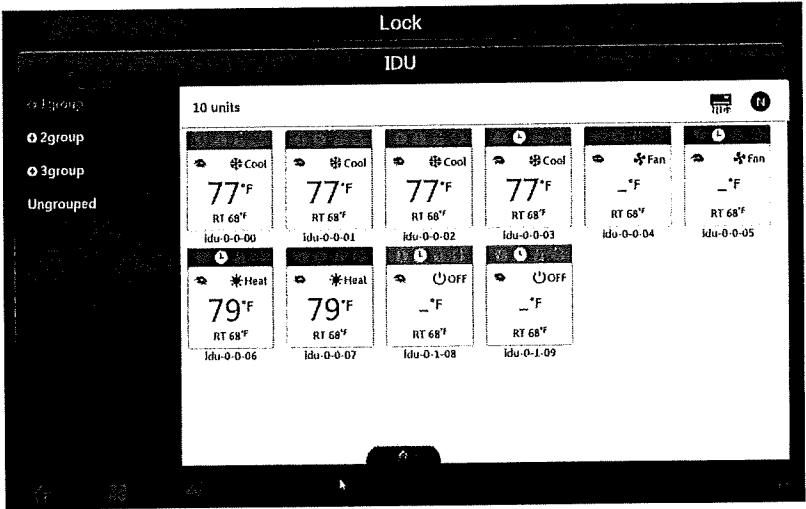


If mail is sent successfully, you will receive the following prompt:

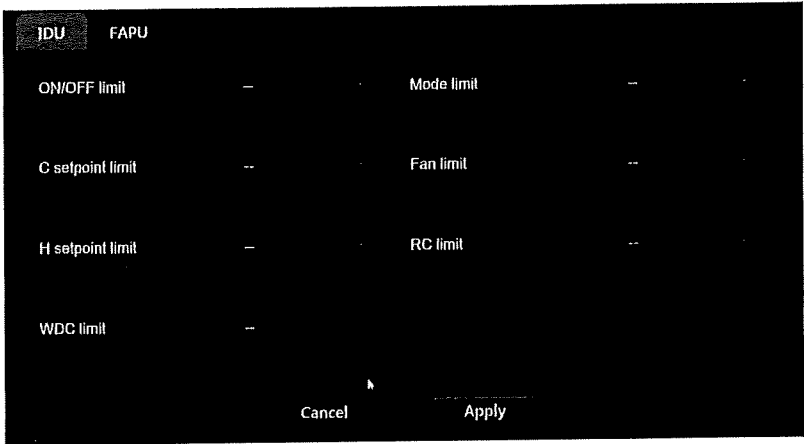


The recipients will receive the mail with the exported file as a mail attachment.
 If the mailbox settings are wrong, the mail will not be sent successfully.
 Note: Due to some mailbox server problems, the mail content may be compressed to a .bin file, and the attachment is not affected.

5. LOCK



The ECO page has one parameters: IDU.
 IDU:
 The user groups are on the left, which is similar to the device monitor page, except that the control commands are different.



Certain indoor units may not support one or more locks described above.

All parameters are "-" by default which means that no command is sent.

*Certain indoor unit models may not support all the lock functions mentioned above. Please consult the engineer on details regarding the different lock functions supported by different IDU models.

*Certain wired controllers may contain a "remote control/wired control, choose 1 of 2" function. This function is not related to the remote-lock in the centralized controller, and they are independent.

6. INSTALL

Under "Install", perform operations like device search, group edit, and name change when you use 10.1 for the first time.

6.1 Edit

Edit the name, model, fan power, auxiliary heating power (other parameters cannot be modified) of the indoor and outdoor units. Tap "Save" to save the edits.

Install

0: CASS

1: HWALL

2: IDUCT

3: LDUCT

4: VERT

5: HDUCT

6: SCASS

7: UCF

8: FLRCS

11: OA

13: ERV

1: HP

Auto Topology

Bus	System	Addr.	Type	Name	Fan(W)	EH(W)
Bus0 (0)	6	1	1	Idu-2-6-01	0	0
Bus1 (0)	6	24	0	odu-2-6-24	0	0
Bus2 (2)						
Bus3 (0)						
Bus4 (0)						
Bus5 (0)						

Group

address setting locked

Save

Note:

The maximum values of the fan power and the auxiliary heating power must not exceed 65535, and must not be negative values.

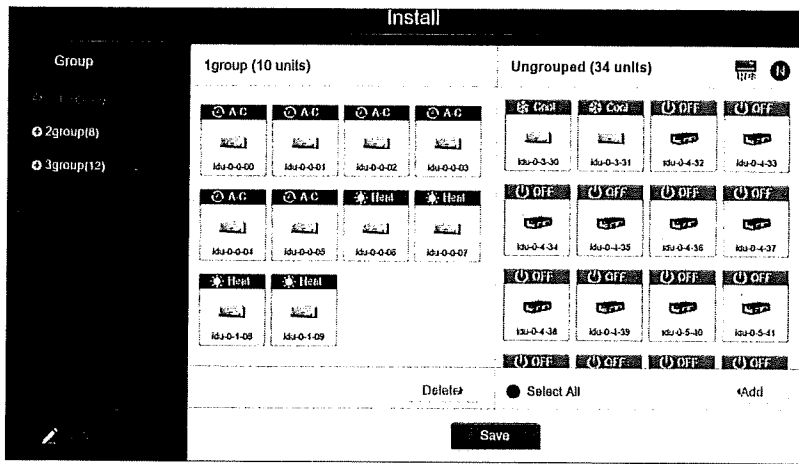
The device name length cannot exceed 12 characters. Otherwise, you will receive a prompt that the name is ineligible. The device name cannot be duplicated.

6.2 Group

Tap


Group

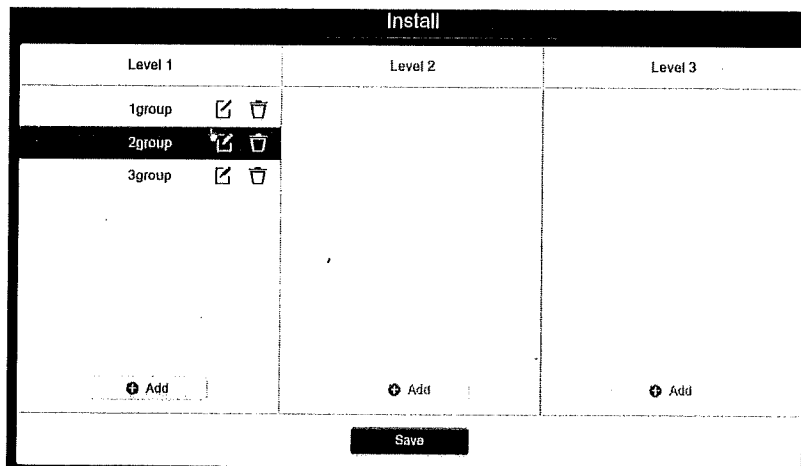
 at the lower-left corner to go to the group editor from the installation page.



Group creation is on the left.
When a group is selected, the group and the indoor units in that group are shown in the middle.
Indoor units that have not been grouped are shown on the left.


6.2.1 Create, Edit, and Delete Group

Tap  at the lower-left corner to go to the pages to create, edit and delete group.
The centralized controller supports three group levels.



Tap the back key at lower-left corner to return to the group page.

Create Group

Tap , and you will get a text box for you to edit the group at the corresponding level, and the mouse is active.

Enter the name. Tap the CR ("Go") key on the keyboard, or tap in the blank space to exit the editor.
Groups at the same level cannot have the same names.
A group name may include up to 12 characters. You will receive a prompt during "Save" if the name exceeds 12 characters.

Edit, Delete Group

When a group is selected, you will see the edit and delete function keys for the selected group.



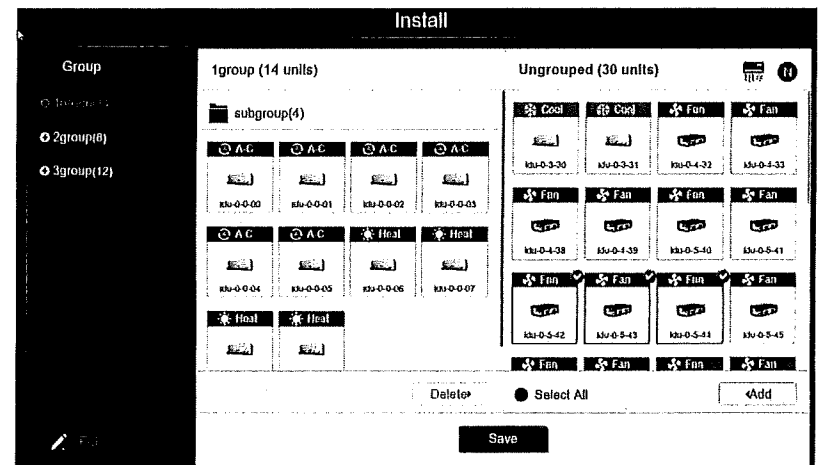
Tap the edit icon to go to the group name editor

Tap "Delete" to delete the group.

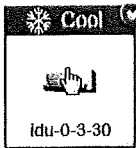
Note: Make sure you tap "Save" at the bottom of the page to save all create and edit operations.
Otherwise, the changes will be discarded.

Add indoor unit to group

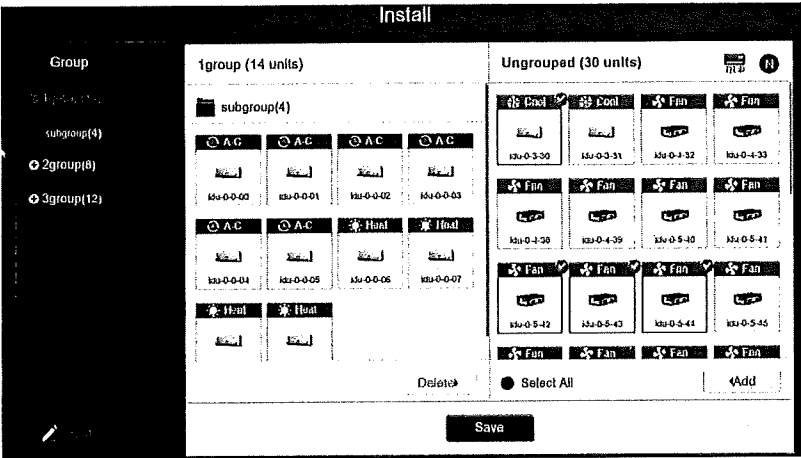
In the group page, you can add and delete the indoor units in the group.



Select the indoor unit you need to operate from the group list on the left. Tap **Add** to add the indoor unit to the corresponding group.



If the selected group has subgroups, they are displayed as follows:

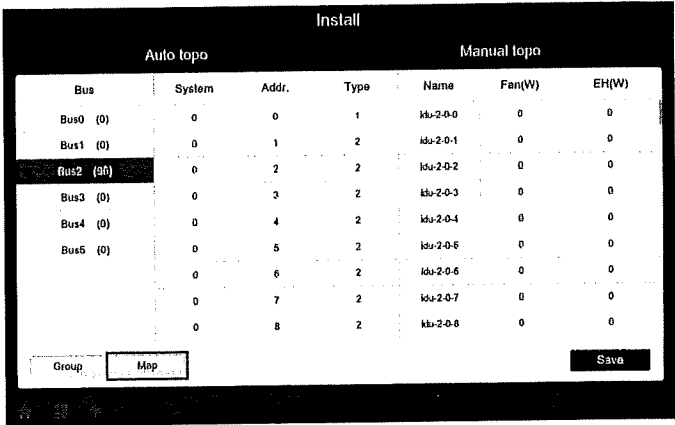


In the middle area, select the indoor unit to be deleted, tap **Delete** to remove the indoor unit from the corresponding group.

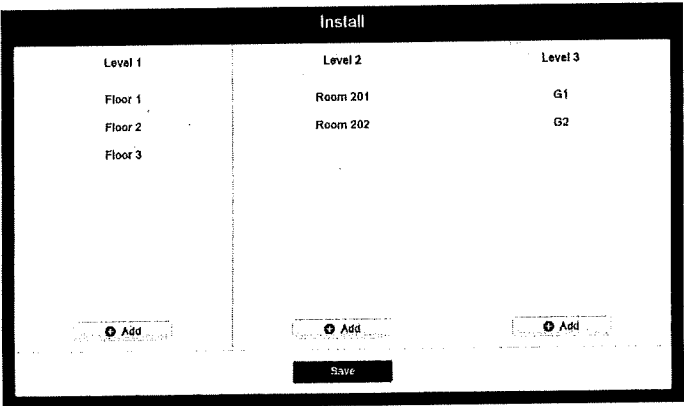
Note: Once the edits to the indoor units in the group have been completed, tap **Save** (at the bottom of page) to save the changes. If the changes have not been saved and you directly switch to other groups, you will receive the following prompt, "Changes have not been saved. Save the changes?"

6.3 Edit Map

This function is invalid for the web page. Once you are in the installation module, tap "Map" to enter the map editor to edit the map and the devices in it.



You will be taken to the group editor of the map when you enter the map editor for the first time to add groups to the map navigation function (Note: This group is independent of the group in the control function).



The method to add groups in this page is similar to that in section 3.6.3.1. For details, refer to 6.3.1. Once the edits are completed, tap **Save** to go to the map editor to edit the map, as well as to add and position the indoor units.

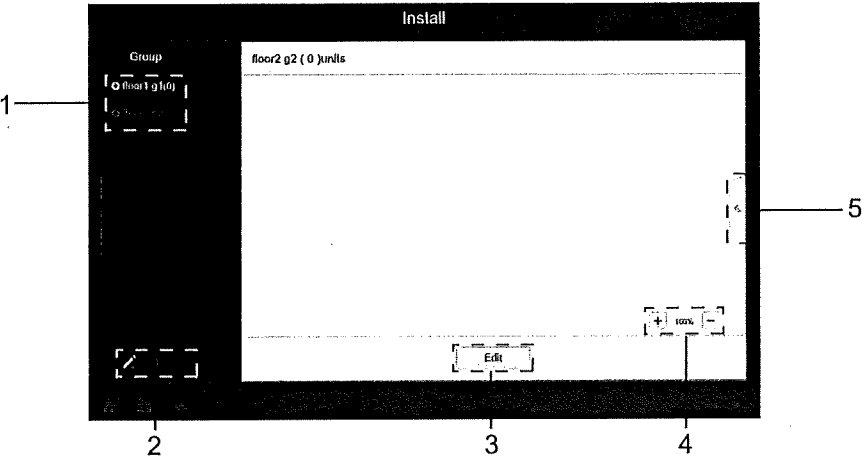


Figure 2.1

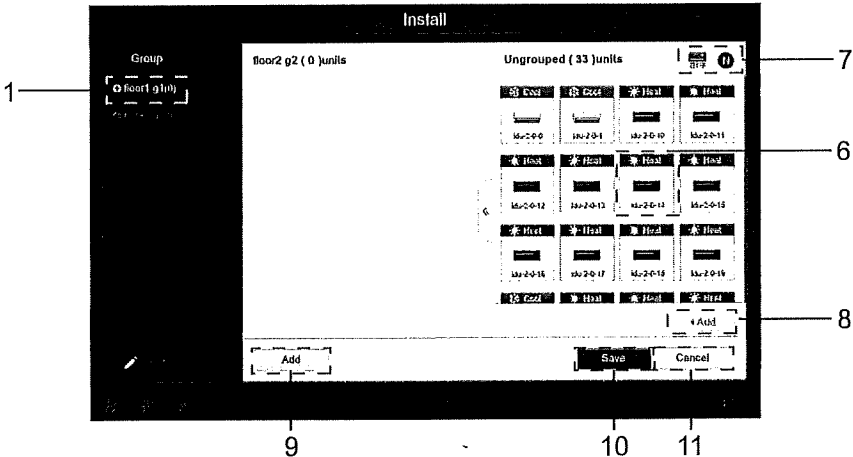




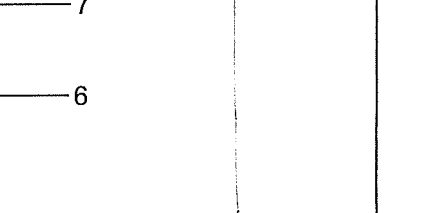



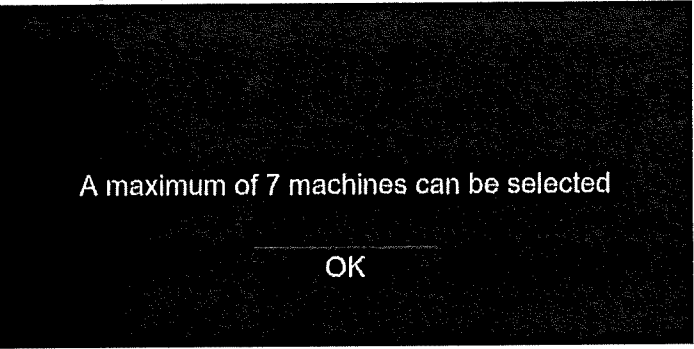
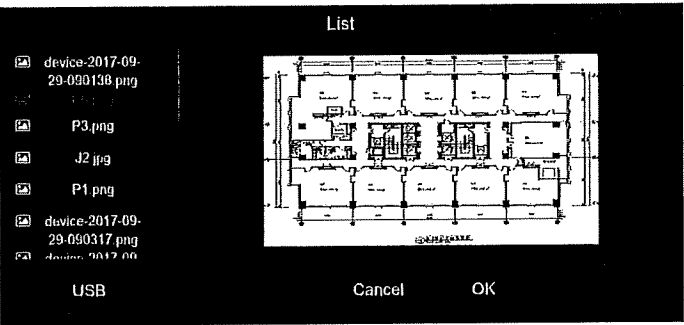




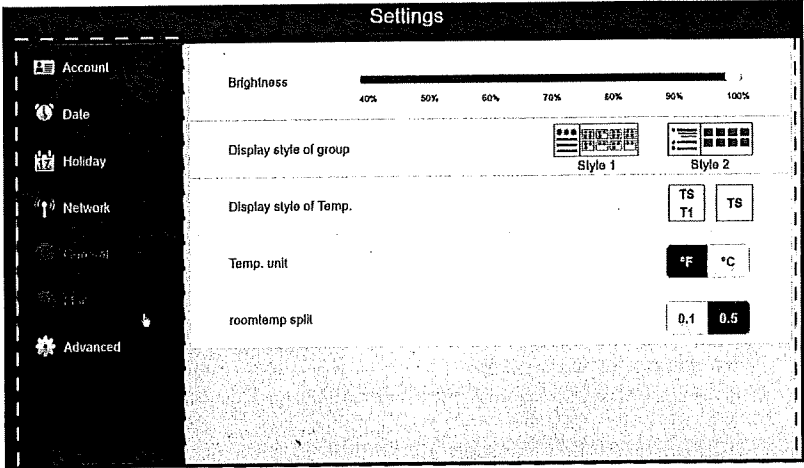
Figure 2.2

No.	Function Explanation
1	Group selection area. Tap "Edit" to edit the map in the selected group. Groups with subgroups are marked with an icon on the left of the group,  if the group has not been expanded, and  if the group has been expanded. Tap the icons to switch the status. Expand the tree structure to see the subgroups (branches).
2	Tap to go to the functions to add, delete, and edit group.
3	Tap to go to the edit function to add or move the devices, as well as add or change the map (floor plan). The edit page is shown in Figure 2.2.
4	Tap  to zoom into the map. Tap  to zoom out of the map. Zoom range is 75%-150%.
5	In the Edit mode, tap 5 to activate the Add panel, as shown in Figure 2.2. If you tap "Edit" before selecting any groups, the following error message is prompted:
	<div>  <p>Please first select a group</p> <p>OK</p> </div> <p>If you tap 5 before entering the Edit mode, the following error message is prompted:</p> <div>  <p>Please click Edit first</p> <p>OK</p> </div>

6	Shows devices that are not in the map. Default is to sort by name. Use 7 to switch to sort by mode. Tap to select the device. Tap again to deselect the device. Add up to seven devices each time.
7	The blue icon is the sort logic in the active status,  is to sort by mode,  is to sort by name.
8	Add the selected device. If you select more than seven devices, you will receive the following error prompt: 
9	Tap 9 when the Add panel is not activated to view a list of maps. System will search and display all .jpg and .png images that are less than 1MB in the root directory of the USB device.
	
10	Save all operations.
11	Cancel to exit the page.

7. SETTING

 Tap  on the Home Page to go to the Settings page. Default is the General module.

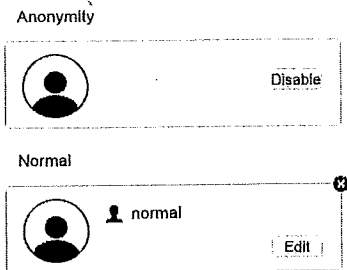


1

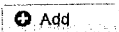
2

No	Function
1	List of available functions in the settings page. Tap to jump to the corresponding tab.
2	Shows details of the different tabs.

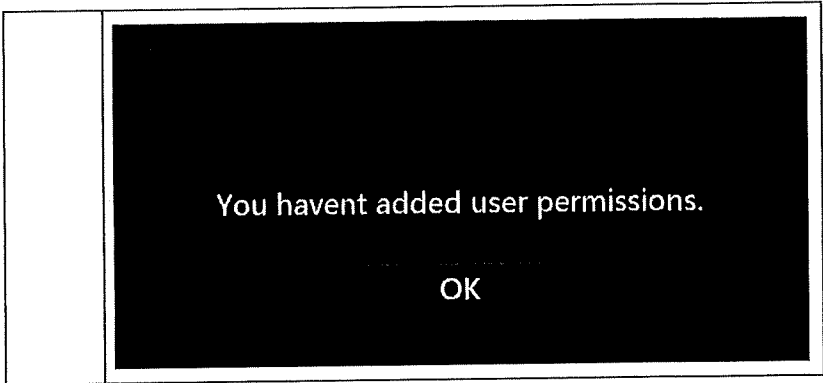
7.1 Account



Normal user page



1	View the status of the guest account. If the permissions have not been modified, tap to see
2	Only display your own account information. You cannot delete your own account. You can only change the password. Operations to change password are similar to that for the administrator.
3	Tap when no operation permission has been set to see



Default is maximum 15 characters for account name and password.
Default account is "normal", password "123456";

7.2 Date

Tap the list to go to the **2018-01-05** tab to set the date and time as shown in Figure 7.2.1. Default is the No Edit page. View the current date and time. Use "◀" and "▶" or any grey numbers that do not belong to this month to jump to another month. Tap to check the blue icon on the left of "Modify date and time" to enter the Edit mode as shown in Figure 7.2.2.

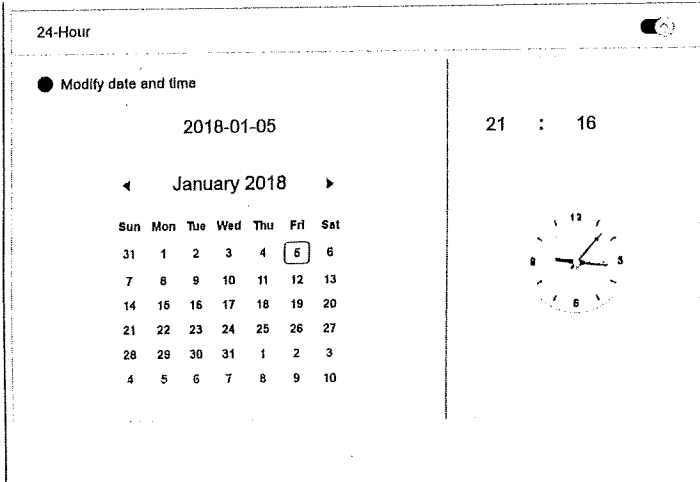


Figure 7.2.1 No Edit mode

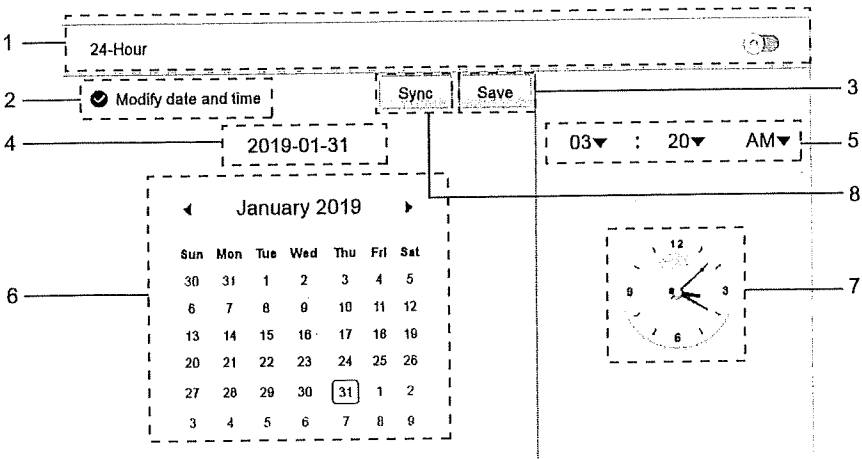


Figure 7.2.2 Edit mode

NO.	FUNCTION
1	Use to switch between 24-hour and 12-hour clock system. You can adjust the system timing system in both Edit and No Edit modes. When the slider is white and inactive, slide to the left, and the slider becomes blue and active, and the system switches to the 24-hour clock system. When the slider is active, slide to the right and the slider is now inactive, and system switches to a 12-hour clock system.
2	Tap the blue icon on the left side of "Modify date and time". Once this icon is checked, Edit mode is on. Tap again to uncheck the icon to exit the Edit mode, and all changes will be discarded.
3	Appears only when Edit is on to save the changes to the date and time. Tap to save the result and exit the Edit mode.
4	Displays the current system date when Edit is off. Displays the date selected when Edit is on.
5	Displays the current system time in the No Edit mode. Tap "▼" when Edit is on to activate the number selection list to adjust the time. Scroll the list to select the desired time, and close the list.
6	Displays dates in a calendar format with a solid box to frame today's date. Tap the grey numbers or "◀" and "▶" to change the month. When Edit is off, you can only view the calendar. When Edit is on, tap on any date to select and modify the date. Selected dates have a blue background.
7	Displays the current time in the form of a clock. Clock stops when Edit is on. Automatically skip to the modified time once the modified time is saved.
8	Sync (this function is available only on the WEB interface): Tap this button to synchronize the time with that of the connected PC (or an equivalent terminal).

Note: When centralized controller is powered off and powered on again, the time of centralized controller needs to be calibrated first.

7.3 Holiday Settings

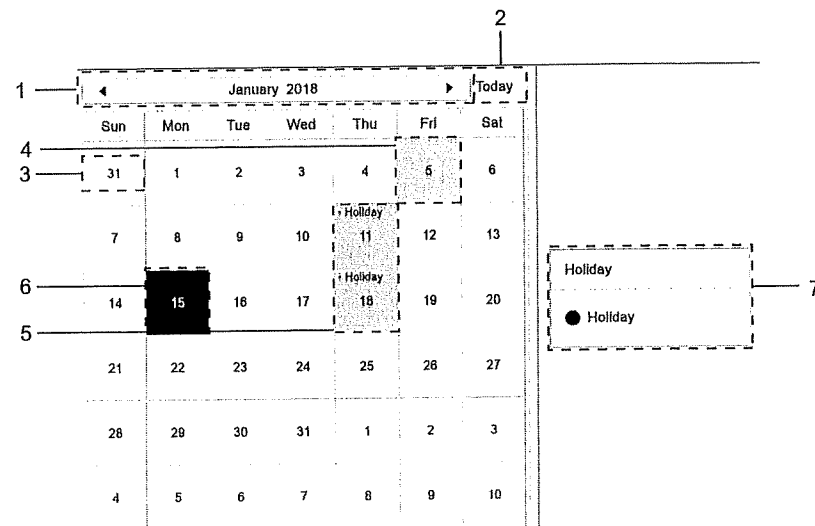


Figure 7.3.1

NO.	FUNCTION
1	Displays current year and month. Tap "◀" and "▶" to change the month.
2	Shortcut to return to the current system date. Tap to activate it immediately.
3	Dates in grey do not belong to the current displayed month. Tap to jump to the date that the grey number belongs to and select the date.
4	Light blue background colour and blue font for today's date.
5	Dates with light blue background and red text are marked as holidays.
6	Selected date has a dark blue background. Tap the dates in black or blue font to select the date.
7	Non-holidays are marked with ●. Holidays are marked with ●. Select the corresponding date to view its status. Tap the blue icon to switch the status.

7.4 Network Settings

(Wireless network settings are invalid for the web page.)

Wi-Fi

Wifi Name

IP

Netmask

Gateway

DNS1

DNS2

Local

Static IP

IP192.168.100.40

Netmask255.255.255.0

Gateway192.168.100.1

DNS1192.168.100.1

DNS2192.168.100.1

Save

No.	Function
1	Wireless Network Select wireless network
2	Tap to display the Wi-Fi configuration interface: The available Wi-Fi list is displayed. Tap "Connect" to start connecting to Wi-Fi; tap "Cancel" to cancel this change. Note: The configuration button is displayed only when Wireless Network is selected.
3	Display the name of the Wi-Fi connection and the obtained IP address, etc. If there is no connection, the Wi-Fi and IP address are displayed as null.
4	Local Network (wired network) This option is selected by default.

5	The default IP address is displayed in the above figure: IP: 192.168.100.40 Subnet mask: 255.255.255.0 Default gateway: 192.168.100.1 DNS Server Preferred server: 192.168.100.1 Standby server: 192.168.100.1
6	After the local network is selected, you can modify the information such as the IP address (5 in the red box). After modifying, tap "Save" to apply the new configuration. Note: The Save button is displayed only when the local network is selected.

7.5 General Settings

(Adjustment to screen brightness is only for the touch screen)

Brightness

40%50%60%70%80%90%100%

Display style of group

Style 1Style 2

Display style of Temp.

TS T1TS


Temp. unit

°F°C

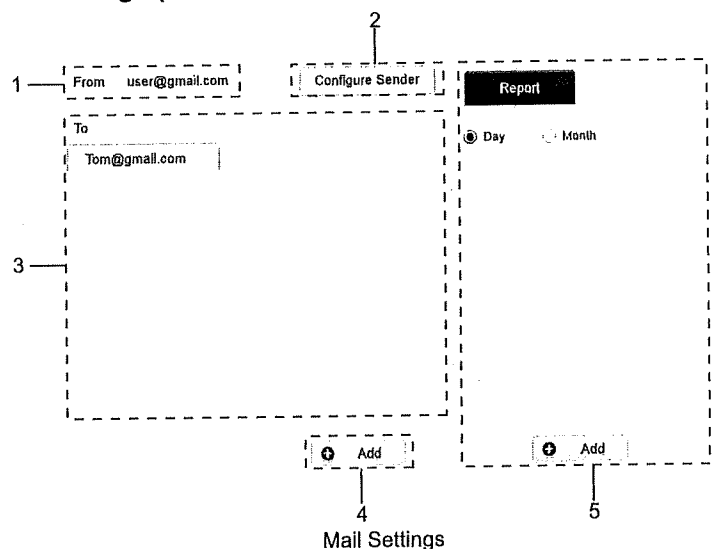
roomtemp split

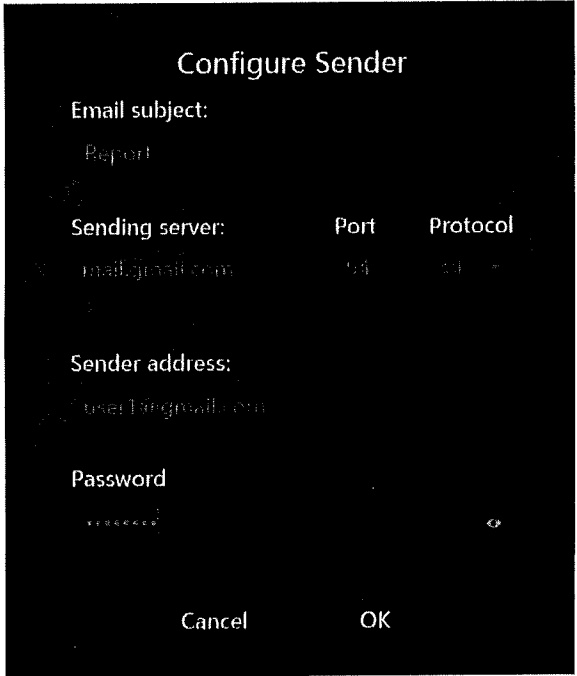
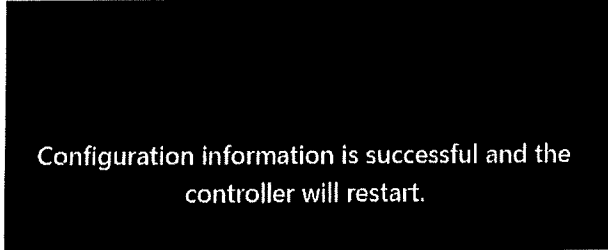
0.10.5

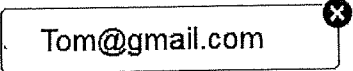


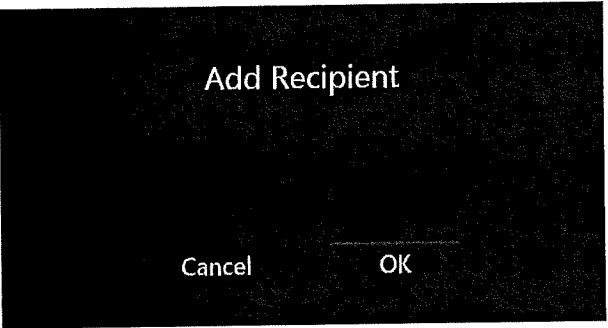



General Settings

No	Function
1	Adjusts the display brightness. Tap  to adjust. Slide left to reduce the brightness, and right to increase the brightness.
2	Adjusts the group's display mode. Selected mode is highlighted in blue. Tap the grey icon to activate its mode. The two modes are mutually exclusive. The function targets the Group Navigation at the Device Monitor and Installation. Image on the right is related to the display of indoor units in the subgroups. Expand to display the indoor units in the subgroups on the right. Otherwise, the indoor units in the subgroups are merged into the subgroup folder and only the number of indoor units is displayed.
3	If the indoor ambient temperature for T1 is displayed. Left is Display, right is No Display. Selected mode is highlighted in blue. Tap the grey icon to activate its mode. The two modes are mutually exclusive.
4	Unit of temperature. Selected mode is highlighted in blue. Tap the grey icon to activate its mode. The two modes are mutually exclusive.
5	Room temperature 0.1, 0.5. Only displayed under admin account and factory account. This option is not available for normal accounts. Related to the ambient temperature analysis, see the corresponding ambient temperature analysis instructions in detail.

7.6 Mail Settings (Invalid for Pure Gateway Web End)











No	Function
1	Displays the configuration of the current sender
2	Tap to configure and edit the sender <div data-bbox="1255 316 1827 987">  <p>The screenshot shows the 'Configure Sender' dialog box with the following fields and options:</p> <ul style="list-style-type: none"> Email subject: Report Sending server: mail.gnash.com Port: 54 Protocol: IMAP Sender address: user1@gnash.com Password: (masked with asterisks) Buttons: Cancel and OK </div>
	<p>Note: The software will restart automatically after the sender is configured.</p> <div data-bbox="1255 1047 1858 1295">  <p>Configuration information is successful and the controller will restart.</p> </div>

3	<p>Displays information about the recipient. Tap to select the recipient.</p>  <p>Select a recipient and tap  in the upper right corner to delete this user.</p>
4	<p>Tap  Add to add a recipient.</p>  <p>Select an added recipient. The  Add button changes to  Edit. Tap it to edit the recipient.</p>  <p>Fill in the corresponding details. Tap "OK" to save and exit. Tap "Cancel" to cancel all operations and exit.</p>
5	Reserved function

Note: The login name of the mailbox must be the same as the mailbox account; otherwise the mail function cannot work normally.

7.7 Advanced Settings

(version upgrade is only for the touch screen terminal)

Reboot		1
Factory data reset		2
Import		3
Export		4
Cooling only system		5
Emergency Shut Down		6
Recovery after emergency stop		7
Version	V20230526	8
 <div>Update</div>		9

Advanced Settings

No.	Function
1	Tap the slider to activate the dialog box. Tap "OK" to reboot the device. Tap "Cancel" to cancel all operations and exit.
2	Tap the slider to activate the dialog box. Tap "OK" to restore the device to factory settings (clear topology information, schedules, history, operating duration, running records, energy statistics, settings). Tap "Cancel" to cancel all operations and exit.
3	Import the device information, group information, and schedule information. Work together with the export function to quickly restore the controller operating status when the controller is replaced
4	Export the device information, group information, and schedule information. Works in coordination with the import function to quickly restore the controller operating status when the controller is replaced
5	Cooling only system: If a cooling only system is connected, click the slider to activate this item.
6	Emergency Shut Down: tap the slider to activate the dialog box, this Emergency Shut Down function is able.
7	<p>Recovery after emergency stop: When this function is enabled, if the emergency stop is released, the touch screen centralized controller restores devices to the states that they were in before the emergency stop was engaged. (The touch screen centralized controller only restores the operating states of devices that are in the startup state at the time the emergency stop was triggered.)</p> <p>When this function is disabled, if the emergency stop is released, the touch screen centralized controller will not send a startup command.</p> <p>Note: This function restores only the operating mode and set temperature of started devices. After restoration, the fan speed and angle may be different from those at the moment when the emergency stop occurred.</p>
8	Displays the current version of the software.
9	<p>Tap the blue icon. The controller will automatically search for the update file in the inserted USB root directory. Follow the prompts on the screen to complete the operation.</p> <p>Note: Never modify the update file (including the file name). Otherwise, the system may fail to work.</p>