Manual for SMART-BUS APP

- Manual Version: 3.12.3
- Updated Date: Aug 12, 2019
- Copyright: SMART GROUP
- Update information
  - universalSwitch control light

1.Download and install

- Open the App Store on the iPhone/iPad

- In the search bar, enter "smart g4"

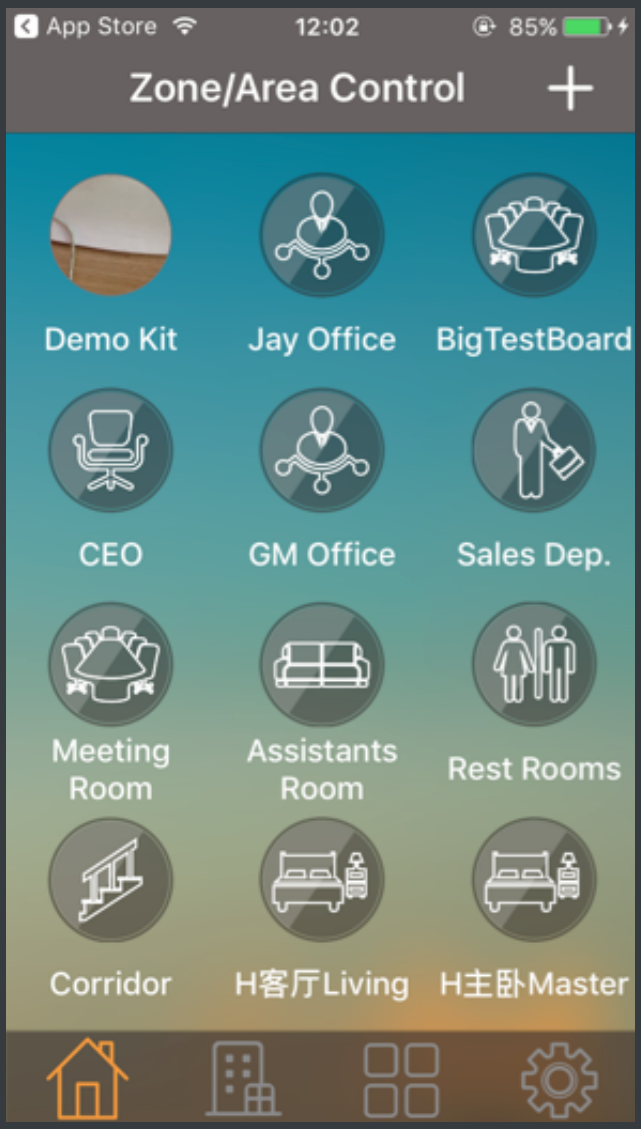
- You can also install directly by scanning the QRcode below.

2.Introduction to app function architecture

- The entire app contains four major parts

2.1 zone control

- Control of device status in each zone

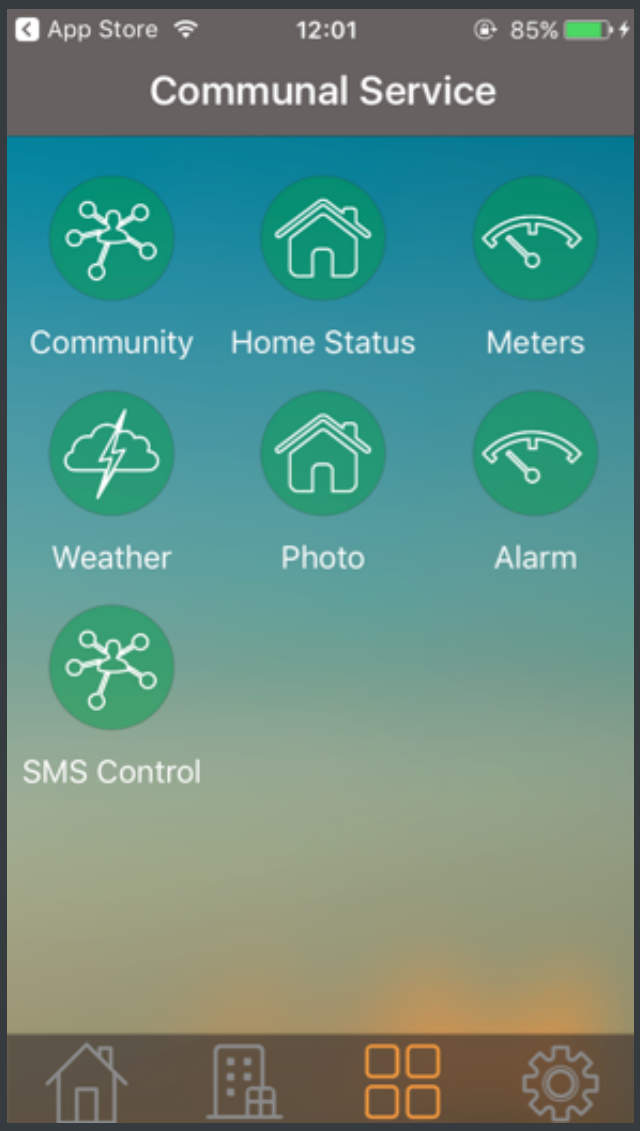


2.2 center control

- Control of a device in all areas

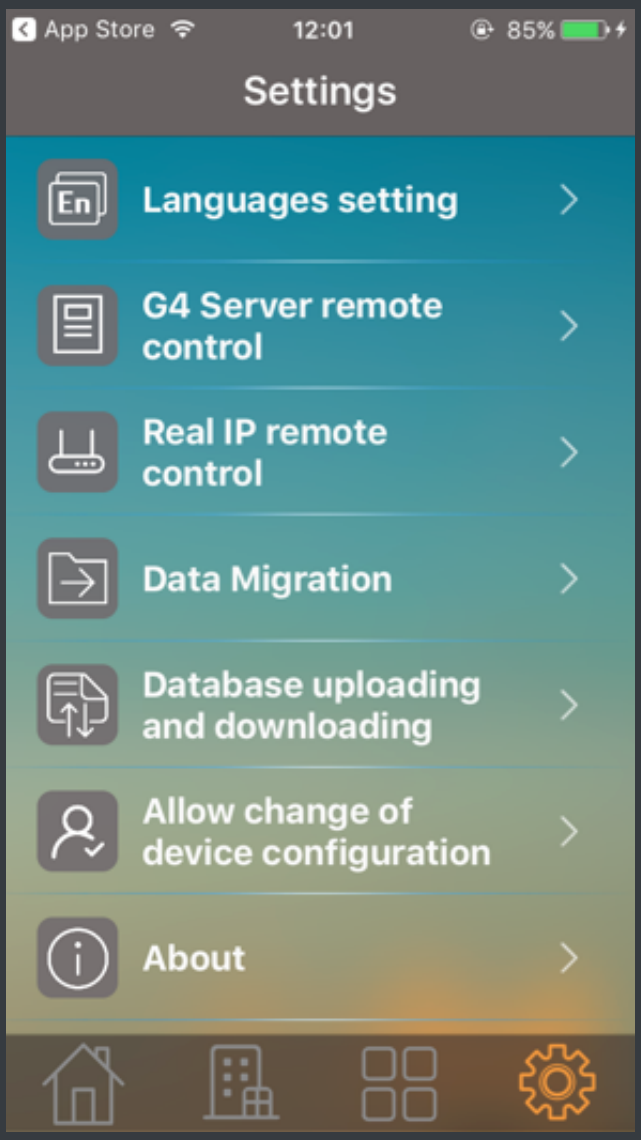
2.3 community service

- This part has no function for the time being



2.4 settings

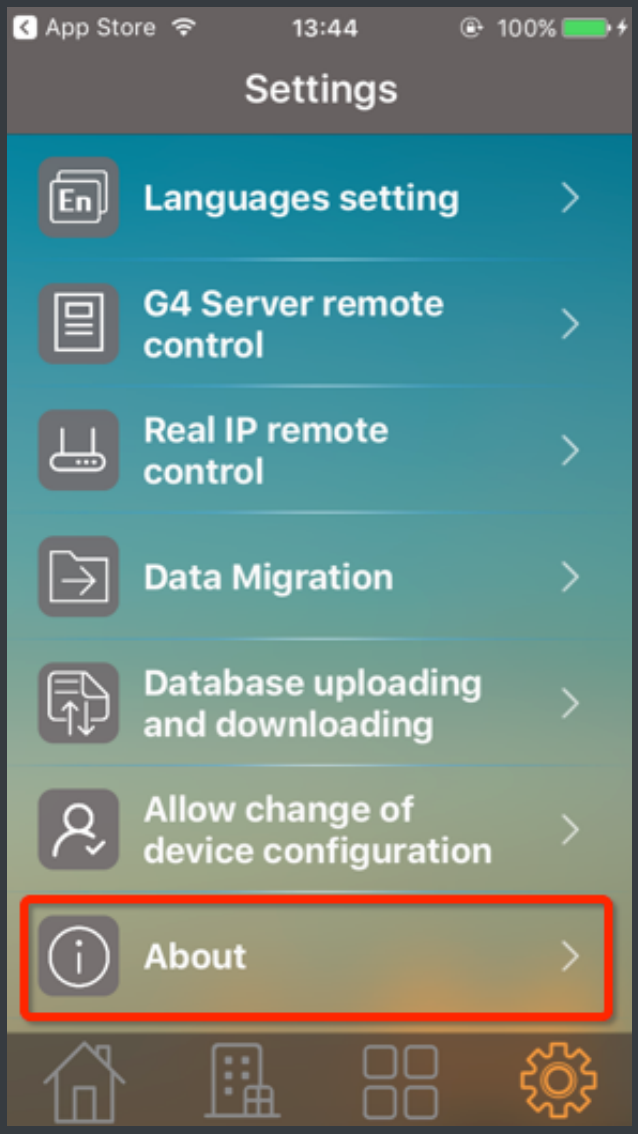
- Set the device parameters in the zone and the language environment of the app.



3. An introduction to the settings

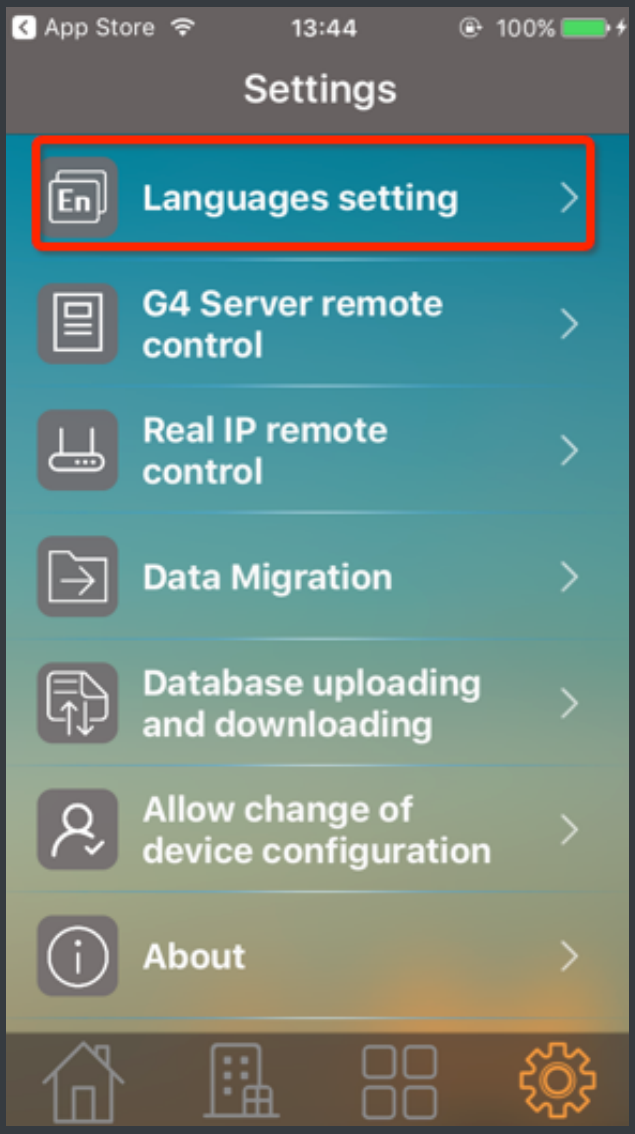
3.1 View version

- Click on '' about ''


App Store
13:44
100%
Settings
Languages setting
G4 Server remote control
Real IP remote control
Data Migration
Database uploading and downloading
Allow change of device configuration
About

3.2 Setting up language environment

- English is the default
- Setting up other languages
  - Select language settings
  - Select the language and save it


App Store
13:44
100%
Settings
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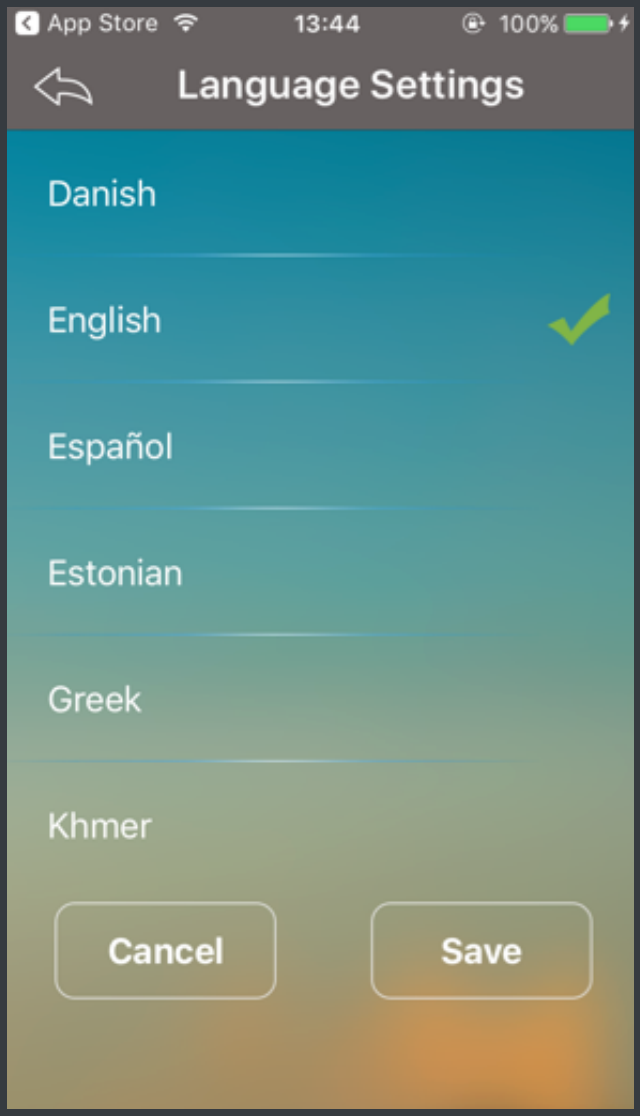
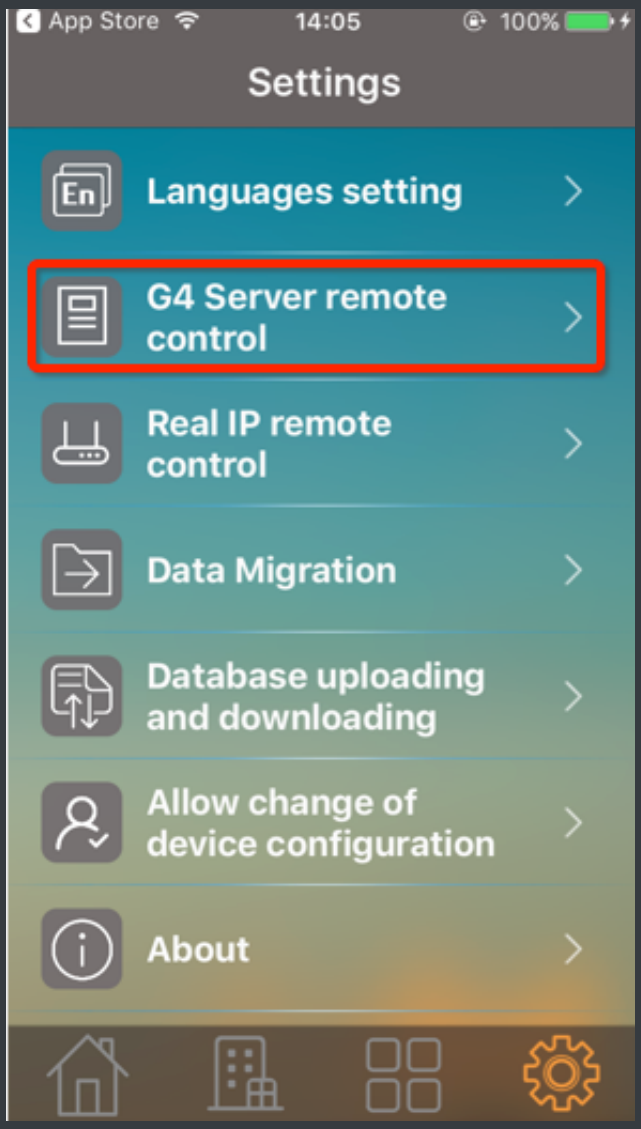


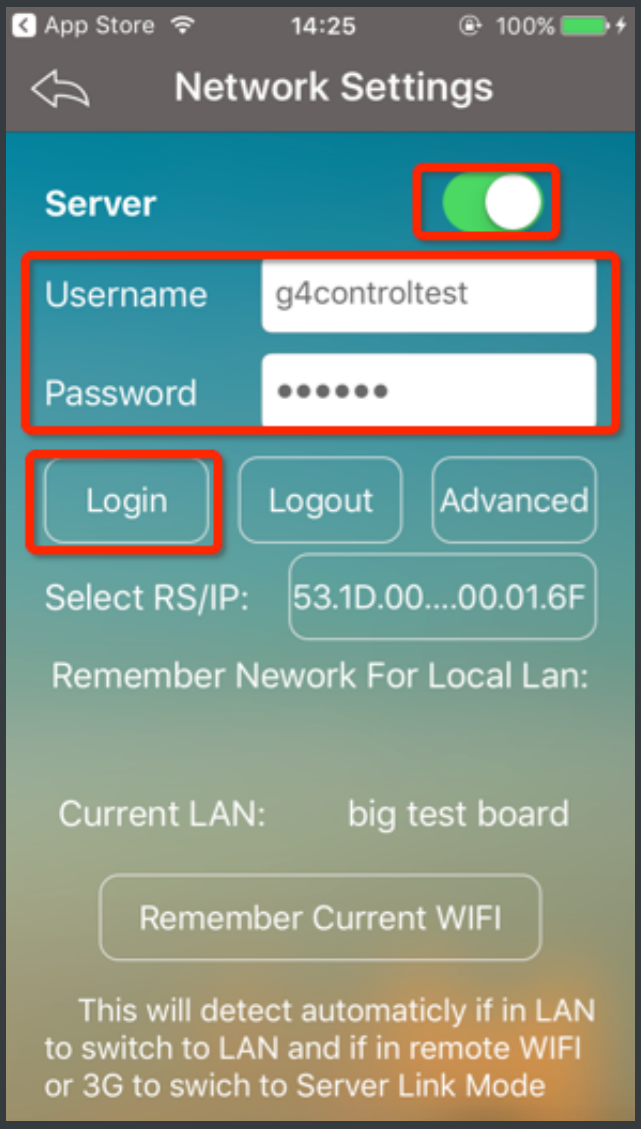
3.3 Open remote control

3.3.1 G4 Server

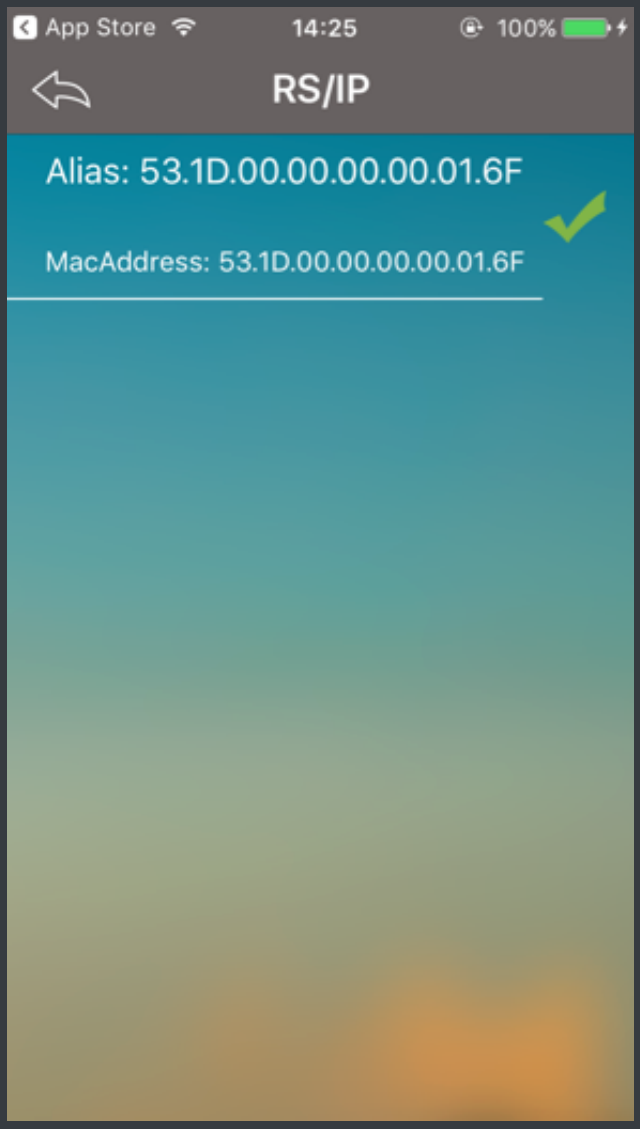
- Click on "G4 Server remote control"



- Login with an account password



- Select the RS/IP you need

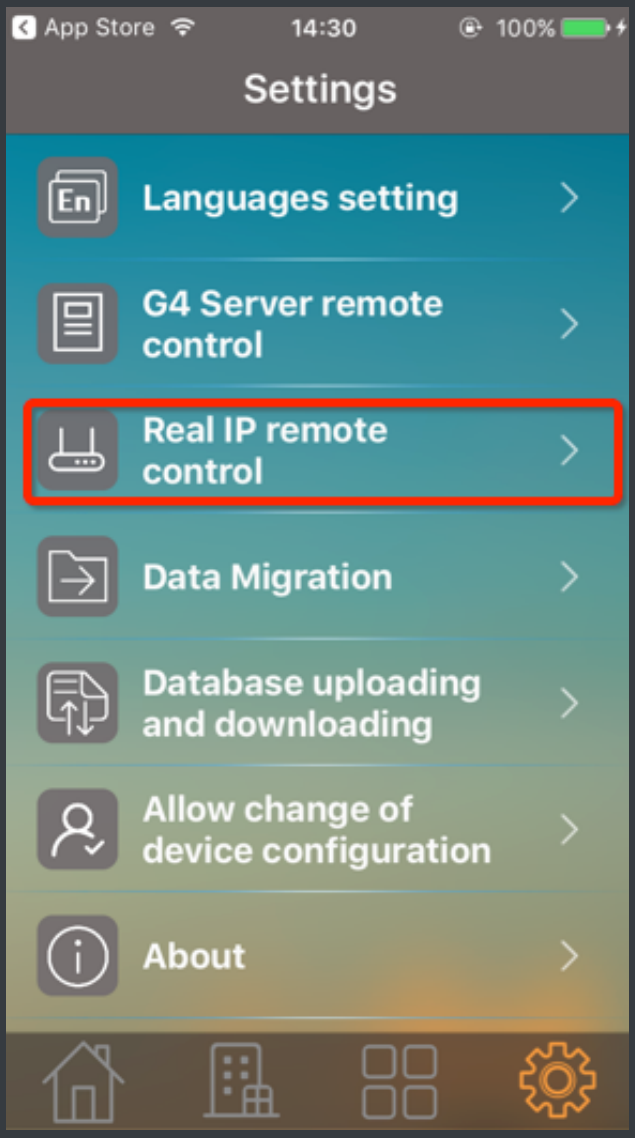


- Remember that you can use the WiFi to control the WiFi name of the device state

- If successful, save success will be shown.

3.3.2 Real IP

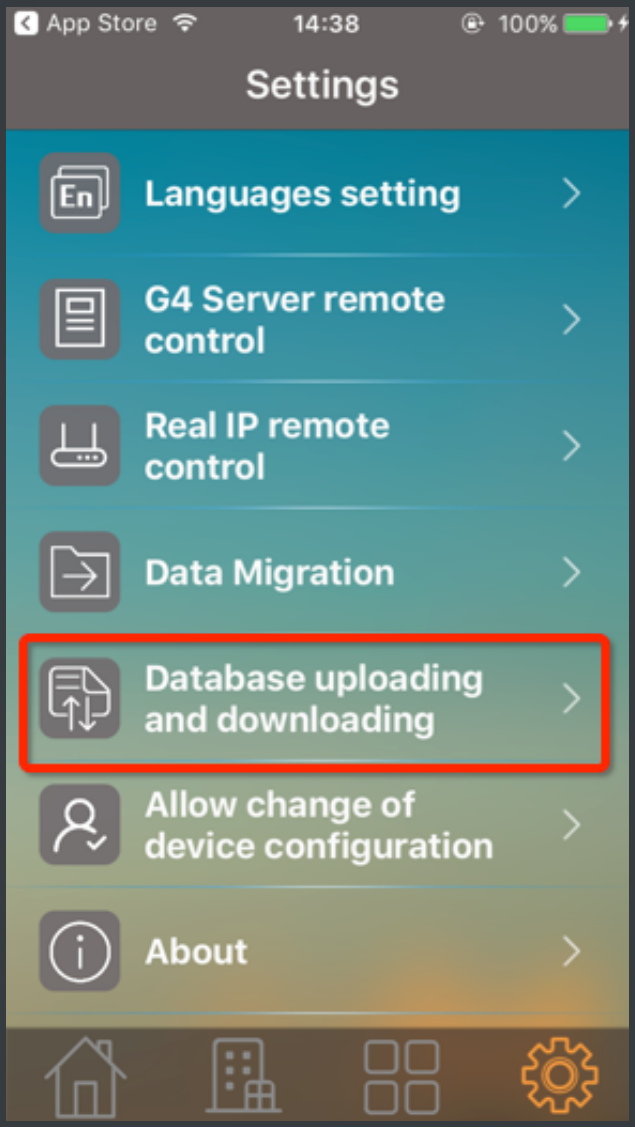
- Click on "Real IP remote control"



- IP of the input router

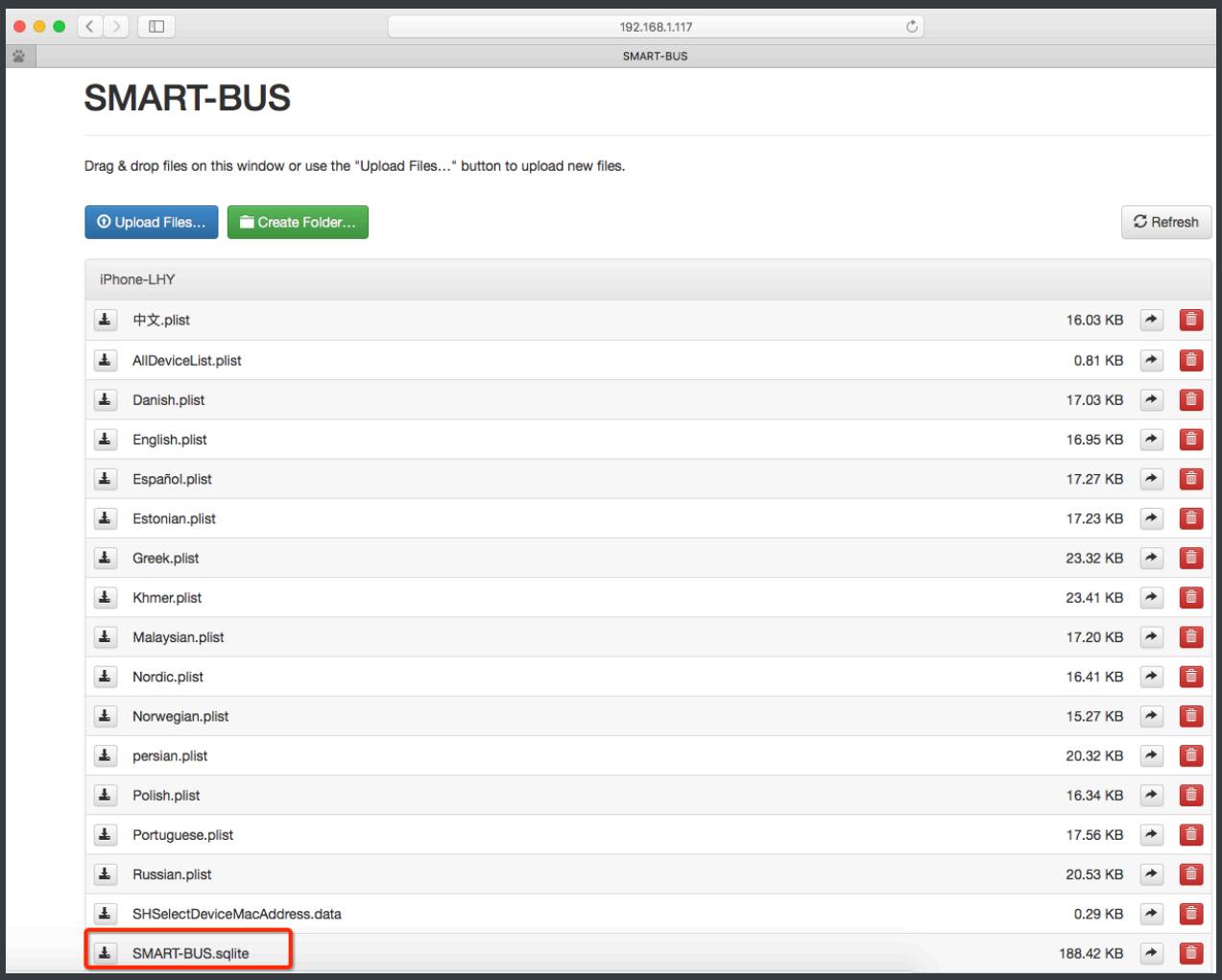
3.4 Uploading and downloading database files

- click on " Database uploading and downloading"

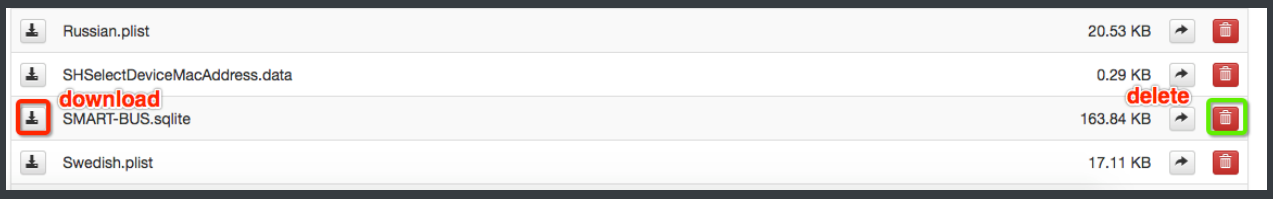


- Open the service

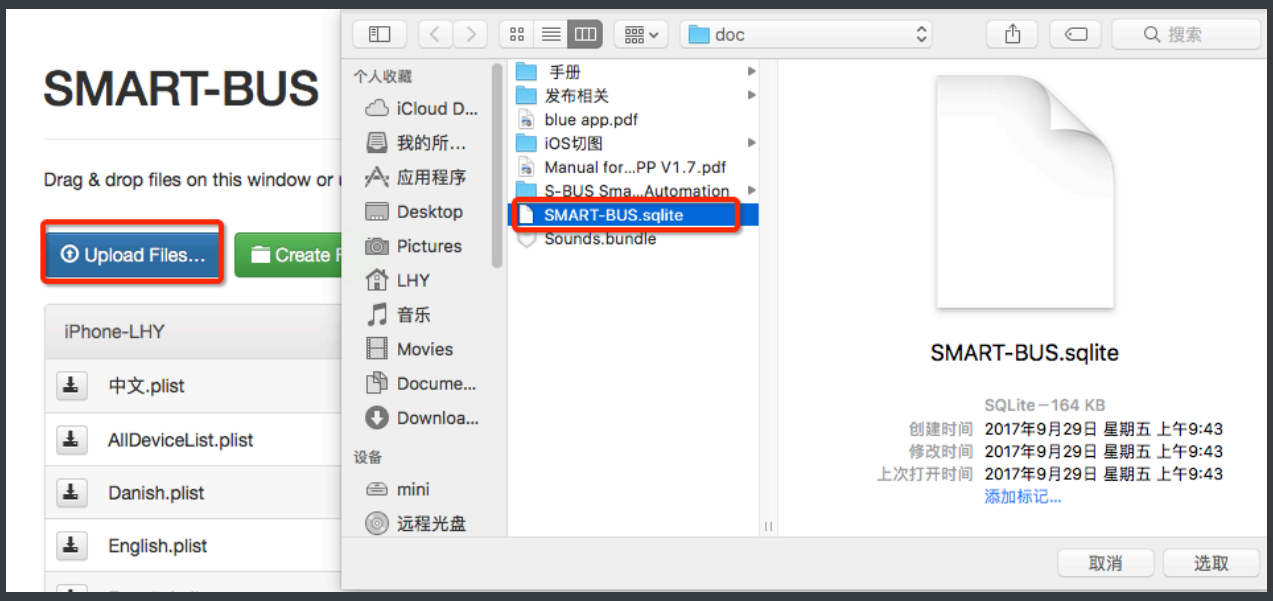
- Open services to modify database files through browsers
- Open a PC, and make it and this phone in the same network.
- Open the browser on the PC.
- Input the URL of this phone into the browser.
- Find the file "SMART-BUS.sqlite"



- download or delete the database



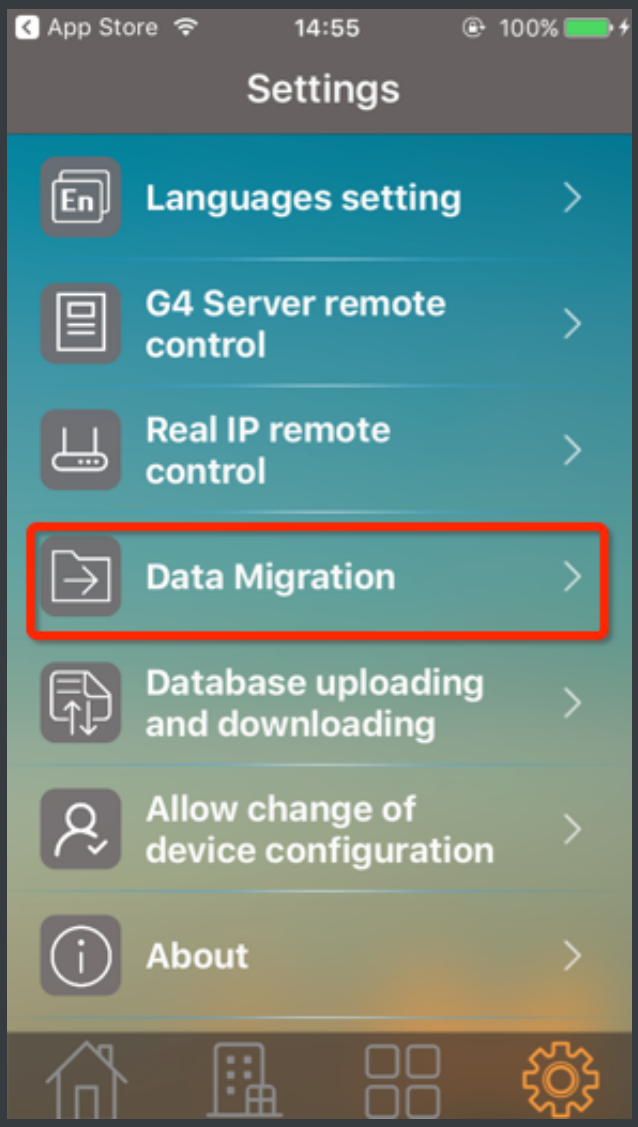
- Update the new database



- restart this app when database been changed.

3.5 Old database file conversion

- First import the old database file into the current application
- Click " data migration"


App Store
14:55
100%
Settings
Languages setting
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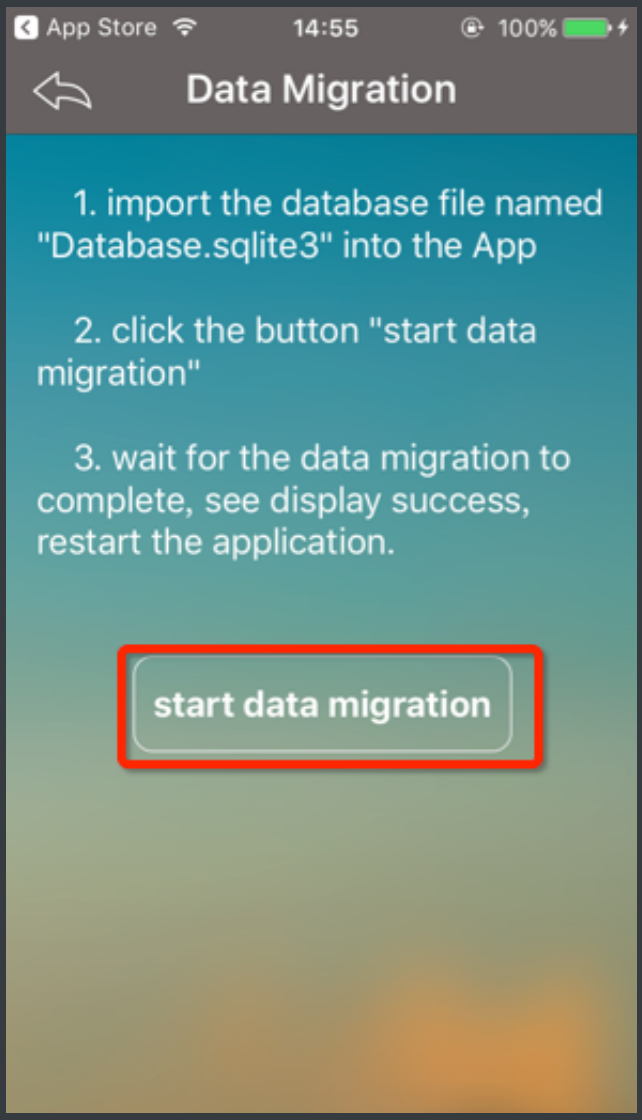
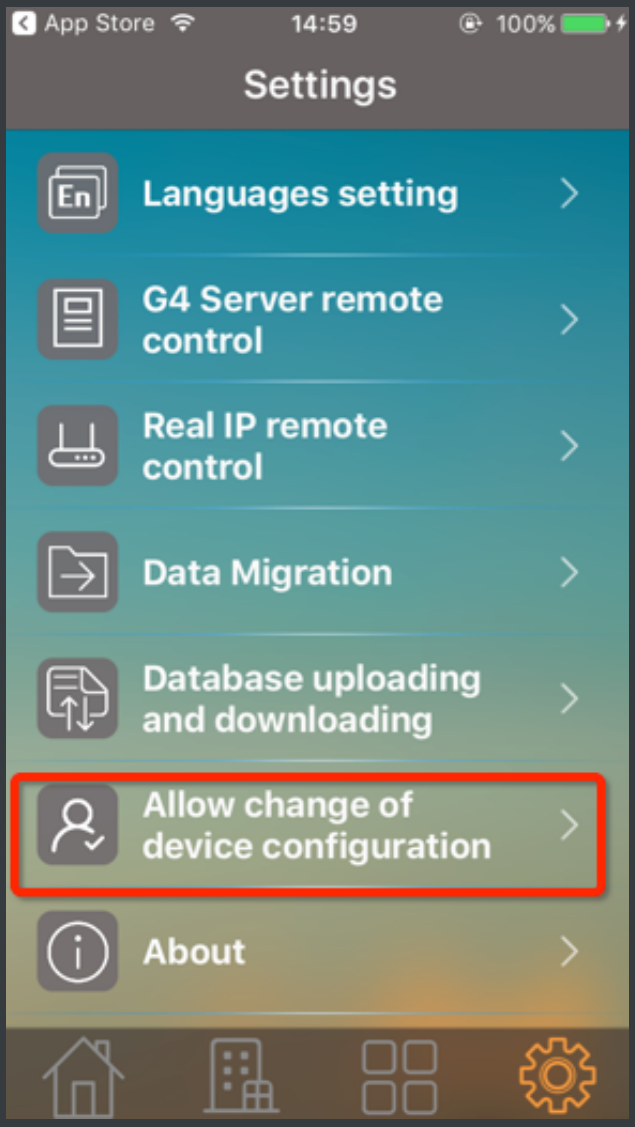


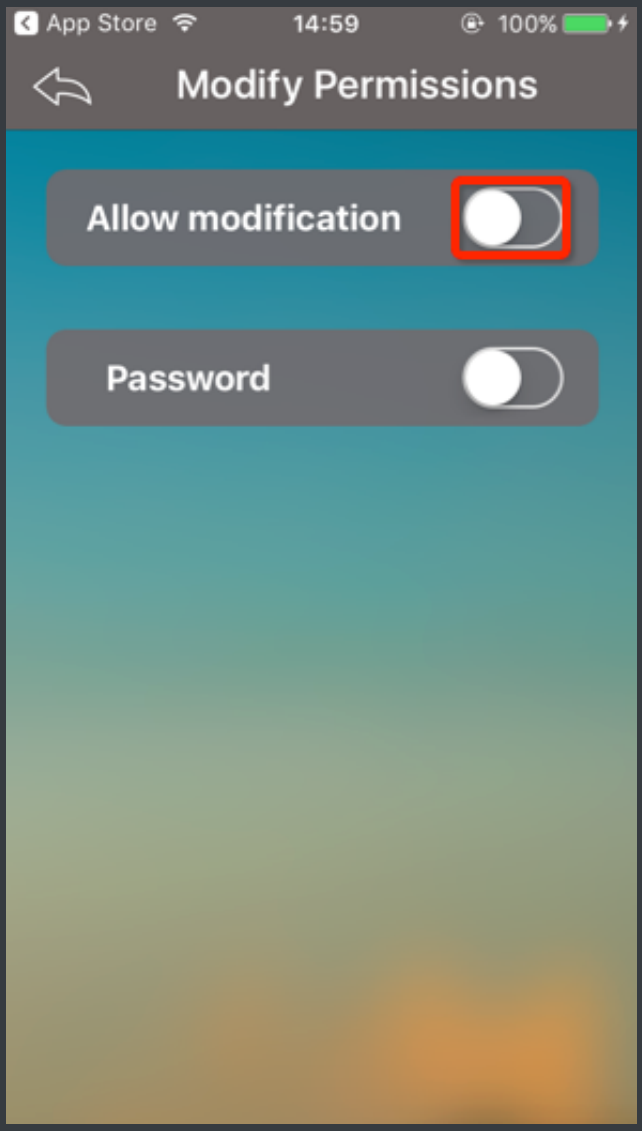
- restart this app when database been changed.

3.6 Authorizing the modification of the device configuration

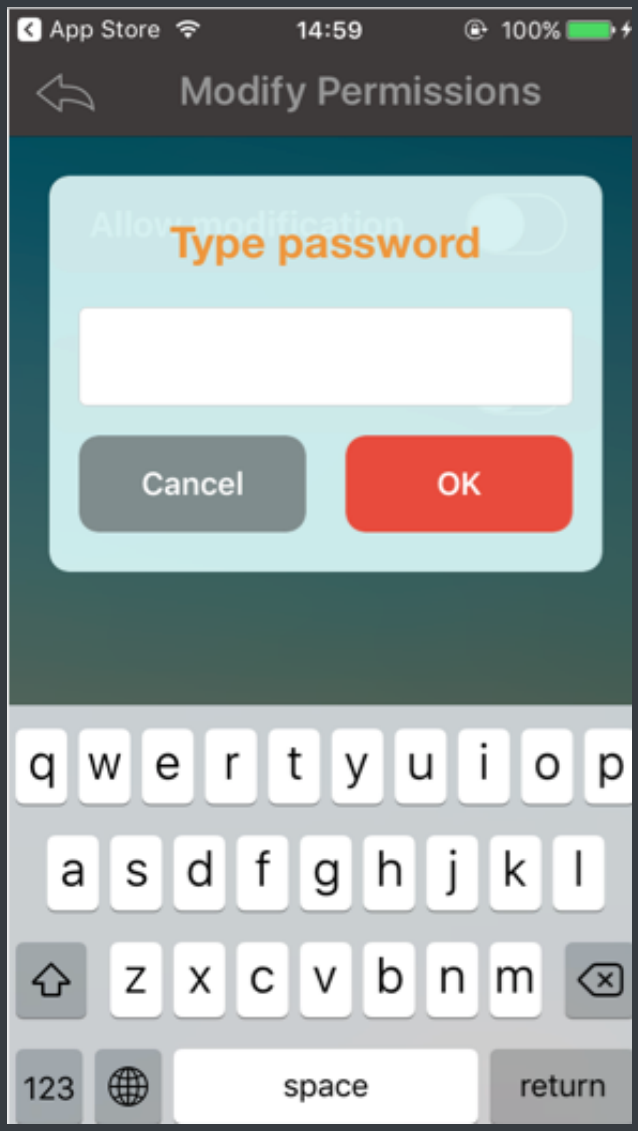
- Click on "Allow change of device configuration"



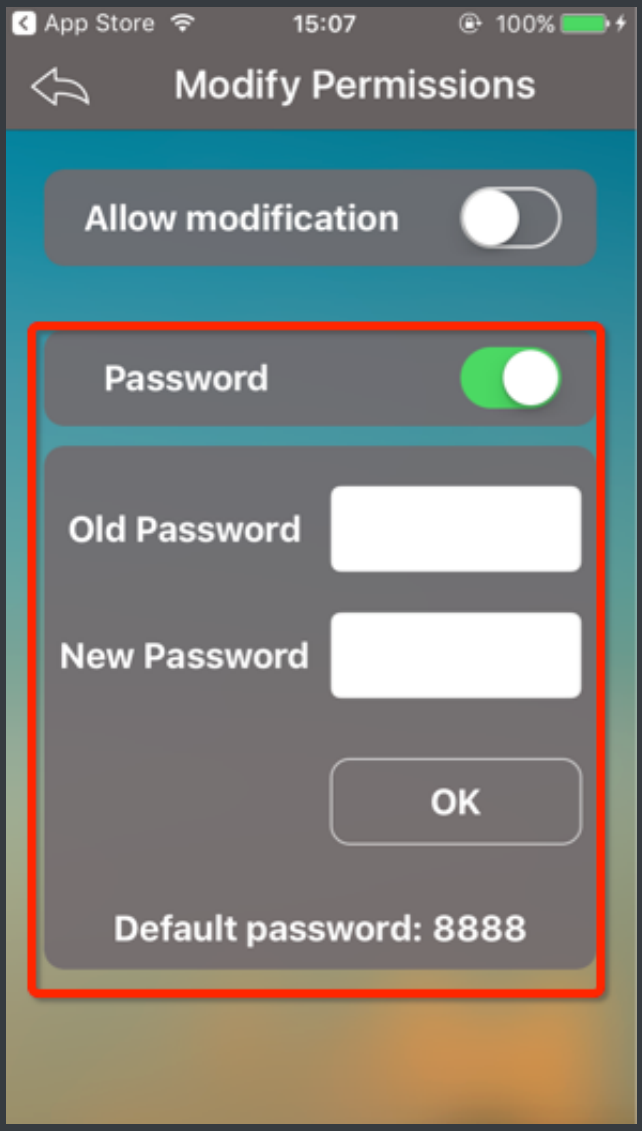
- The default is that it is not allowed to modify



- If you want to modify, you need to enter the password. **The default password is 8888**.



- You can also modify the default password



4. Configuring device parameters through database files

- Get database file
- Ready to operate software
  - Install software `SQLite Expert Personal` on your computer
  - If you don"t have SQLite software, it is available on www.smarthomebus.com website, here is

the link: http://smarthomebus.com/dealers/Softwares/SQLiteExpertPersSetup%20for%20windows.exe

- Download and install it on your computer

- Open database for editing
  - Use the "SQLite Expert Personal" to open the library to get the number of scrambling files

4.1 Zone Settings

- Select the table **Zones**

	ZoneID	ZoneName	zoneIconName
1	4	Demo Kit	Demokit
2	5	Jay Office	GMoffice
3	28	BigTestBoard	Meetingroom
4	29	CEO	Ceooffice
5	30	GM Office	GMoffice
6	31	Sales Dep.	Sales
7	32	Meeting Room	Meetingroom
8	33	Assistants Room	Assistants
9	34	Rest Rooms	Restroom
10	35	Corridor	Corridor
11	36	H客厅Living	Masterroom
12	37	H主卧Master	Masterroom
13	38	H厨房Kitchen	GMoffice
14	39	Training Room	Trainingroom
15	40	KTV	Assistants
16	60	Home Demo	Masterroom
17	61	Hotel Demo	Masterroom
18	62	Software Room	GMoffice

- Here the fields of table Zone:

Field Name	Remark	Value
ZoneID	This is the ID of Zone, every zone hasunique ZoneID.	It"s number, Start from 1.
ZoneName	his is zone name, zone name cannot be null, the max. Length of zonename is 15 letters. it will be shownon the zone list of main page	Letters
ZoneIconName	Zone Icon，It has a fixed value.	Fixed value

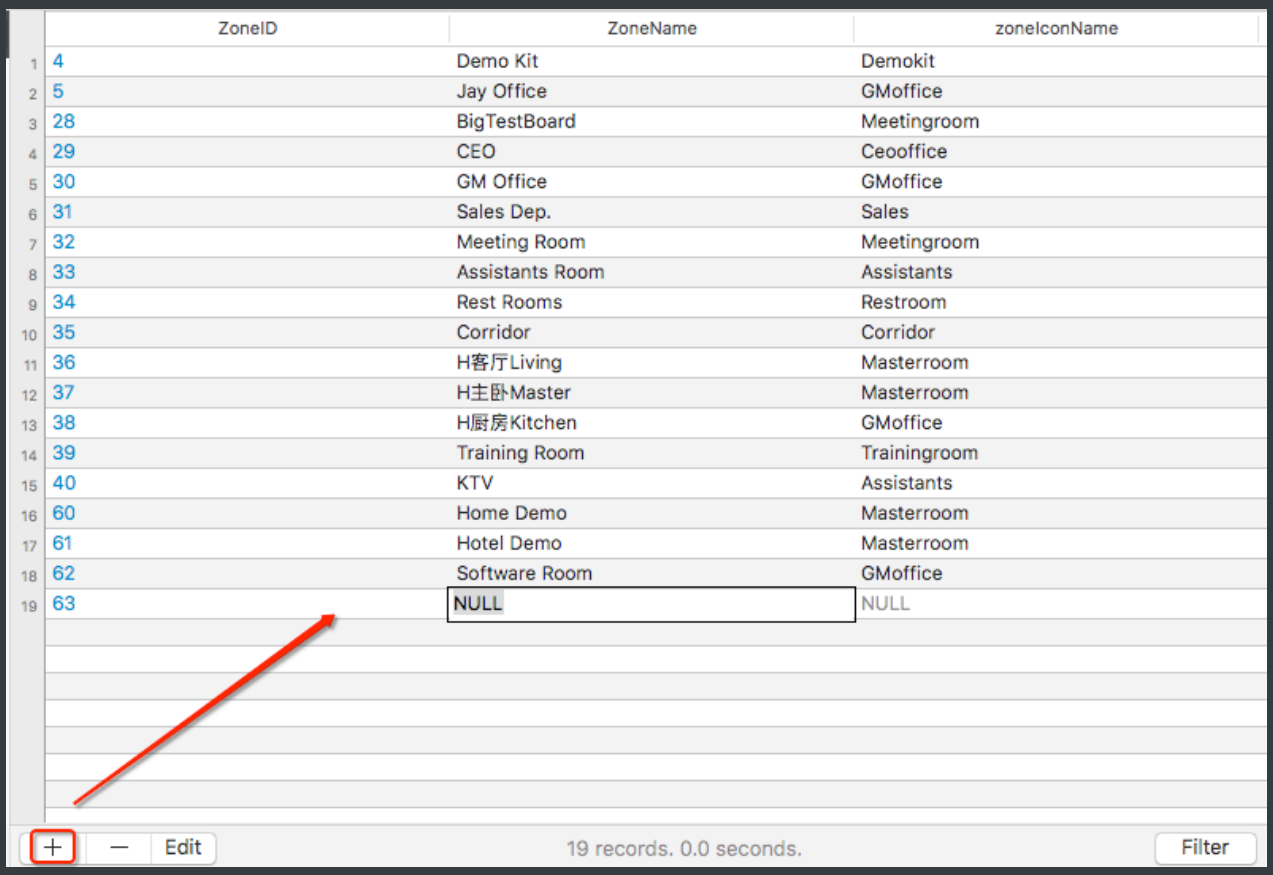
- The fixed values of `ZoneIconName` are as follows:

Assistants	Icons
Assistants	
Ceooffice	
Corridor	
Demokit	
GMoffice	
Masterroom	

Meetingroom	
Restroom	
Sales	
Trainingroom	

4.1.1 Add Zone

- zoneID: The value of `zoneID` must be **greater than** all the values of the `ZoneID` in the table and are `unique`
- ZoneName: You want to set the name, the letter should not be too long.
- ZoneIconName: Fill in the values listed above in ZoneIconName（such as Trainingroom）



	ZoneID	ZoneName	zoneIconName
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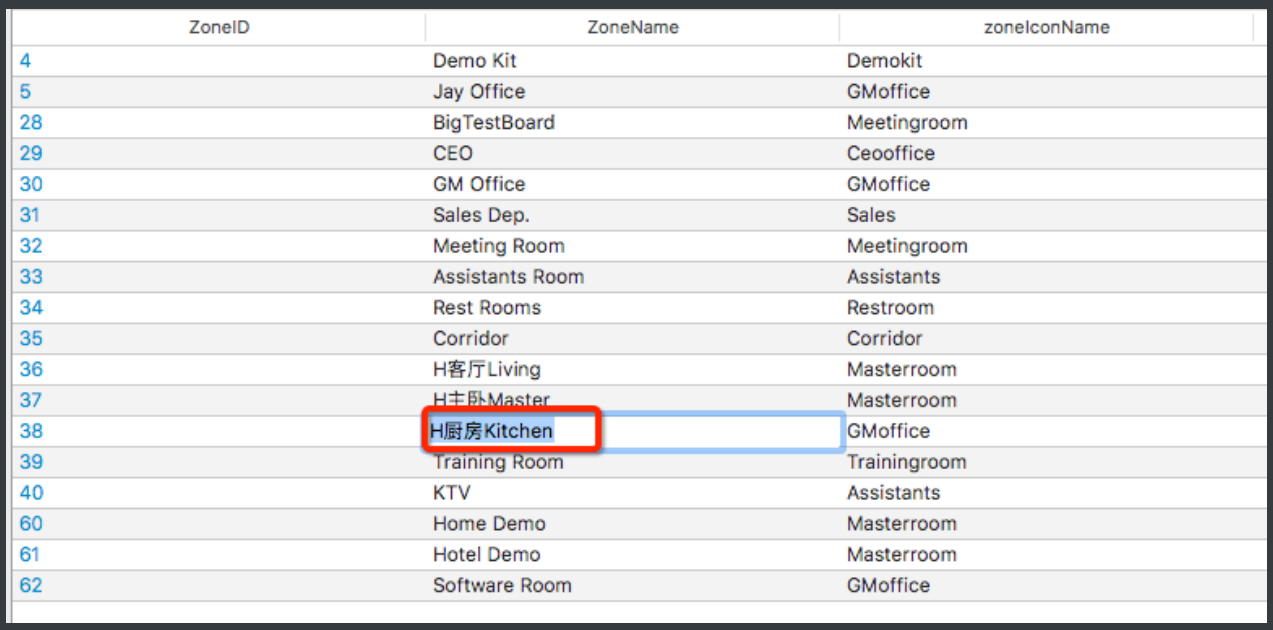
13	38	H厨房Kitchen	GMoffice
14	39	Training Room	Trainingroom
15	40	KTV	Assistants
16	60	Home Demo	Masterroom
17	61	Hotel Demo	Masterroom
18	62	Software Room	GMoffice
19	63	NULL	NULL

4.1.2 Modify Zone

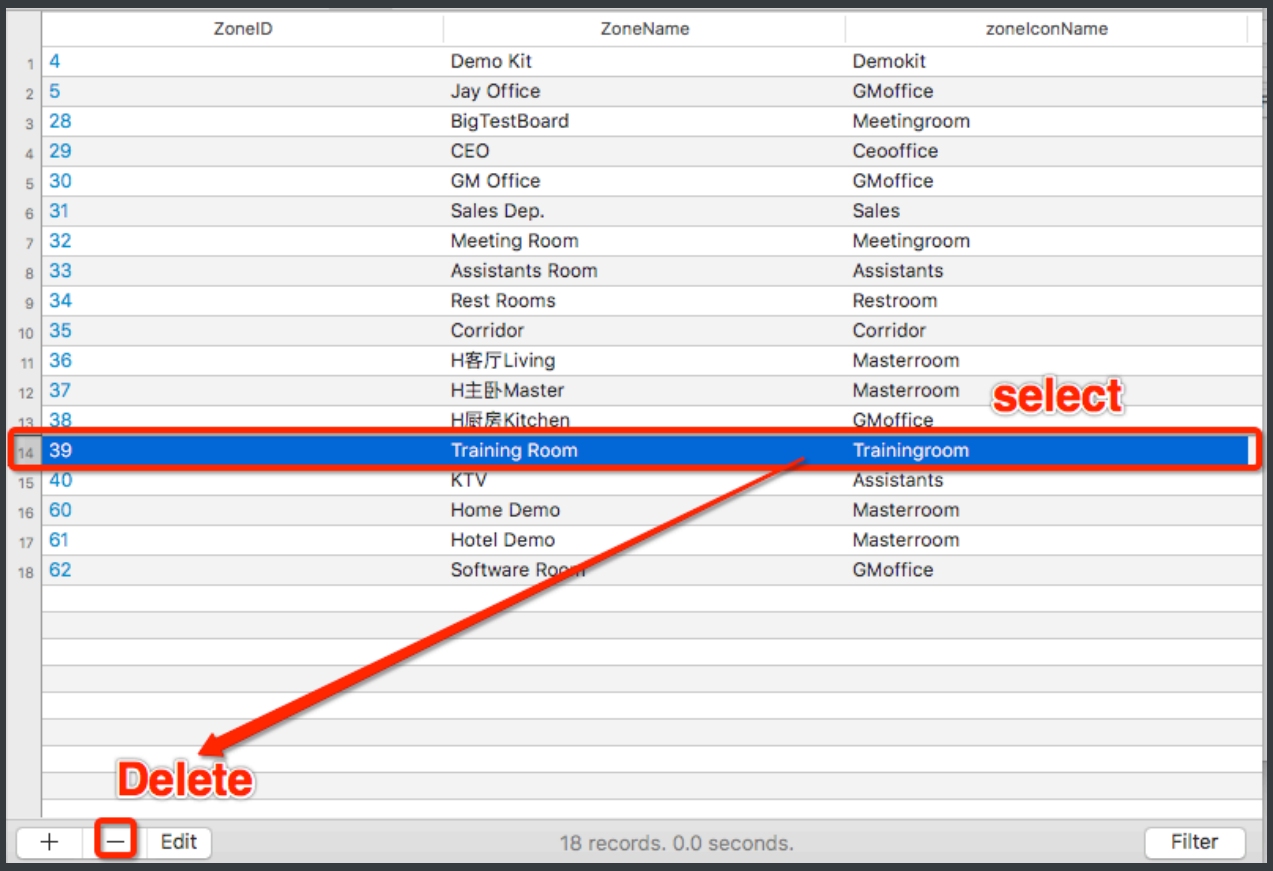
- Select the field you want to edit, and enter new data.



ZoneID	ZoneName	zoneIconName
4	Demo Kit	Demokit
5	Jay Office	GMoffice
28	BigTestBoard	Meetingroom
29	CEO	Ceooffice
30	GM Office	GMoffice
31	Sales Dep.	Sales
32	Meeting Room	Meetingroom
33	Assistants Room	Assistants
34	Rest Rooms	Restroom
35	Corridor	Corridor
36	H客厅Living	Masterroom
37	H主卧Master	Masterroom
38	H厨房Kitchen	GMoffice
39	Training Room	Trainingroom
40	KTV	Assistants
60	Home Demo	Masterroom
61	Hotel Demo	Masterroom
62	Software Room	GMoffice

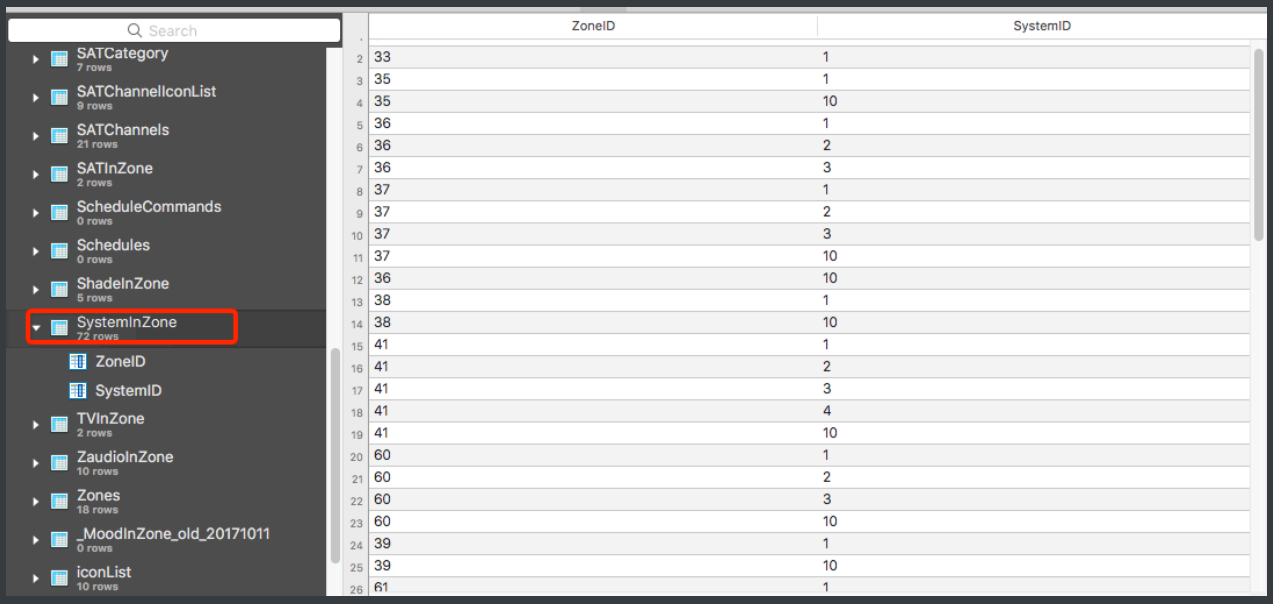
4.1.3 Delete Zone

- Select the record you want to delete in the table



4.2 Systems in Zone

- System configuration in the region
  - What systems does it have in each zone?
  - It can be configured according to the real situation of your project
- Select table `SystemInZone`



- ZoneID: from the table Zones, you can know the ZoneID from each Zone.
- SystemID: You can query it in the following `System definition` table, you can know the SystemID for each system.

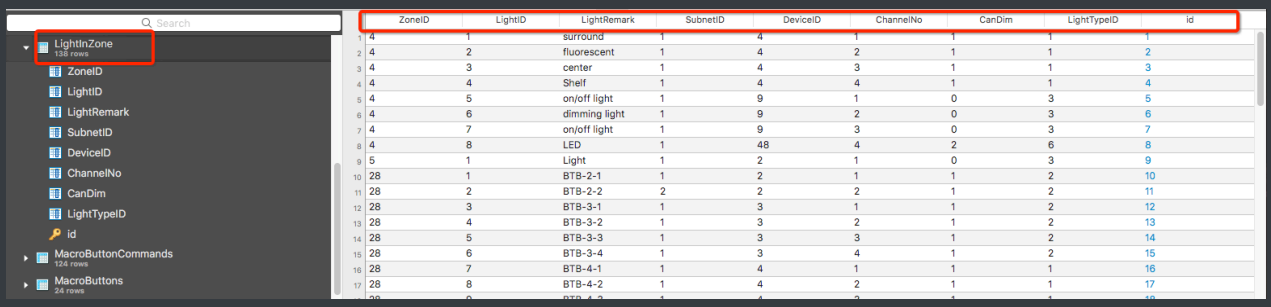
DeviceType	Value
Light	1
HVAC	2
Z-Audio	3
Shades	4
TV	5
DVD	6
SAT	7
AppleTV	8
Projector	9
Mood	10
Fan	11
FloorHeating	12
NineInOne	13
DryContact	14

TemperatureSensor	15

- Smart-Bus App will show the systems of zone according to thesettings of table SystemInZone

4.3 Lights in Zone

- the lights of each zone are stored on the table LightInZone



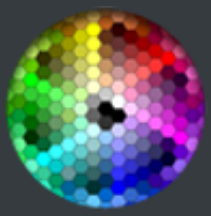
- The Field of table “LightInZone”

Field	Remark	Value
ZoneID	The ZoneID can be known from the table **Zones**	Start from 1
LightID	ID of light	Start from 1
LightRemark	Light remark	
SubnetID	Address of Dimmer / Relay	1-254
DeviceID	Address of Dimmer / Relay	1-254
ChannelNo	Channel no of light	1-254
CanDim	dimmed: 1	0,1,2,3

	LED : 2 can be dimmed and Pun on / Release off: 3 universalSwitch: 4	
LightTypeID	Some different `light icons` are available, pleasethe definition below	1～6
Switch On	Infrared Code Number for turning on the light (only canDim is universalSwitch valid)	1-254
Switch Off	Infrared Code Number for turning off the light (only canDim is universalSwitch valid)	1-254
id	The number of records in the entire table, unique.	Start from 1

- The definition of LightTypeID

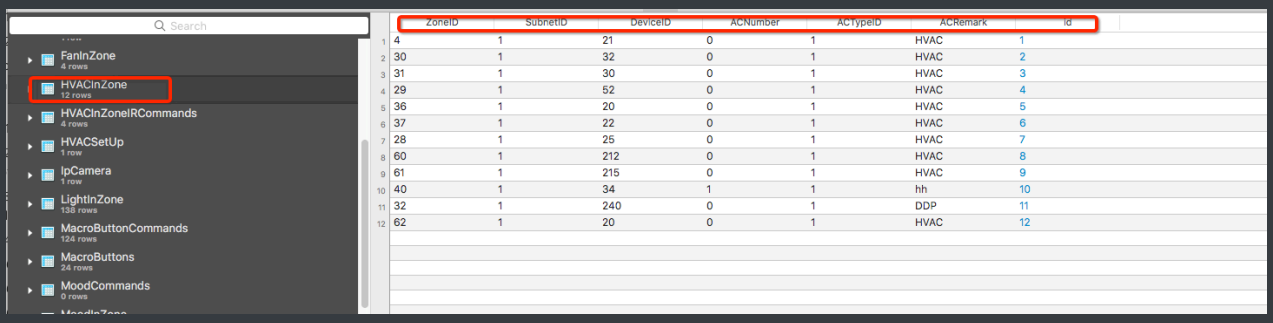
LightTypeID	can Dim	LightTypeNames	Icons
1	0，1，3	incandescent	
2	0，1，3	Spotlight	
3	0，1，3	Fluorescent	

4	0，1，3	Chandelier	
5	0，1，3	Desklight	
6	2	LED	

- The way to add and delete light is the same as ZONES

4.4 AC in Zone

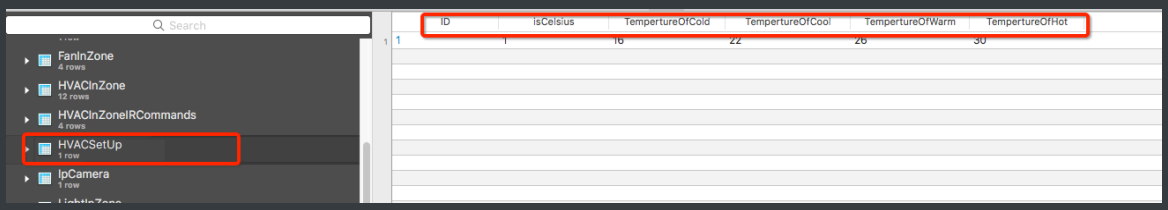
- Select the table **HVACInZone**



- Filed of table HVACInZone

Field	Remark	Value
ZoneID	ZoneID is defined in the table **Zones**	Number
SubnetID	Address of HVAC / DDP	1-254
DeviceID	Address of HVAC / DDP	1-254
ACNumber	To mark which AC in onezone	0, if `ACTypeID` is 4(coolmaster), set `1 ~ 8`.
ACTypeID	Flag for type of AC	HVAC = 1 IR = 2 Relay = 3 coolmaster = 4
ACRemark	HVAC remark	
channelNo	Single channel control air conditioning channel number	1 ~ 12
id	The number of records in the entire table, unique.	Start from 1
temperatureSensorSubNetID	Address of temperature sensor, default `1`	1 ~ 254
temperatureSensorDeviceID	Address of temperature sensor, default `0`	1 ~ 254
temperatureSensorChannelNo	Address of temperature sensor, default `0`	1 ~ 8

- Others settings
  - Select the table



Field	Remark	Value
isCelsius	Celsius=1 / Fahrenheit=0	1/0
TempertureOfCold	it"s for most common of cold	Number
TempertureOfCool	it"s for most commonbutton of cool	Number
TempertureOfWarm	it"s for most commonbutton of warm	Number
TempertureOfHot	it"s for most commonbutton of Hot	Number

- Be careful
  - Since the firmware has not been upgraded yet, if you are using `coolmaster`, you must set `ACType ID` to `4` and `ACNumber` to `1~8`, `temperatureSensorSubNetID to DDP/CTP's subNetID`, `temperature Sensor DeviceID to DDP/CTP's DeviceID`.

4.5 Z-Audio Settings

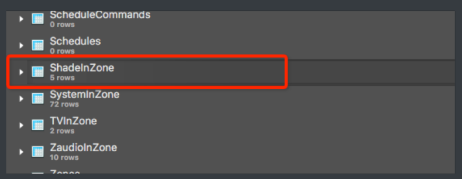
- Select the table **ZaudioInZone**

- Filed of table **ZaudioInZone**

Field	remark	value
id	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number
SubnetID	Address of Z-Audio	1-254
DeviceID	Address of Z-Audio	1-254
AudioName	The name of the music device	Letter
have SDCard	If SDCard can be used, set the value to 1, otherwise set to 0. by default, use 1.	0 or 1
have FTP	If FTP can be used, set the value to 1, otherwise set to 0. by default, use 1.	0 or 1
have Radio	If Radio can be used, set the value to 1, otherwise set to 0. by default, use 1.	0 or 1
have AudioIn	If Audio In can be used, set the value to 1, otherwise set to 0. by default, use 1.	0 or 1
have Phone	If `Phone` can be used, set the value to `1`, otherwise set to 0. by default, use 1.	0 or 1
haveUdisk	If `udisk` can be used, set the value to `1`, otherwise set to 0. by default, use 1.	0 or 1
haveBluetooth	If `bluetooth` can be used, set the value to `1`, otherwise set to 0. by default, use 1.	0 or 1
isMiniZAudio	If the device is `miniZAudio` set to `1`, otherwise it will be set to 0.	0 or 1

4.6 Shades in Zone

- Select the table **ShadesInZone**



ID	ZoneID	ShadeID	ShadeName	HasStop	SubnetID	DeviceID	openChannel	openingRatio	closeChannel	closingRatio	Reserved1	Reserved2
1	4	10	Left	0	1	3	1	100	2	100	0	0
2	4	11	Middle	1	1	0	0	0	0	0	0	0
3	4	12	Right	1	1	0	0	100	0	100	0	0
4	32	1	Leaves shade	1	1	8	1	100	2	100	0	0
5	32	2	Roller Shutter	1	1	9	1	100	2	100	0	0

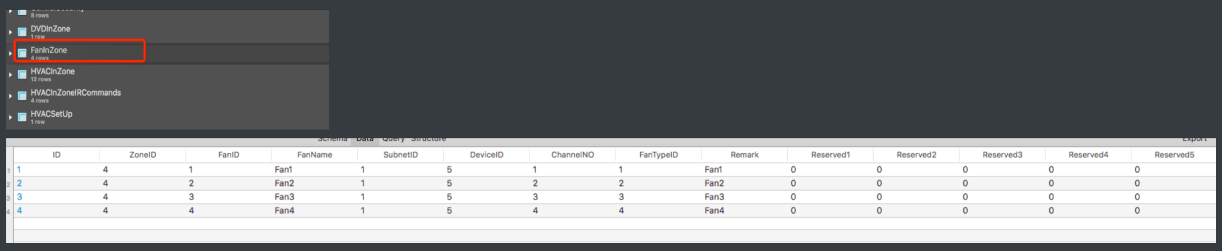
- Filed of table **ShadesInZone**

Field	remark	Value
id	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number
ShadeName	Name of curtain	Number
ShadeID	ID of Window curtains	Start from 1
SubnetID	Address of curtains	1~254
DeviceID	Address of curtains	1~254
HasStop	If has the function of shade stop, please put 1, otherwise put0	1/0
openChannel	channel number of opening curtains	1 ~ 254
closeChannel	channel number of Closing curtains	1 ~ 254
openingRatio	The ratio of opening curtains, Default use `100`	0 ～ 100
ClosingRatio	The ratio of Closing curtains, Default use `100`	0 ～ 100
stopChannel	channel number of stopping curtains(If there is an independent stop channel), Default `0`	1 ~ 254
stoppingRatio	The ratio of Stopping curtains, Default use `100`	0 ～ 100
Reserved1	Reserved parameters, `not used`	0
Reserved2	Reserved parameters, `not used`	0
remarkForOpen	Notes to open the operation button of the curtain	Letters
remarkForClose	Notes for closing the operation button of the curtain	Letters
remarkForStop	Notes for curtains stop operation buttons	Letters
controlType	usually set to `0` universal Switch Control it is `1` .	0, 1, 2

	If press and hold switch curtain work, loosen the switch to stop the curtain work, the control mode is set to `2` .	
switchIDforOpen	Universal Switch Control ID for open the curtain **【When controlType is not 0, the value is valid.】**	0 ~ 255
switchIDStatusforOpen	Switch Controlstatus (255:on /0: off) **【When controlType is not 0, the value is valid.】**	0， 255
switchIDforClose	Universal Switch Control ID for Close the curtain **【When controlType is not 0, the value is valid.】**	0 ~ 255
switchIDStatusforClose	Switch Controlstatus (255:on /0: off) **【When controlType is not 0, the value is valid.】**	0， 255
switchIDforStop	Universal Switch Control ID for stop the curtain **【When controlType is not 0, the value is valid.】**	0 ~ 255
switchIDStatusforStop	Switch Controlstatus (255:on /0: off) **【When controlType is not 0, the value is valid.】**	0， 255

4.7 Fan in Zone

- Select the table **FanInZone**



ID	ZoneID	FanID	FanName	SubnetID	DeviceID	ChannelNO	FanTypeID	Remark	Reserved1	Reserved2	Reserved3	Reserved4	Reserved5
1	4	1	Fan1	1	5	1	1	Fan1	0	0	0	0	0
2	4	2	Fan2	1	5	2	2	Fan2	0	0	0	0	0
3	4	3	Fan3	1	5	3	3	Fan3	0	0	0	0	0
4	4	4	Fan4	1	5	4	4	Fan4	0	0	0	0	0

- Filed of table **FanInZone**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number
FanID	ID of Fan	Start from 1
FanName	Name of Fan	Letters
SubnetID	Address of Fan	1 ~ 254

DeviceID	Address of Fan	1 ~ 254
ChannelNO	The channel number in Fan module of current fan	1 ~ 254
FanTypeID	Used to Display different icon for current fan	1 ~ 4
Remark	Fan remark	Letters
Reserved1 ~ Reserved5	Reserved parameters, not used	0

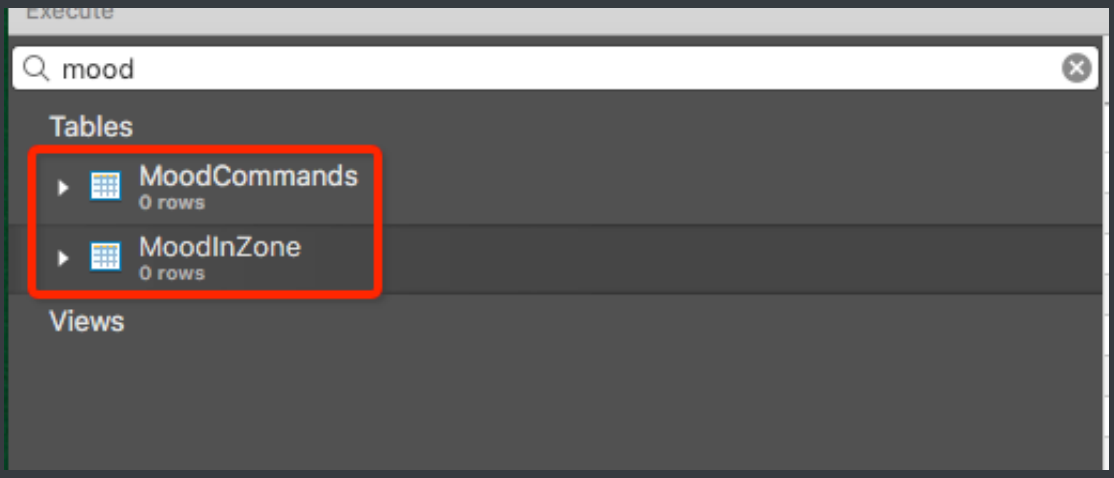
- FanTypeID detail table

FanTypeID	icon
1	
2	
3	
4	

4.8 Mood

4.8.1 MoodInZone

- There are two forms of operation Mood, namely `MoodInZone` and `MoodCommands`



- Filed of table **MoodInZone**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number
MoodID	The Mood ordinal number of this region is unique, similar to ID.	Start from 1
MoodName	The name of Mood, Fill in the name you want to set	Letters
MoodIconName	**Fixed value**, refer to the content of `The value of MoodIconName` .	Letters
IsSystemMood	Reserved parameters, temporarily not used, use `0`	`0`

- The value of MoodIconName

MoodIconName	The corresponding picture style

mood_romantic	
mood_study	
mood_tv	
mood_party	
mood_night	

mood_meeting	
mood_dining	
mood_bye	

4.8.2 MoodCommands

- Filed of table **MoodCommands**

Field	Remark	Value
ID	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number
MoodID	The `same` MoodID value as `MoodInZone`	Number

SubnetID	Address of the device being recorded	1 ~ 254
DeviceID	Address of the device being recorded	1 ~ 254
deviceName	The name of the device being recorded	Letters
deviceType	Refer to the table below	Number
Parameter1	Refer to the table below	Number
Parameter2	Refer to the table below	Number
Parameter3	Refer to the table below	Number
Parameter4	Refer to the table below	Number
Parameter5	Refer to the table below	Number
Parameter6	Refer to the table below	Number
DelayMillisecondAfterSend	Delay after this command has been sent **Unit=millisecond**	Number

- Definition for Parameters above

deviceType	Parameter1	Parameter2	Parameter3	Parameter4	Parameter5	Parameter6
1(Light)	LED： 6	Red: 0 ~100	Green: 0 ~ 100	Blue: 0 ~ 100	White 0 ~ 100	
	others: 1 ~ 5	Light Channel No: 1 ~ 255	Brightness Level: 0 ~ 100	Running Time, unit: second (0 -3600)	0	0
2(HVAC)	AC ON: 1 AC OFF: 0	Fan Seepd: Auto=0 High=1 Medial=2 Low=3	AC Mode: Cool=0 Heat=1 Fan=2 Auto=3	Mode temperature matching with Parameter3	0	0
3(Audio)	Volume： VOL value 0-79	Music Source: SD card =1 Audio In =2 FM Radio =4	Album No:1~255	The song number in the album：1～999	Play Control: Play=3 Stop=4	0
4(Curtains)	Switch curtain： Open=1 Close=2	The number of channels for opening curtains	The number of channels to close curtains	0	0	0

12(floor Heater)	channel NO.	ON:1 OFF:0	manuan = 1 day = 2 night = 3 away = 4 timer = 5	Manual mode temperature control (5°C ~32 °C)	0	0

> **If you want to use the previous configuration, please configure it according to the table below.**
>
> if the parameter is not used, the default is to use `0`
>
> 1. The `Parameter6` phase is inappropriate prior to the previous `commandTypeID` .
> 2. If you use the previous method, deviceType must be `0` .

deviceType	Parameter6	Remark	Command Type Name	Parameter1	Parameter2	Parameter3	Parameter4 && Parameter5
0	0	Scene control		Zone No (1-254)	Scene No (0-254)	Unused (set 0)	Unused (set 0)
0	1	Sequence Control		Zone No (1-254)	Sequence No (0-254)	Unused (set 0)	Unused (set 0)
0	2	Universal Switch Control		Universal Switch Control ID (0 ~ 255)	Switch Control status (255:on /0: off)	Unused (set 0)	Unused (set 0)
0	3	Invalid	Invalid command, it will not take any actions	Any value (0-255)	Any value (0-255)	Any value (0-65535)	Unused (set 0)
0	4		Single Channel Control	channel No. (1 ~ 255)	Brightness percentage (0 -100)	Running Time, unit: second (0 -3600)	Unused (set 0)
0	5	Broad cast scene	Run the specific scene in all area of current module	Broadcast area (Must be set 255)	Scene No (0-254)	Unused (set 0)	Unused (set 0)
0	6	Broadcast All channels	Control all the channels of current module	Broadcast all channels (Must be set 255)	Brightness percentage (0 -100)	Running Time, unit: second (0 -3600)	Unused (set 0)

0	7	Curtain Control	Control curtain if youare using g3 curtain module	Curtain No (1-4)	Curtain Control Status (0: Stop 1: Open 2: Close)	Unused (set 0)	Unused (set 0)
0	8	Timer Control		Channel No (1-255)	Control Status (255: open / 0 : close)	Unused (set 0)	Unused (set 0)
0	9	SMS Control	Control G3 SMS module	Type ID （0: invalid 1: SMS Message)	SMS Command No （0 ～ 255)	Unused (set 0)	Unused (set 0)
0	10	Panel control		1 = (enable/disable Ireceive function of DLP)	0:disable 1:enable	Unused (set 0)	Unused (set 0)
				3 = (Power on/off A/C)	0: power off 1:power on	Unused (set 0)	Unused (set 0)
				4 = (cool temperature Set Point)	0 ~ 30 C 32 ~ 86 F	Unused (set 0)	Unused (set 0)
				5 = (Fan Speed)	Auto=0 High=1 Medial=2 Low=3	Unused (set 0)	Unused (set 0)
				6 = (AC mode)	Cool=0 Heat=1 Fan=2 Auto=3	Unused (set 0)	Unused (set 0)
				7 = (Heat temperature Set Point)	0 ~ 30 C 32 ~ 86 F	Unused (set 0)	Unused (set 0)
				8 = (Auto temperature Set Point)	0 ~ 30 C 32 ~ 86 F	Unused (set 0)	Unused (set 0)
				20 = Power on/off (floor heater)	ON: 1 OFF: 0	channel No.	Unused (set 0)
				21 = model (floor heater)	manual = 1 day = 2 night = 3	channel No.	Unused (set 0)

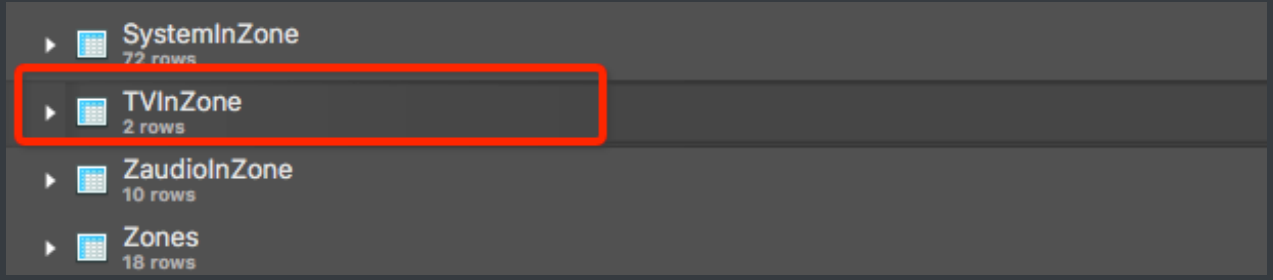
					away = 4 timer = 5		
				23 = Manual mode temperature control (floor heater)	5 ~32 `Unit: centigrade`	channel No.	Unused (set 0)
0	11	Security Mode control		zone no (1 ~ 8)	Mode No: 1: vaction 2: away 3: night 4: Night with guest 5: Day 6: Disarm	Unused (set 0)	Unused (set 0)
0	12	Security Alarm		zone no (1 ~ 8)	Alarm No: 1: vaction 2: away 4: night 8: Night with guest 16: Day 32: Siren 64: Power 128: Temperature	Unused (set 0)	Unused (set 0)
0	18	Z-Audio		Music Source (1)	Music Source No: SD card = 1 Audio in = 2 FTP Server = 3 FM Fadio = 4	Unused (set 0)	Unused (set 0)
				Album Control/ Radio (3)	Album Control: Previous Album = 1 Next Album = 2 Specify Album No = 3	Album No / Radio No : this parameter 2 is only available when Parameter 1 is equal 3 or 6	Unused (set 0)

					PREV Radio Channel = 4 Next Radio Channel = 5 Specify Radio No = 6		
				Play Control (4)	Previous Song=1 Next Song=2 Play=3 Stop=4	Unused (set 0)	Unused (set 0)
				Volume Control (5)	Percentage of VOL (0~ 100, 100% is max. VOL, 0 is mute)	Unused (set 0)	Unused (set 0)
				Control SpecifySong(6)	Album No (1byte,0-255, Album No 0 is for alarm voice)	Song No: 1 ~ 999	Unused (set 0)

> Be careful：
>
> - 1.You need to set the parameters in the `MoodInZone` first
> - 2.Setting the parameters in `MoodCommands` again

4.9 TV

- If you have TV in the zone, you need to add it to table SystemInZoneThe SystemID of TV is: `5`
- Select table



- Filed of table **TVInZone**
  - Subnet ID, Device ID: Address of IR Emitter / 9in 1 sensor
  - id: The number of records in the entire table, unique. Start from 1
  - zoneID: ZoneID is defined in the table **Zones**

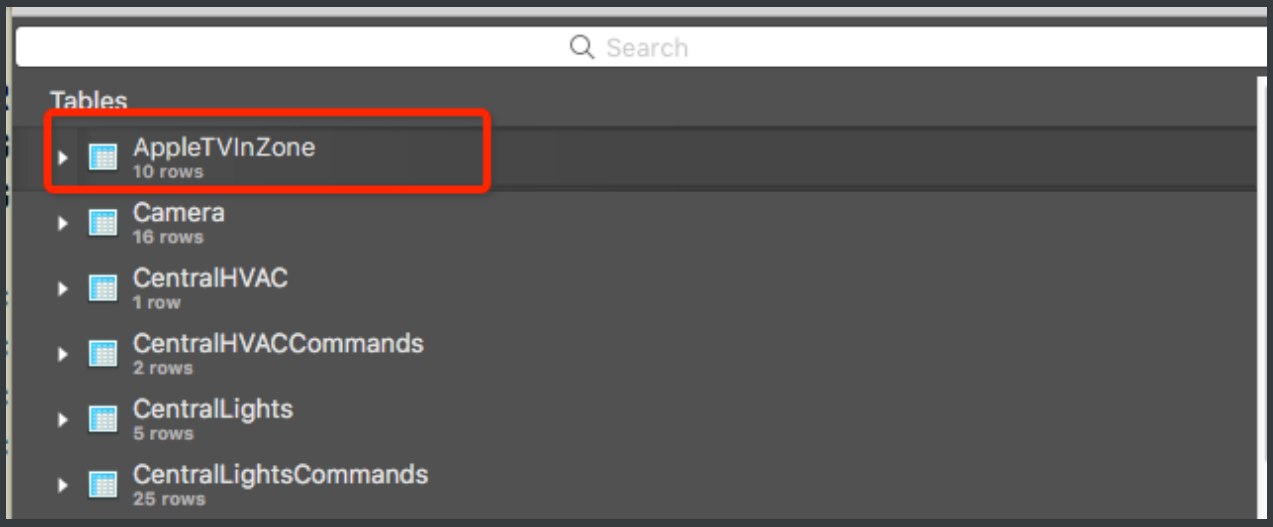
Field	Remark	Value
remark	Device name	Letters
UniversalSwitchIDforOn	Digital code for opening function(`1~255`)	Number, deafault `0`
UniversalSwitchStatusforOn	Open the digital code for functional statu. (`0, 255`)	Number, deafault `0`
UniversalSwitchIDforOff	Digital code for closing function(`1~255`)	Number, deafault `0`
UniversalSwitchStatusforOff	Close the digital code for functional status. (`0, 255`)	Number, deafault `0`
UniversalSwitchIDforCHAdd	Numeric code for key function in upward direction(`1~255`)	Number, deafault `0`
UniversalSwitchIDforCHMinus	Numeric code for downward direction key function(`1~255`)	Number, deafault `0`
UniversalSwitchIDforVOLUp	`V+` instruction code	Number, deafault `0`
UniversalSwitchIDforVOLDown	`V-` instruction code	Number, deafault `0`
UniversalSwitchIDforMute	Mute function instruction code	Number, deafault `0`
UniversalSwitchIDforMenu	The numeric code for menu functions (`1~255`)	Number, deafault `0`
UniversalSwitchIDforSource	Numeric code for selecting resource functions(`1~255`)	Number, deafault `0`
UniversalSwitchIDforOK	Digital code for determining function(`1~255`)	Number, deafault `0`
UniversalSwitchIDfor0	Number 0 corresponding code (`1~255`)	Number, deafault `0`
UniversalSwitchIDfor1	Number 1 corresponding code (`1~255`)	Number, deafault `0`

UniversalSwitchIDfor2	Number 2 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor3	Number 3 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor4	Number 4 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor5	Number 5 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor6	Number 6 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor7	Number 7 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor8	Number 8 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor9	Number 9 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDforUp	Operating up represents the instruction code	Number, deafault 0
UniversalSwitchIDforDown	Downward operation represents the instruction code	Number, deafault 0
UniversalSwitchIDforLeft	Leftward Operations Represent Instruction Codes	Number, deafault 0
UniversalSwitchIDforRight	Right-handed operation represents the instruction code	Number, deafault 0
UniversalSwitchIDforBack	Returns the instruction code represented by the operation	Number, deafault 0
UniversalSwitchIDforOther	The instruction code represented by other operations	Number, deafault 0
UniversalSwitchIDforMainPage	Jump to the instruction code represented by the homepage operation	Number, deafault 0
SwitchNameforSpare1	The name of the standby key 1	Letters
SwitchIDforSpare1	The instruction number of the spare key 1	Number
SwitchNameforSpare2	The name of the standby key 2	Letters
SwitchIDforSpare2	The instruction number of the spare key 2	Number

SwitchNameforSpare3	The name of the standby key 3	Letters
SwitchIDforSpare3	The instruction number of the spare key 3	Number
SwitchNameforSpare4	The name of the standby key 4	Letters
SwitchIDforSpare4	The instruction number of the spare key 4	Number
SwitchNameforSpare5	The name of the standby key 5	Letters
SwitchIDforSpare5	The instruction number of the spare key 5	Number
SwitchNameforSpare6	The name of the standby key 6	Letters
SwitchIDforSpare6	The instruction number of the spare key 6	Number
SwitchNameforSpare7	The name of the standby key 7	Letters
SwitchIDforSpare7	The instruction number of the spare key 7	Number
SwitchNameforSpare8	The name of the standby key 8	Letters
SwitchIDforSpare8	The instruction number of the spare key 8	Number
SwitchNameforSpare9	The name of the standby key 9	Letters
SwitchIDforSpare9	The instruction number of the spare key 9	Number
SwitchNameforSpare10	The name of the standby key 10	Letters
SwitchIDforSpare10	The instruction number of the spare key 10	Number
SwitchNameforSpare11	The name of the standby key 11	Letters
SwitchIDforSpare11	The instruction number of the spare key 11	Number
SwitchNameforSpare12	The name of the standby key 12	Letters
SwitchIDforSpare12	The instruction number of the spare key 12	Number

4.10 Apple TV

- if you have Apple TV in the zone, you need to add it to table SystemInZoneThe SystemID of Apple TV is: `8`
- Select table AppleTVInZone



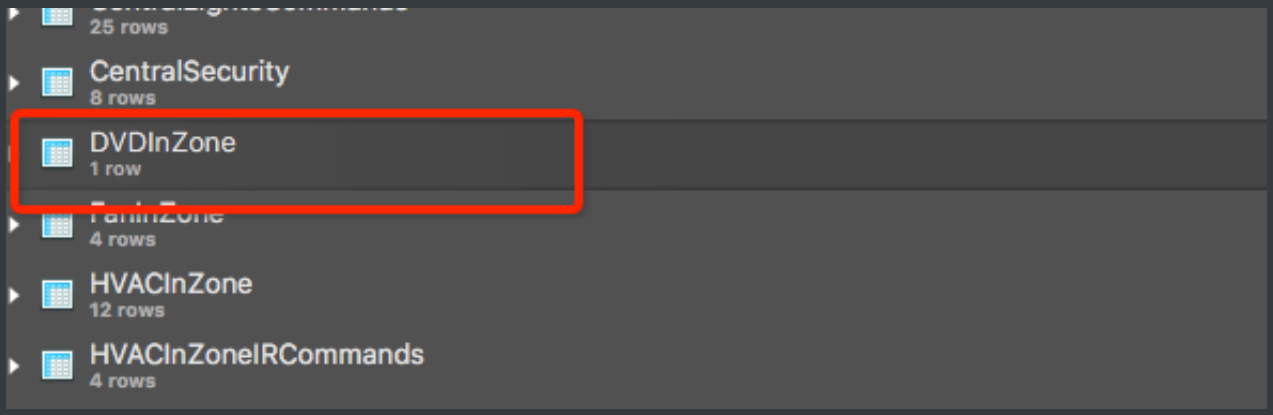
- Filed of table **AppleTVInZone**
  - Subnet ID, Device ID: Address of IR Emitter / 9in 1 sensor
  - id: The number of records in the entire table, unique. Start from 1
  - zoneID: ZoneID is defined in the table **Zones**

Field	Remark	Value
remark	Device name	Letters
UniversalSwitchIDforOn	Digital code for opening function(`1~255`)	Number, deafault `0`
UniversalSwitchStatusforOn	Open the digital code for functional statu.(`0, 255`)	Number, deafault `0`
UniversalSwitchIDforOff	Digital code for closing function(`1~255`)	Number, deafault `0`
UniversalSwitchStatusforOff	Close the digital code for functional status.(`0, 255`)	Number, deafault `0`
UniversalSwitchIDforUp	Numeric code for key function in upward direction(`1~255`)	Number, deafault `0`
UniversalSwitchIDforDown	Numeric code for downward direction key function(`1~255`)	Number, deafault `0`
UniversalSwitchIDforLeft	Numeric code for key function in left direction(`1~255`)	Number, deafault `0`
UniversalSwitchIDforRight	Numeric code for right direction key function(`1~255`)	Number, deafault `0`
UniversalSwitchIDforOK	Digital code for determining	Number,

	function(1~255)	deafault 0
UniversalSwitchIDforMenu	The numeric code for menu functions (1~255)	Number, deafault 0
UniversalSwitchIDforPlayPause	Digital code for pause key function(1~255)	Number, deafault 0

4.11 DVD

- if you have DVD in the zone, you need to add it to table SystemInZoneThe SystemID of DVD is: 6
- Select table DVDInZone



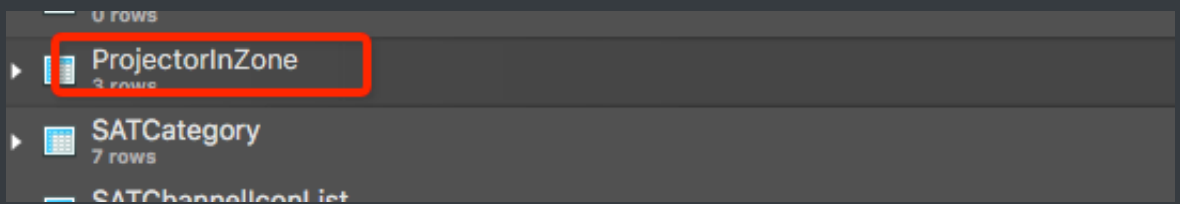
- Filed of table **DVDInZone**
  - Subnet ID, Device ID: Address of IR Emitter / 9in 1 sensor
  - id: The number of records in the entire table, unique. Start from 1
  - zoneID: ZoneID is defined in the table **Zones**

Field	Remark	Value
remark	Device name	Letters
UniversalSwitchIDforOn	Digital code for opening function(1~255)	Number, deafault 0
UniversalSwitchStatusforOn	Open the digital code for functional statu. (0, 255)	Number, deafault 0
UniversalSwitchIDforOff	Digital code for closing function(1~255)	Number, deafault 0
UniversalSwitchStatusforOff	Close the digital code for functional	Number,

	status.(0, 255)	deafault 0
UniversalSwitchIDfoMenu	The numeric code for menu functions (1~255)	Number, deafault 0
UniversalSwitchIDfoUp	Numeric code for key function in upward direction(1~255)	Number, deafault 0
UniversalSwitchIDforDown	Numeric code for downward direction key function(1~255)	Number, deafault 0
UniversalSwitchIDforFastForward	Digital code for advance shadow function(1~255)	Number, deafault 0
UniversalSwitchIDforBackForward	Digital code for regression shadow function(1~255)	Number, deafault 0
UniversalSwitchIDforOK	Digital code for determining function(1~255)	Number, deafault 0
UniversalSwitchIDforPREVChapter	The last chapter is the numeric code of key function.	Number, deafault 0
UniversalSwitchIDforNextChapter	The next chapter is the numeric code of key function.	Number, deafault 0
UniversalSwitchIDforPlayPause	Digital code for pause key function(1~255)	Number, deafault 0
UniversalSwitchIDforPlayRecord	Digital code for starting video function(1~255)	Number, deafault 0
UniversalSwitchIDforPlayStopRecord	Digital code to stop recording function(1~255)	Number, deafault 0

4.12 Projector

- if you have projector in the zone, you need to add it to table SystemInZoneThe SystemID of projector is: 9
- Select table ProjectorInZone

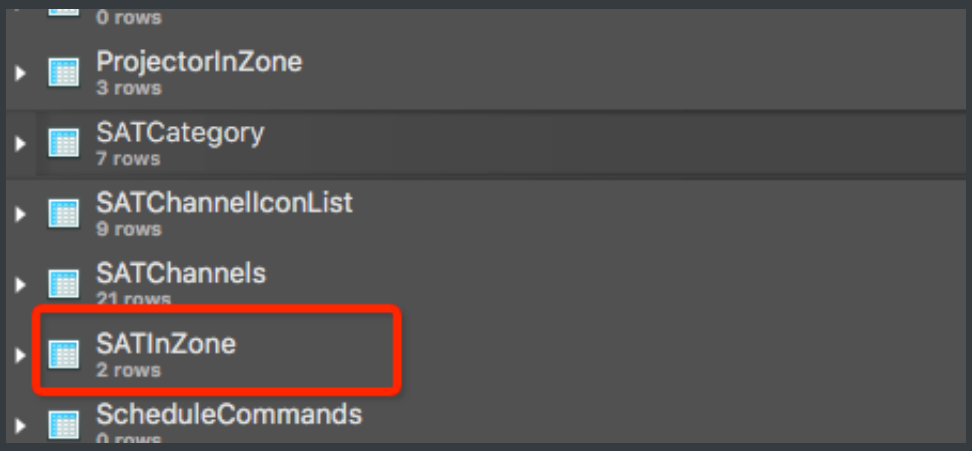


- Filed of table **ProjectorInZone**
  - Subnet ID, Device ID: Address of IR Emitter / 9in 1 sensor
  - id: The number of records in the entire table, unique. Start from 1
  - zoneID: ZoneID is defined in the table **Zones**

Field	Remark	Value
remark	Device name	Letters
UniversalSwitchIDforOn	Digital code for opening function(`1~255`)	Number, deafault `0`
UniversalSwitchStatusforOn	Open the digital code for functional statu. (`0, 255`)	Number, deafault `0`
UniversalSwitchIDforOff	Digital code for closing function(`1~255`)	Number, deafault `0`
UniversalSwitchStatusforOff	Close the digital code for functional status. (`0, 255`)	Number, deafault `0`
UniversalSwitchIDfoUp	Numeric code for key function in upward direction(`1~255`)	Number, deafault `0`
UniversalSwitchIDforDown	Numeric code for downward direction key function(`1~255`)	Number, deafault `0`
UniversalSwitchIDforLeft	Numeric code for key function in left direction(`1~255`)	Number, deafault `0`
UniversalSwitchIDforRight	Numeric code for right direction key function(`1~255`)	Number, deafault `0`
UniversalSwitchIDforOK	Digital code for determining function(`1~255`)	Number, deafault `0`
UniversalSwitchIDfoMenu	The numeric code for menu functions (`1~255`)	Number, deafault `0`
UniversalSwitchIDforSource	Numeric code for selecting resource functions(`1~255`)	Number, deafault `0`

4.13 SAT.

- if you have SAT./Cable in the zone, you need to add it to table SystemInZoneThe SystemID of SAT./Cable is: `7`
- Select table SATInZone



- Filed of table **SATInZone**
  - Subnet ID, Device ID: Address of IR Emitter / 9in 1 sensor
  - id: The number of records in the entire table, unique. Start from 1
  - zoneID: ZoneID is defined in the table **Zones**

Field	Remark	Value
remark	Device name	Letters
UniversalSwitchIDforOn	Digital code for opening function (`1~255`)	Number, deafault `0`
UniversalSwitchStatusforOn	Open the digital code for functional statu. (`0, 255`)	Number, deafault `0`
UniversalSwitchIDforOff	Digital code for closing function (`1~255`)	Number, deafault `0`
UniversalSwitchStatusforOff	Close the digital code for functional status. (`0, 255`)	Number, deafault `0`
UniversalSwitchIDforUp	Numeric code for key function in upward direction (`1~255`)	Number, deafault `0`
UniversalSwitchIDforDown	Numeric code for downward direction key function (`1~255`)	Number, deafault `0`
UniversalSwitchIDforLeft	Numeric code for key function in left	Number,

	direction(1~255)	deafault 0
UniversalSwitchIDforRight	Numeric code for right direction key function (1~255)	Number, deafault 0
UniversalSwitchIDforOK	Digital code for determining function (1~255)	Number, deafault 0
UniversalSwitchIDfoMenu	The numeric code for menu functions (1~255)	Number, deafault 0
UniversalSwitchIDforFAV		Number, deafault 0
UniversalSwitchIDforPREVChapter	The last chapter is the numeric code of key function.(1~255)	Number, deafault 0
UniversalSwitchIDforNextChapter	The next chapter is the numeric code of key function.(1~255)	Number, deafault 0
UniversalSwitchIDforPlayRecord	Digital code for starting video function (1~255)	Number, deafault 0
UniversalSwitchIDforPlayStopRecord	Digital code to stop recording function (1~255)	Number, deafault 0
UniversalSwitchIDfor0	Number 0 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor1	Number 1 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor2	Number 2 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor3	Number 3 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor4	Number 4 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor5	Number 5 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor6	Number 6 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor7	Number 7 corresponding code (1~255)	Number, deafault 0
UniversalSwitchIDfor8	Number 8 corresponding code (1~255)	Number, deafault 0

UniversalSwitchIDfor9	Number 9 corresponding code (1~255)	Number, deafault 0
SwitchNameforControl1	The name of the C1 button in App	Letters
SwitchIDforControl1	The instruction code of C1 button in App (1~255)	Number, deafault 0
SwitchNameforControl2	The name of the C21 button in App	Letters
SwitchIDforControl2	The instruction code of C2 button in App(1~255)	Number, deafault 0
SwitchNameforControl3	The name of the C3 button in App	Letters
SwitchIDforControl3	The instruction code of C3 button in App(1~255)	Number, deafault 0
SwitchNameforControl4	The name of the C4 button in App	Letters
SwitchIDforControl4	The instruction code of C4 button in App(1~255)	Number, deafault 0
SwitchNameforControl5	The name of the C5 button in App	Letters
SwitchIDforControl5	The instruction code of C5 button in App(1~255)	Number, deafault 0
SwitchNameforControl6	The name of the C6 button in App	Letters
SwitchIDforControl6	The instruction code of C6 button in App(1~255)	Number, deafault 0

- Filed of table **SATCategory**

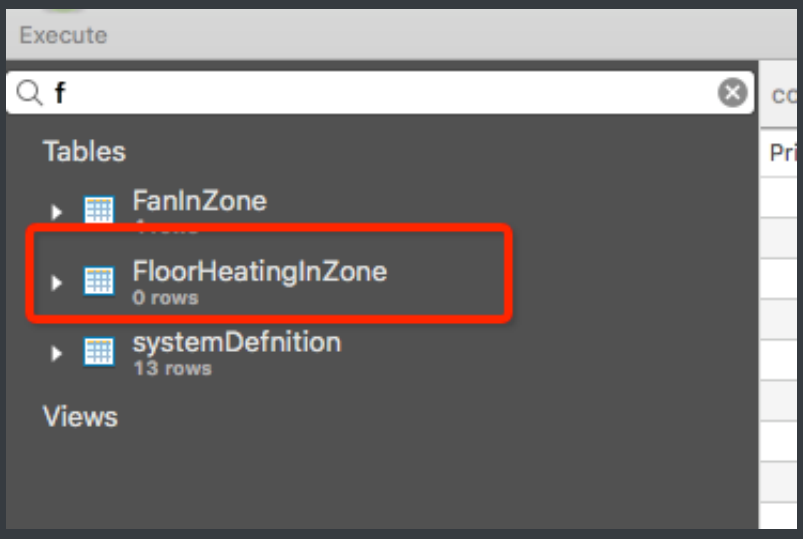
Field	Remark	Value
ID	Primary key, Automatic increase	Number
CategoryID	Number of Channel Groups	Start from 1
CategoryName	Name of channel group	Letters
ZoneID	Same zone ID as in SATInZone	Number
SubnetID	Sat. Address	1 ~ 254
DeviceID	Sat. Address	1 ~ 254
SequenceNo	Reserve parameter	0

- Filed of table **SATChannels**

Field	Remark	Value
ID	Primary key, Automatic increase	Number
CategoryID	Same CategoryID as in SATCategory	Number
ZoneID	Same zone ID as in SATCategory	Number
ChannelID	Channel Index in Current Groups	Number
ChannelNo	Channel number	Number
ChannelName	Name of channel	Letters
SequenceNo	Reserve parameter	0

4.14 Floor Heating

- Select the table **FloorHeatingInZone**

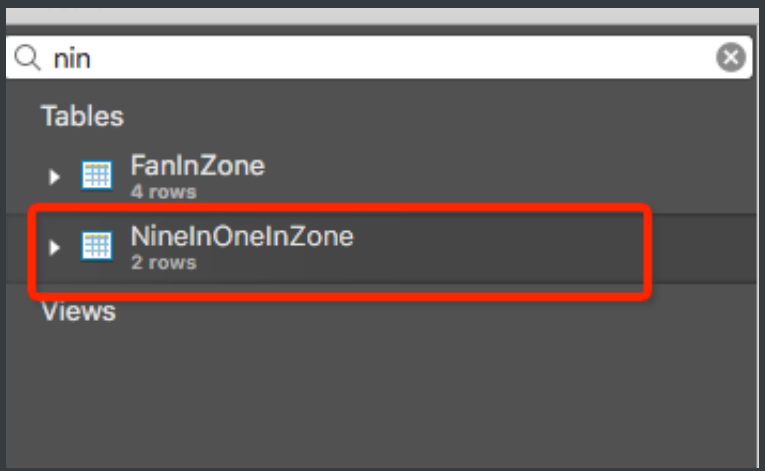


- Filed of table **FloorHeatingInZone**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number
FloorHeatingID	The Floor Heating sequence number of the current region	Start from 1
FloorHeatingRemark	name of Floor Heating	Letters
SubnetID	Address of Floor Heating	1 ~ 254
DeviceID	Address of Floor Heating	1 ~ 254
Channel NO	The channel number in Floor Heating module of current Floor Heating	1 ~ 254
outside Sensor SubNetID	Address of an outdoor temperature sensor	1 ~ 254
outside Sensor DeviceID	Address of an outdoor temperature sensor	1 ~ 254
outside Sensor Channel No	Address of an outdoor temperature sensor	1 ~ 254

4.15 9in1

- Select the table **NineInOneInZone**



- Field of table **NineInOneInZone**

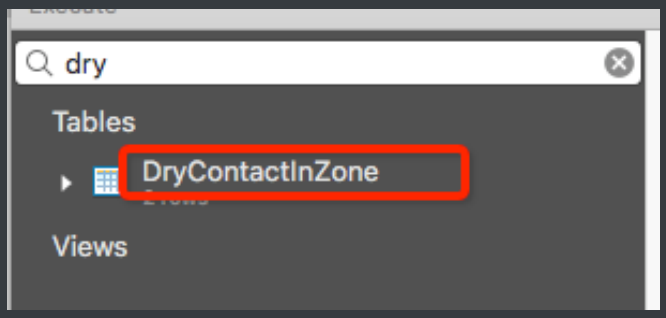
Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
NineInOne Name	name of 9in1	Letters
ZoneID	ZoneID is defined in the table **Zones**	Number
NineInOne ID	The 9in1 sequence number in the current area	Start from 1
SubnetID	Address of Floor Heating	1 ~ 254
DeviceID	Address of Floor Heating	1 ~ 254
SwitchIDforControlSure	Determine the command number corresponding to the key	Number
SwitchIDforControlUp	The command number corresponding to the upwards key	Number
SwitchIDforControlDown	The instruction number corresponding to the down key	Number
SwitchIDforControlLeft	The instruction number corresponding to the left key	Number
SwitchIDforControlRight	The instruction number corresponding to the right key	Number
SwitchNameforControl1	The name of the C1 key	Letters
SwitchIDforControl1	The instruction number corresponding to the C1 key	Number
SwitchNameforControl2	The name of the C2 key	Letters
SwitchIDforControl1	The instruction number corresponding to the C2 key	Number
SwitchNameforControl3	The name of the C3 key	Letters
SwitchIDforControl3	The instruction number corresponding to the C3 key	Number

SwitchNameforControl4	The name of the C4 key	Letters
SwitchIDforControl4	The instruction number corresponding to the C4 key	Number
SwitchNameforControl5	The name of the C5 key	Letters
SwitchIDforControl5	The instruction number corresponding to the C5 key	Number
SwitchNameforControl6	The name of the C6 key	Letters
SwitchIDforControl6	The instruction number corresponding to the C6 key	Number
SwitchNameforControl7	The name of the C7 key	Letters
SwitchIDforControl7	The instruction number corresponding to the C7 key	Number
SwitchNameforControl8	The name of the C8 key	Letters
SwitchIDforControl8	The instruction number corresponding to the C8 key	
SwitchIDforNumber0	The number 0 corresponding instruction number	Number
SwitchIDforNumber1	The number 1 corresponding instruction number	Number
SwitchIDforNumber2	The number 2 corresponding instruction number	Number
SwitchIDforNumber3	The number 3 corresponding instruction number	Number
SwitchIDforNumber4	The number 4 corresponding instruction number	Number
SwitchIDforNumber5	The number 5 corresponding instruction number	Number
SwitchIDforNumber6	The number 6 corresponding instruction number	Number
SwitchIDforNumber7	The number 6 corresponding instruction number	Number
SwitchIDforNumber8	The number 7 corresponding instruction number	Number
SwitchIDforNumber9	The number 9 corresponding instruction number	Number
SwitchIDforNumberAsterisk	The corresponding instruction number of `*`	Number
SwitchIDforNumberPound	The corresponding instruction number of `#`	Number
SwitchNameforSpare1	The name of the standby key 1	Letters
SwitchIDforSpare1	The instruction number of the spare key 1	Number
SwitchNameforSpare2	The name of the standby key2	Letters
SwitchIDforSpare2	The instruction number of the spare key 2	Number
SwitchNameforSpare3	The name of the standby key3	Letters

SwitchIDforSpare3	The instruction number of the spare key3	Number
SwitchNameforSpare4	The name of the standby key 4	Letters
SwitchIDforSpare4	The instruction number of the spare key 4	Number
SwitchNameforSpare5	The name of the standby key 5	Letters
SwitchIDforSpare5	The instruction number of the spare key 5	Number
SwitchNameforSpare6	The name of the standby key 6	Letters
SwitchIDforSpare6	The instruction number of the spare key 1	Number
SwitchNameforSpare7	The name of the standby key 7	Letters
SwitchIDforSpare7	The instruction number of the spare key 7	Number
SwitchNameforSpare8	The name of the standby key 8	Letters
SwitchIDforSpare8	The instruction number of the spare key 8	Number
SwitchNameforSpare9	The name of the standby key 9	Letters
SwitchIDforSpare9	The instruction number of the spare key 9	Number
SwitchNameforSpare10	The name of the standby key 10	Letters
SwitchIDforSpare10	The instruction number of the spare key 10	Number
SwitchNameforSpare11	The name of the standby key 11	Letters
SwitchIDforSpare11	The instruction number of the spare key 11	Number
SwitchNameforSpare12	The name of the standby key 12	Letters
SwitchIDforSpare12	The instruction number of the spare key 12	Number

4.16 4Z/24Z

- Select the table **DryContactInZone**

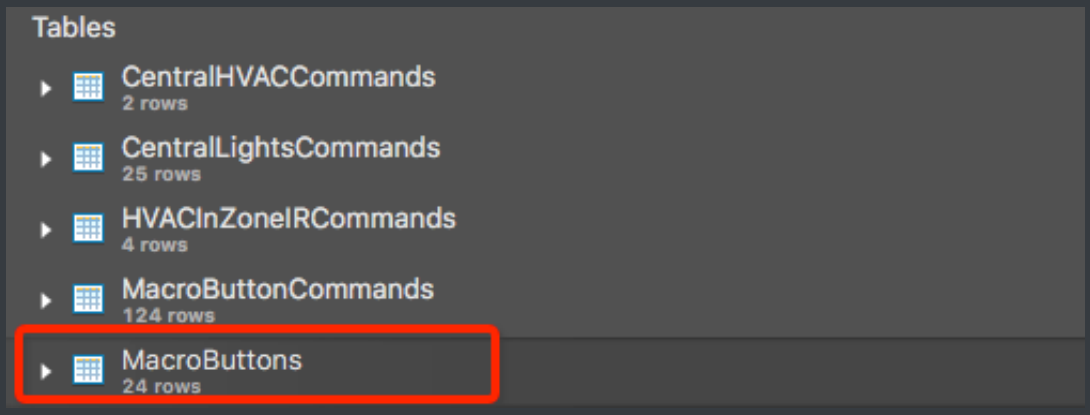


- Filed of table **DryContactInZone**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
zoneID	ZoneID is defined in the table **Zones**	Number
contactID	The number of dry nodes in the current region	Start from 1
remark	The name of each stem node	Letters
subnetID	Address of 4Z/24Z	1 ~ 254
deviceID	Address of 4Z/24Z	1 ~ 254
ChannelNo	Channel no of 4Z/24Z	Number

4.17 Macro Buttons

4.17.1 Macro button

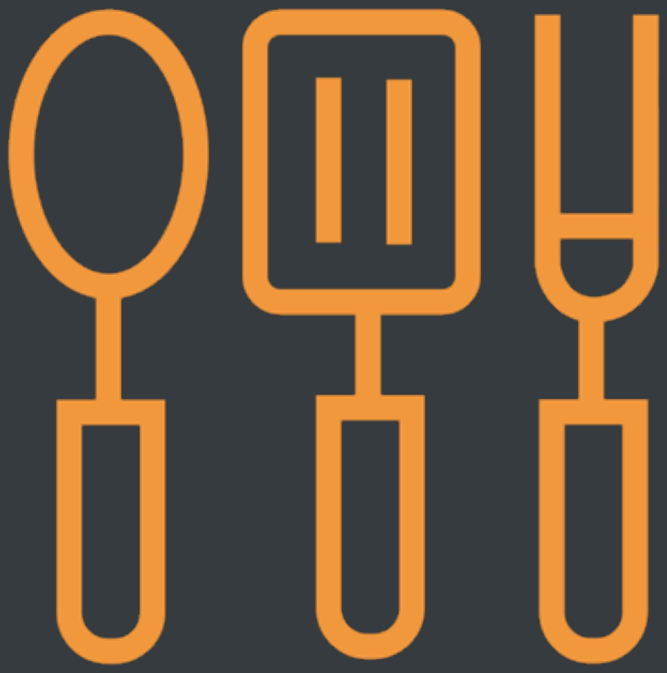


- Filed of table **MacroButtons**

Field	Remark	Value
ID	The number of records in the entire table, unique.	Start from 1
MacroID	The serial number of the Macro Button	Start from 1
MacroName	Name of Macro Button	Letters
MacroIconName	The picture name of the macro button has a fixed value	Letters

- The value of MacroIconName

MacroIconName	The corresponding picture style
BBQ Party	

	
Bed Time	
dining	

	
Energy Saving	
Manual	

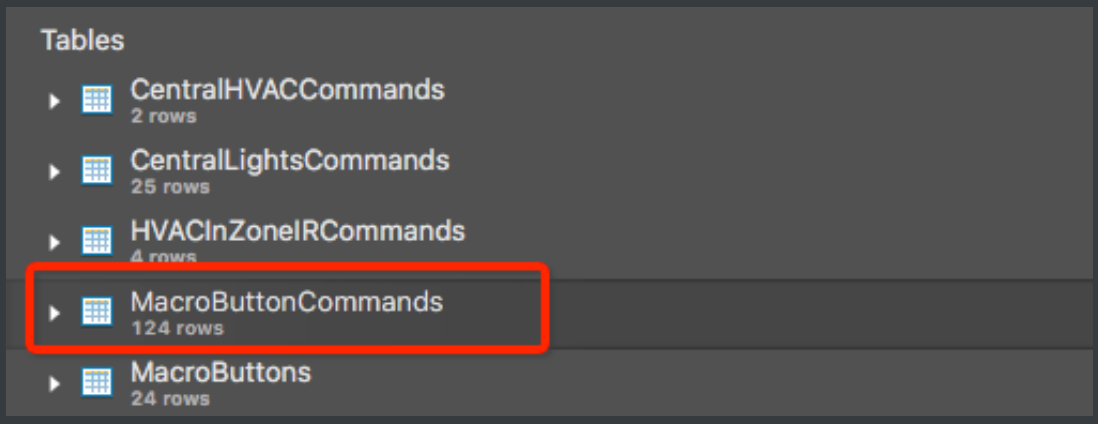
Meeting

	
Night Visitor	
Party	

	
Romatic	
TV Time	

	
Vistor	

4.17.2 commands for macro button



- Filed of table **MacroButtonCommands**

Field	Remark	Value
ID	The number of records in the entire table, unique.	Start from 1
MacroID	The serial number of the Macro Button, According to the value of `MacroID` in `MacroButtons`.	Start from 1
Remark	Explain the purpose of the command	Letters
SubnetID	Address of the device	1 ~ 254
DeviceID	Address of the device	1 ~ 254
CommandTypeID	Please see the table below	Number
FirstParameter	Please see the table below	Number
SecondParameter	Please see the table below	Number
ThirdParameter	Please see the table below	Number
DelayMillisecondAfterSend	Delay after this command has been sent **Unit=millisecond**	Number

- ConmandTypeID Definition

CommandTypeID	Command Type	Remark	FirstParameter	SecondParameter	ThirdParameter

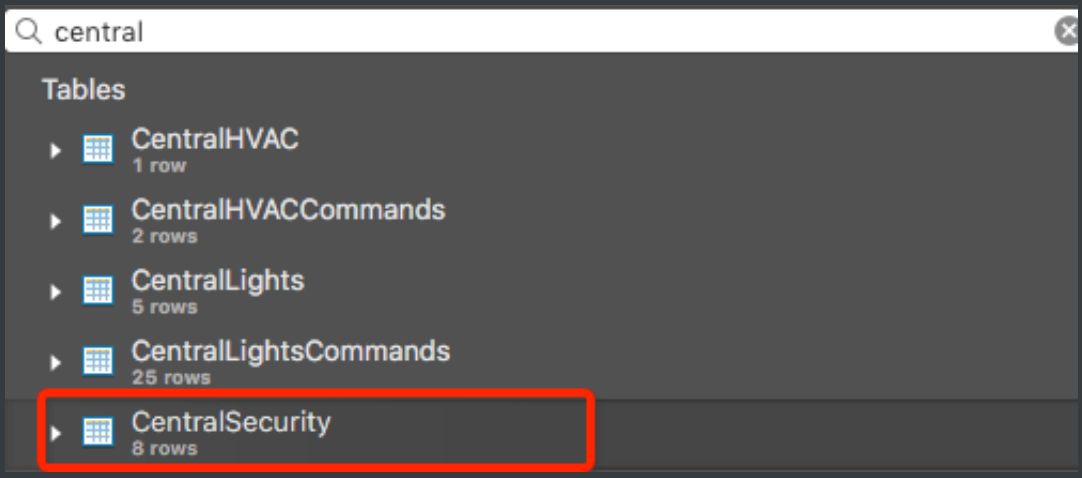
	Name				
0	Scene control		Zone No (1-254)	Scene No (0-254)	Unused (set 0)
1	Sequence Control		Zone No (1-254)	Sequence No (0-254)	Unused (set 0)
2	Universal Switch Control		Universal Switch Control ID (0 ~ 255)	Switch Control status (255:on /0: off)	Unused (set 0)
3	Invalid	Invalid command, it will not take any actions	Any value (0-255)	Any value (0-255)	Any value (0-65535)
4		Single Channel Control	channel No. (1 ~ 255)	Brightness percentage (0 -100)	Running Time, unit: second (0 -3600)
5	Broad cast scene	Run the specific scene in all area of current module	Broadcast area (Must be set 255)	Scene No (0-254)	Unused (set 0)
6	Broadcast All channels	Control all the channels of current module	Broadcast all channels (Must be set 255)	Brightness percentage (0 -100)	Running Time, unit: second (0 -3600)
7	Curtain Control	Control curtain if youare using g3 curtain module	Curtain No (1-4)	Curtain Control Status (0: Stop 1: Open 2: Close)	Unused (set 0)
8	Timer Control		Channel No (1-255)	Control Status (255: open / 0 : close)	Unused (set 0)
9	SMS Control	Control G3 SMS module	Type ID (0: invalid 1: SMS Message)	SMS Command No (0 ～ 255)	Unused (set 0)
10	Panel control		1 = (enable/disable Ireceive function of DLP)	0:disable 1:enable	Unused (set 0)
			3 = (Power on/off A/C)	0: power off 1:power on	Unused (set 0)
			4 = (cool temperature Set Point)	0 ~ 30 C 32 ~ 86 F	Unused (set 0)
			5 = (Fan Speed)	Auto=0 High=1 Medial=2	Unused (set 0)

				Low=3	
			6 = (AC mode)	Cool=0 Heat=1 Fan=2 Auto=3	Unused (set 0)
			7 = (Heat temperature Set Point)	0 ~ 30 C 32 ~ 86 F	Unused (set 0)
			8 = (Auto temperature Set Point)	0 ~ 30 C 32 ~ 86 F	Unused (set 0)
			20 = Power (floor heater)	0: power off 1:power on	channel No.
			21 = model (floor heater)	manual = 1 day = 2 night = 3 away = 4 timer = 5	channel No.
			23 = Manual mode temperature control (floor heater)	5 ~32 `Unit: centigrade`	channel No.
11	Security Mode control		zone no (1 ~ 8)	Mode No: 1: vaction 2: away 3: night 4: Night with guest 5: Day 6:Disarm	Unused (set 0)
12	Security Alarm		zone no (1 ~ 8)	Alarm No: 1: vaction 2: away 4: night 8: Night with guest 16: Day 32: Siren 64: Power 128: Temperature	Unused (set 0)

18	Z-Audio		Music Source (1)	SD card = 1 Audio in = 2 FTP Server = 3 FM Radio = 4	Unused (set 0)
			Album Control/ Radio (3)	Previous Album = 1 Next Album = 2 Specify Album No = 3 PREV Radio Channel = 4 Next Radio Channel = 5 Specify Radio No = 6	Album No / Radio No : this parameter 2 is only available when Parameter 1 is equal 3 or 6
			Play Control (4)	Previous Song=1 Next Song=2 Play=3 Stop=4	Unused (set 0)
			Volume Control (5)	Percentage of VOL (0~100, 100% is max. VOL, 0 is mute)	Unused (set 0)
			Control SpecifySong (6)	Album No (1byte,0-255, Album No 0 is for alarm voice)	Song No:1 – 999

4.18 Security

- The default password of security module is: `8888`
- Select the table **CentralSecurity**

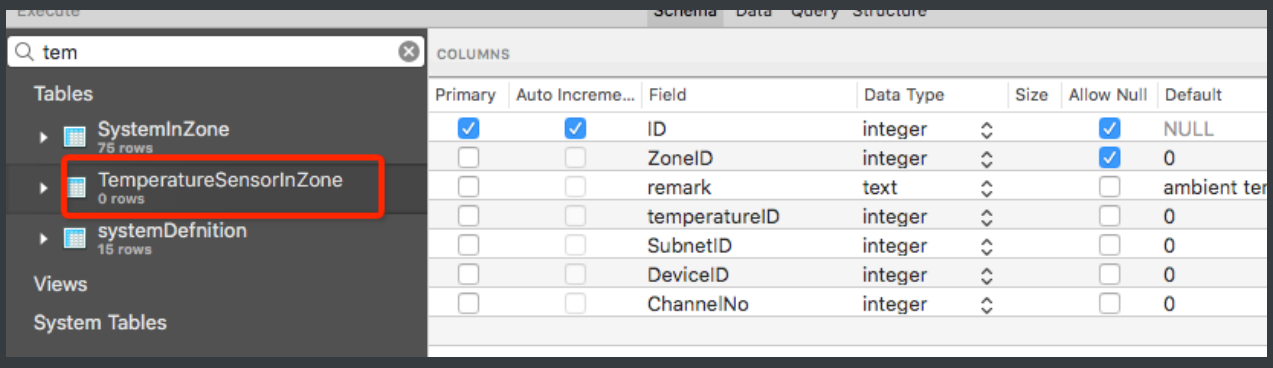


- Filed of table **CentralSecurity**

Field	Remark	Value
ID	The number of records in the entire table, unique.	Start from 1
SubnetID	Address of the device	1 ~ 254
DeviceID	Address of the device	1 ~ 254
ZoneID	Area code of security module	1 ~ 8
zoneNameOfSecurity	Name of security module	Letters

4.19 4T

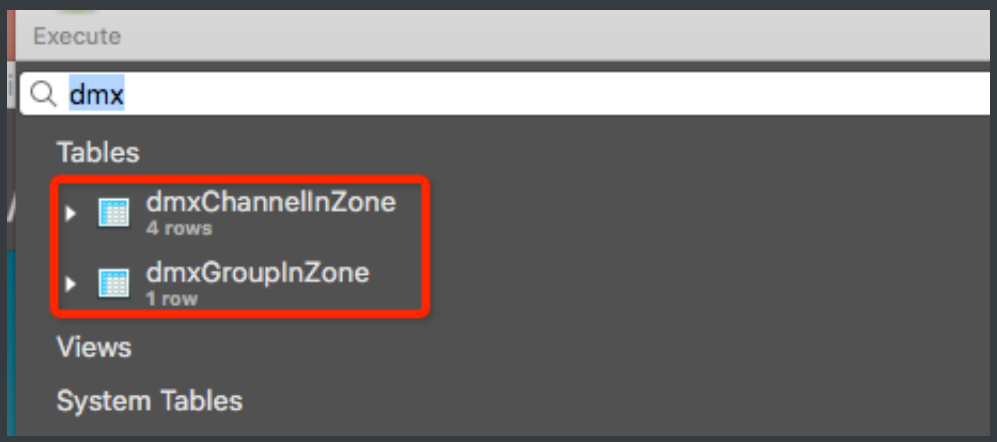
- Select the table **TemperatureSensorInZone**



- Filed of table **TemperatureSensorInZone**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
zoneID	ZoneID is defined in the table **Zones**	Number
remark	Description of each channel	Letters
temperatureID	ID of each channel	Start from 1
SubnetID	Address of 4T	1 ~ 254
DeviceID	Address of 4T	1 ~ 254
ChannelNo	Channel no of 4T	1 ~ 254

4.20 DMX



- This device type has two tables, namely `dmxGroupInZone` and `dmxChannelInZone`
- Filed of table Filed of table **TemperatureSensorInZone**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1

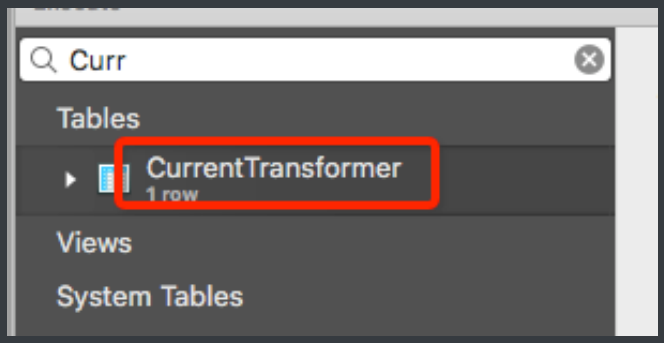
ZoneID	ZoneID is defined in the table **Zones**	Number
groupID	Group number in a region	Number
groupName	current group name	Letters

- Filed of table **dmxChannelInZone**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number
groupID	Group number in a region	Number
groupID	current group name	Letters
SubnetID	Address of DMX	1 ~ 254
DeviceID	Address of DMX	1 ~ 254
ChannelNo	Channel no of DMX	1 ~ 254
channelType	`1:red, 2:green, 3:blue, 4:white, default 0`	0 ～ 4
remark	Channel name	Letters

4.21 CT24

- Select the table **CurrentTransformer**



- Filed of table **CurrentTransformer**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
CurrentTransformerID	The serial number of the current device	Start from 1
SubnetID	Address of CurrentTransformer	1 ~ 254
DeviceID	Address of CurrentTransformer	1 ~ 254
Remark	The name of the device or other description	Letters
Voltage	Voltage values for equipment, Unit: `volt`	default `1`

4.22 Scene Control

- Filed of table Filed of table **SceneInZone**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number
SceneID	ID of Scene in current Zone	Start from 1
remark	Note by Scene	Letters
SubnetID	Address of Scene	1 ~ 254
DeviceID	Address of Scene	1 ~ 254
AreaNo	Scene's Area Number	1 ~ 254
SceneNo	Scene Number (0 is for stopping scene)	1 ~ 254

4.23 Sequence Control

- Filed of table **SequenceInZone**

Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number

SequenceID	ID of Sequence in current Zone	Start from 1
remark	Note by Sequence	Letters
SubnetID	Address of Sequence	1 ~ 254
DeviceID	Address of Sequence	1 ~ 254
AreaNo	Sequence's Area Number	1 ~ 254
SequenceNo	Sequence Number (0 is for stopping sequence)	1 ~ 254

4.24 Other Control

- Filed of table **OtherControlInZone**

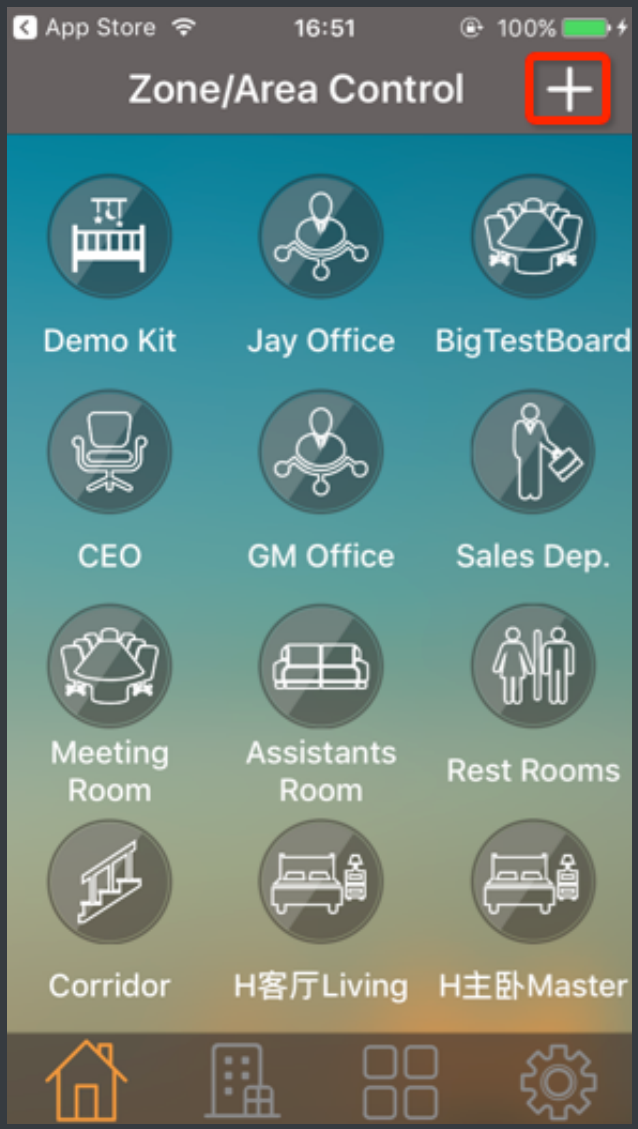
Field	Remark	Value
id	The number of records in the entire table, unique.	Start from 1
ZoneID	ZoneID is defined in the table **Zones**	Number
OtherControlID	ID of otherControl in current Zone	Start from 1
remark	Note by other Control	Letters
ControlType	single Channel Control : 0 inter Lock Control : 1 logic Control : 2	Number
SubnetID	Address of other Control	1 ~ 254
DeviceID	Address of other Control	1 ~ 254
Parameter1	Open channel	1 ~ 254
Parameter2	Close channel (Invalid when `ControlType is single Channel Control`)	1 ~ 254

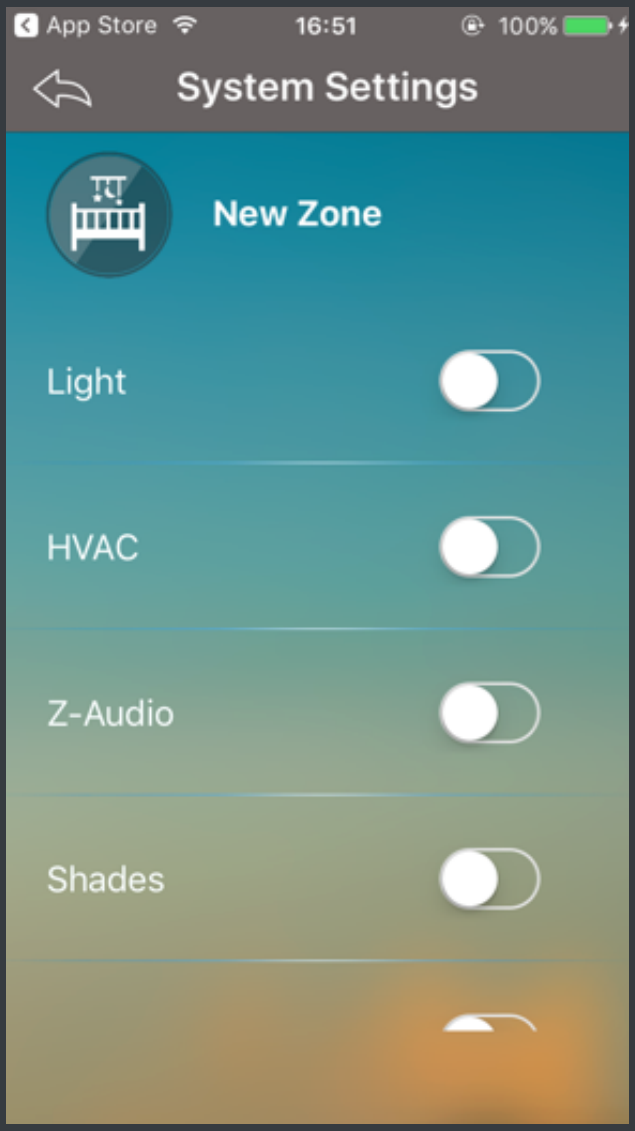
5. Configuring parameters through the application

5.1 Zone Settings

5.1.1 Add Zone

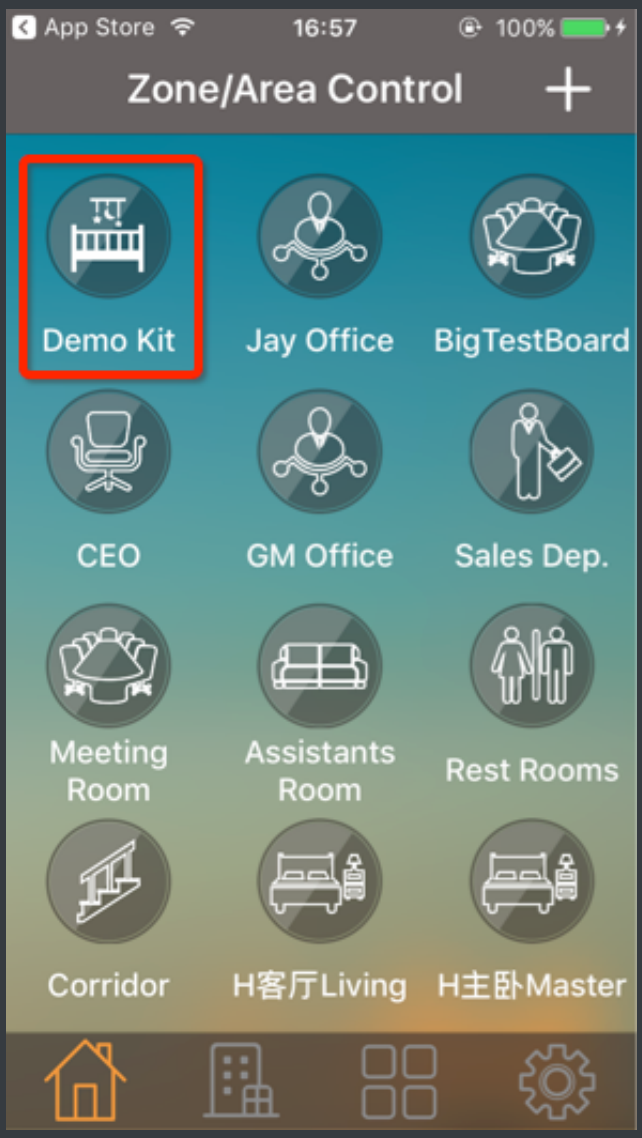
- Click on the upper right +
- Enter the add area page.
- You can set up pictures, names, types of devices



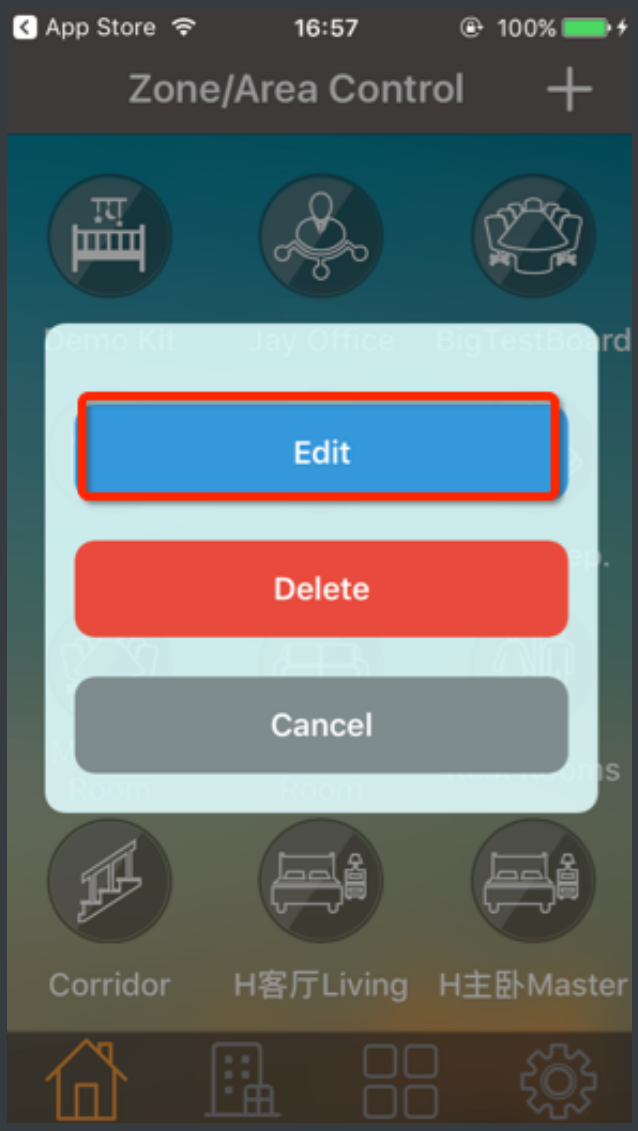


5.1.2 Edit Zone

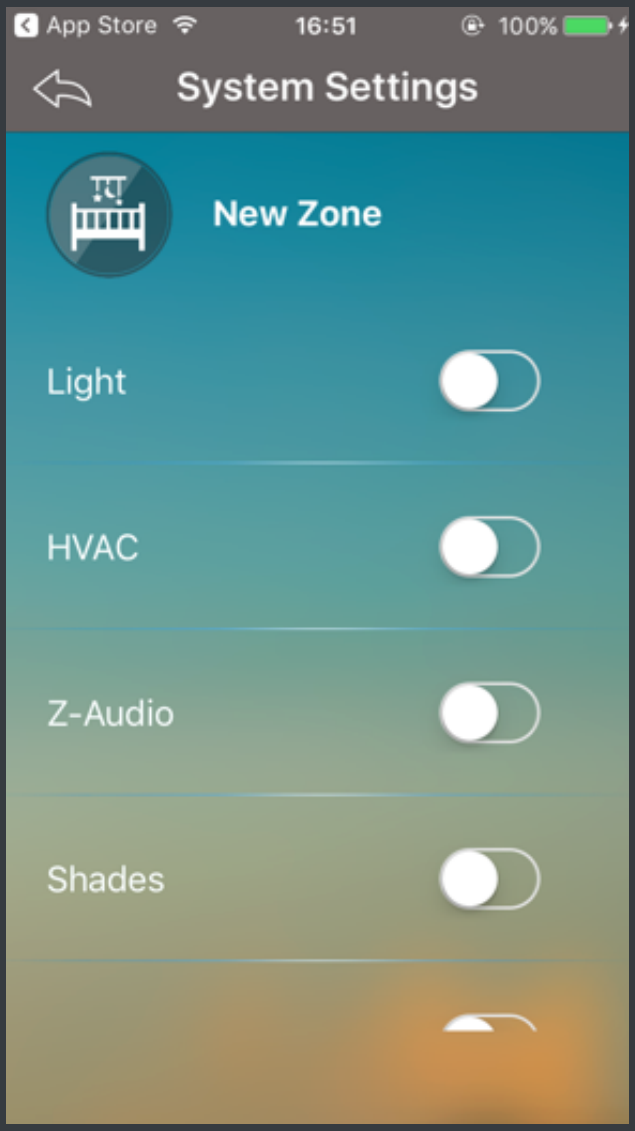
- long press A region (such as Demo Kit)


App Store
16:57
100%
Zone/Area Control
Demo Kit
Jay Office
BigTestBoard
CEO
GM Office
Sales Dep.
Meeting Room
Assistants Room
Rest Rooms
Corridor
H客厅Living
H主卧Master

- Click Edit

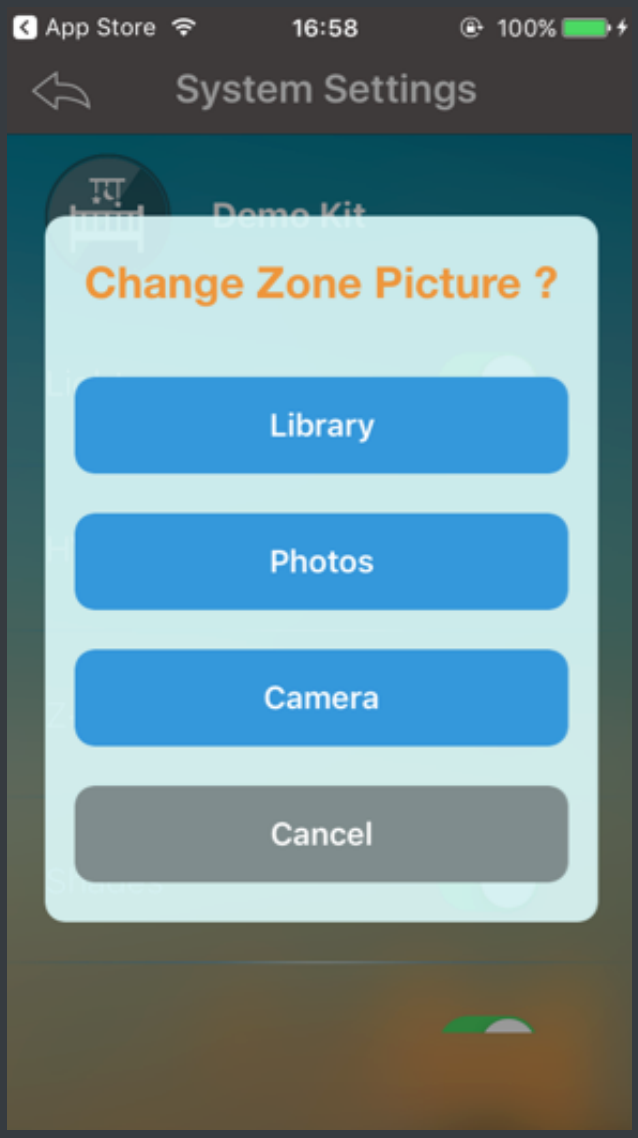


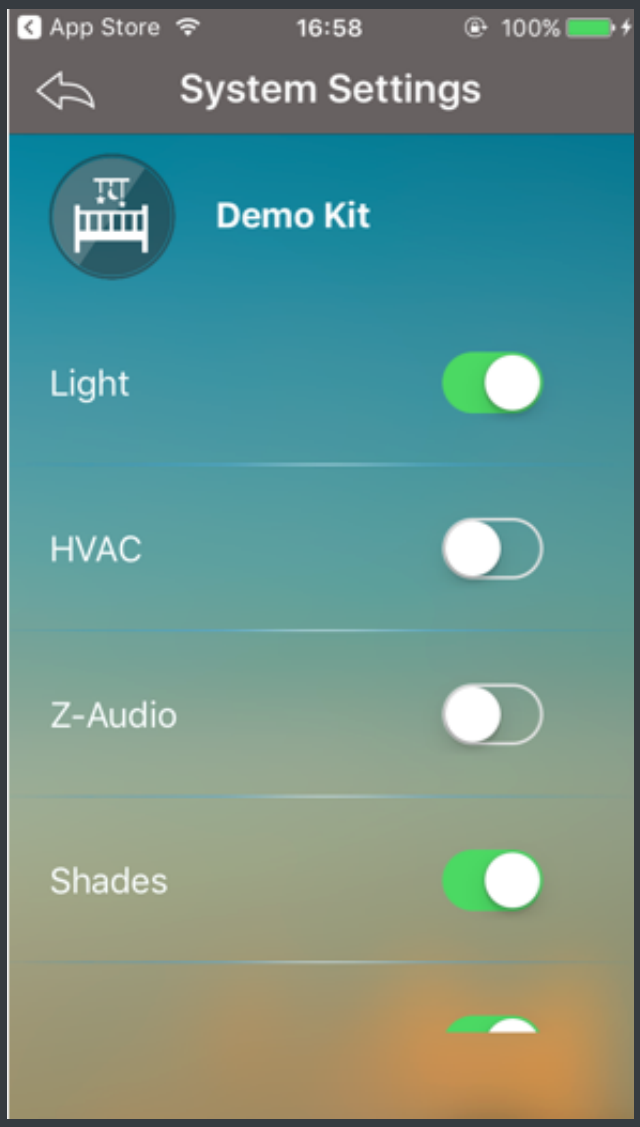
- Entering the area settings page



- You can also set up pictures, names, and types of devices.

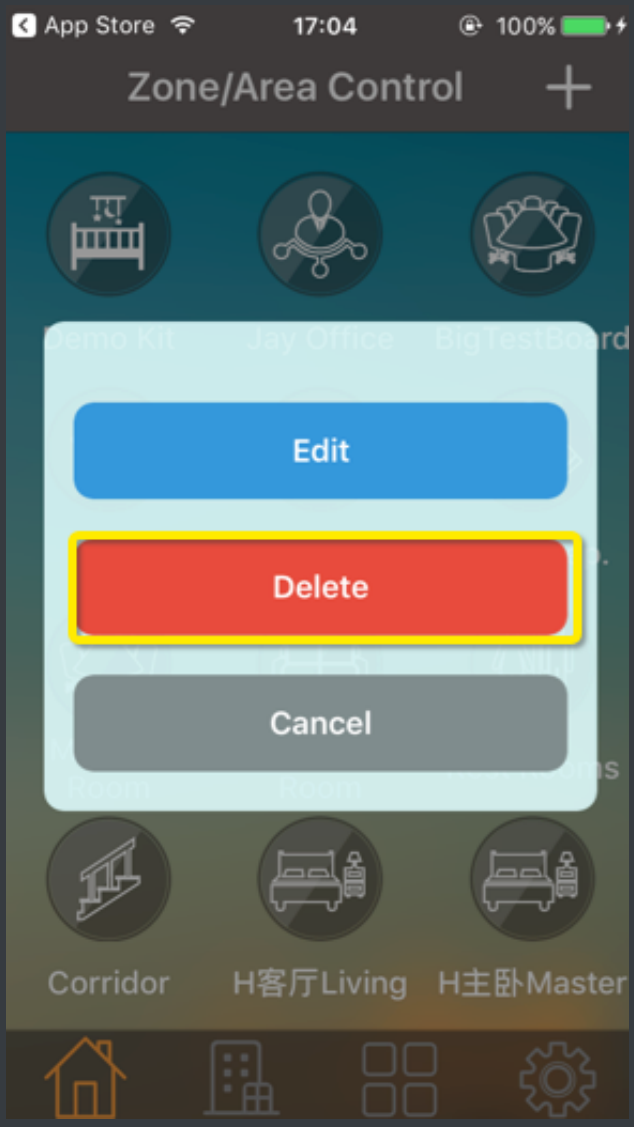

App Store
16:57
100%
System Settings
Demo Kit
Light
HVAC
“Kit”
Kits
Kitchen
q w e r t y u i o p
a s d f g h j k l
z x c v b n m
123
space
return


App Store
16:58
100%
System Settings
Change Zone Picture ?
Library
Photos
Camera
Cancel



5.1.3 Delete Zone

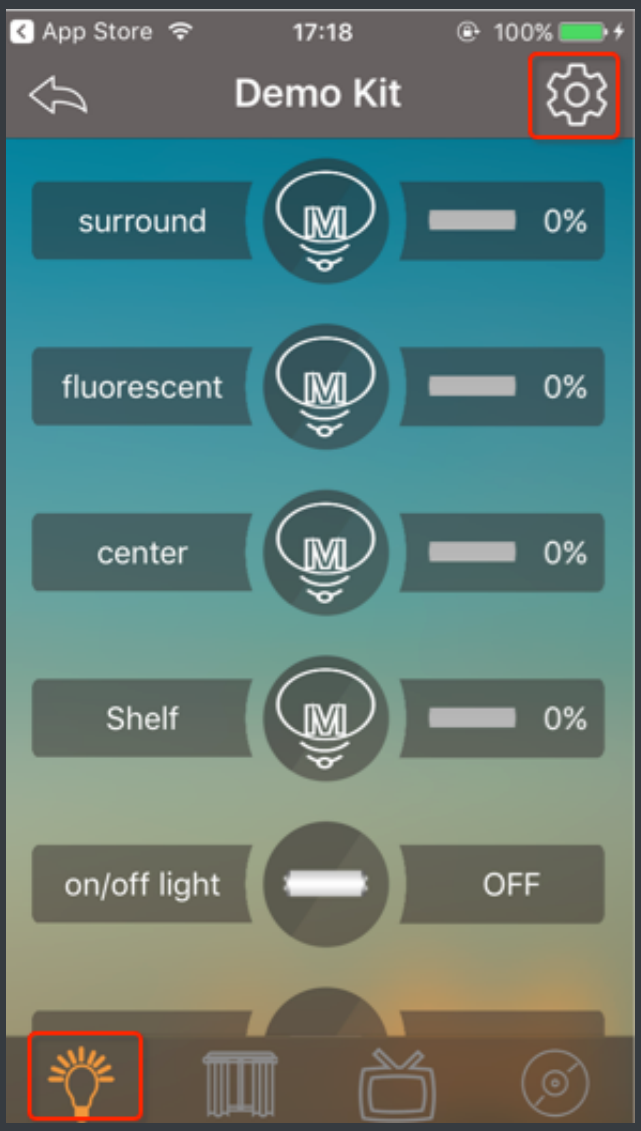
- long press A region (such as Demo Kit)
- Click Delete



5.2 Setting the parameters of the specific device

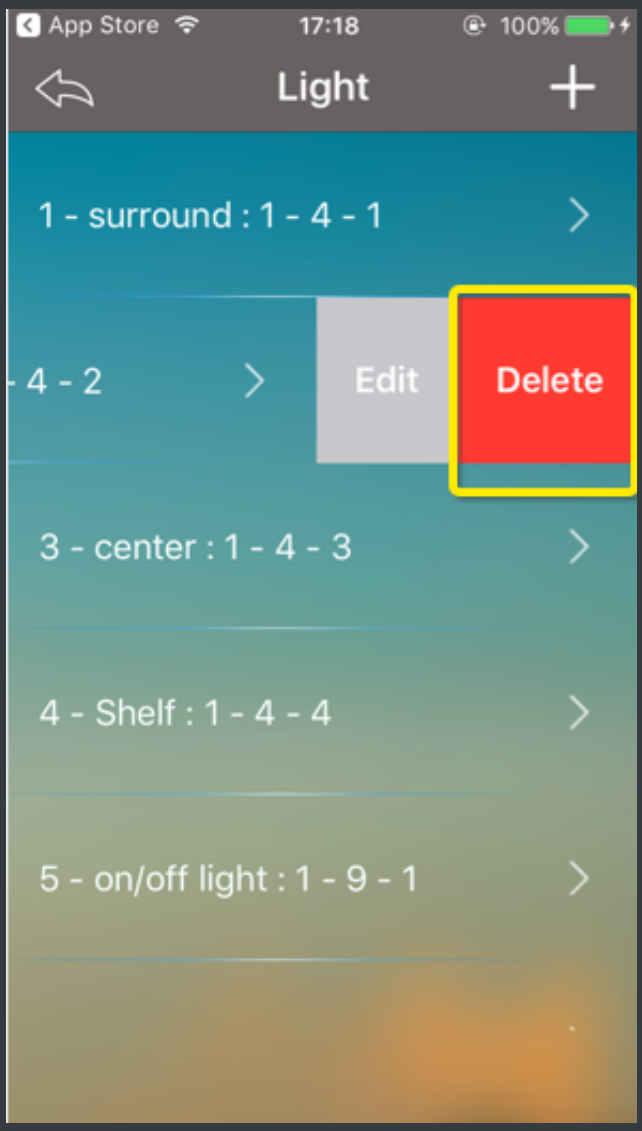
> Take the light as an example

- Click the settings button on the upper right corner to enter the specific device settings.

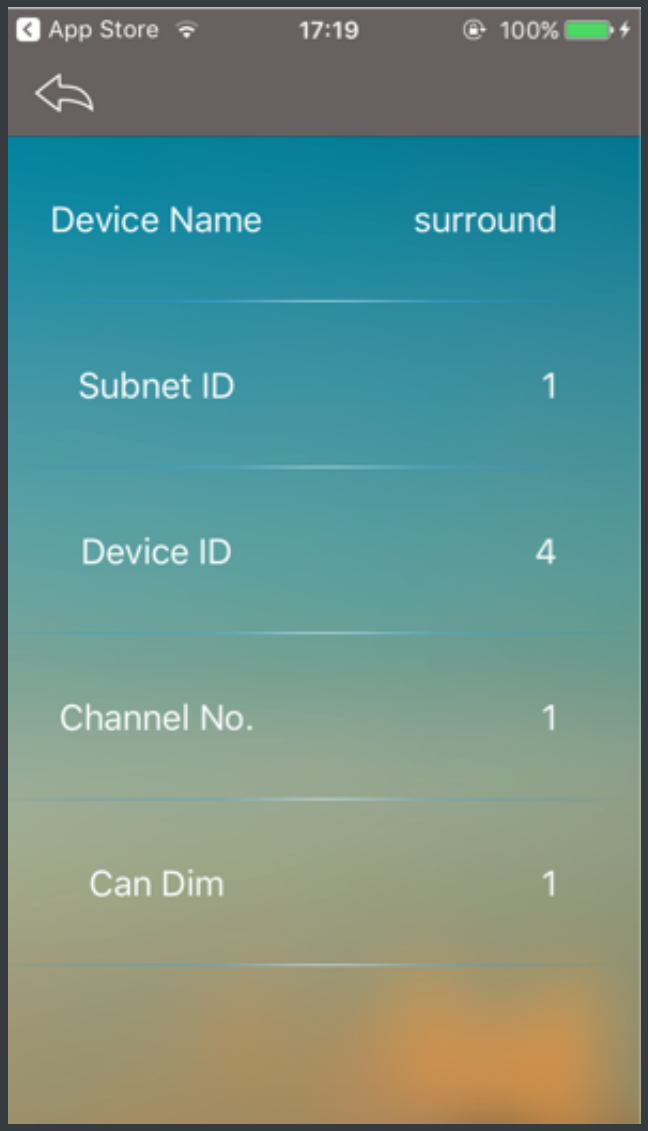


- Click the upper right to add the device

- Select a row of left slip and delete directly



- Select a line to enter the editor


App Store
17:19
100%
Device Name
surround
Subnet ID
1
Device ID
4
Channel No.
1
Can Dim
1