

## Manual for SMART-HOTEL iPad App PRO

Manual Version: 1.2

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Website: <http://smarthomebus.com>

SMART-BUS iPad App version required: PRO V1.2 Apr 8, 2014 or above

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## 1 Install the app SMART HOTEL

1.1 Run App Store on your iPad

1.2 Input key word “smart hotel” in App Store to search SMART HOTEL app.



1.3 Download the app SMART HOTEL

## 2 Basic Settings

A Get info of current room of Specify Hotel Room

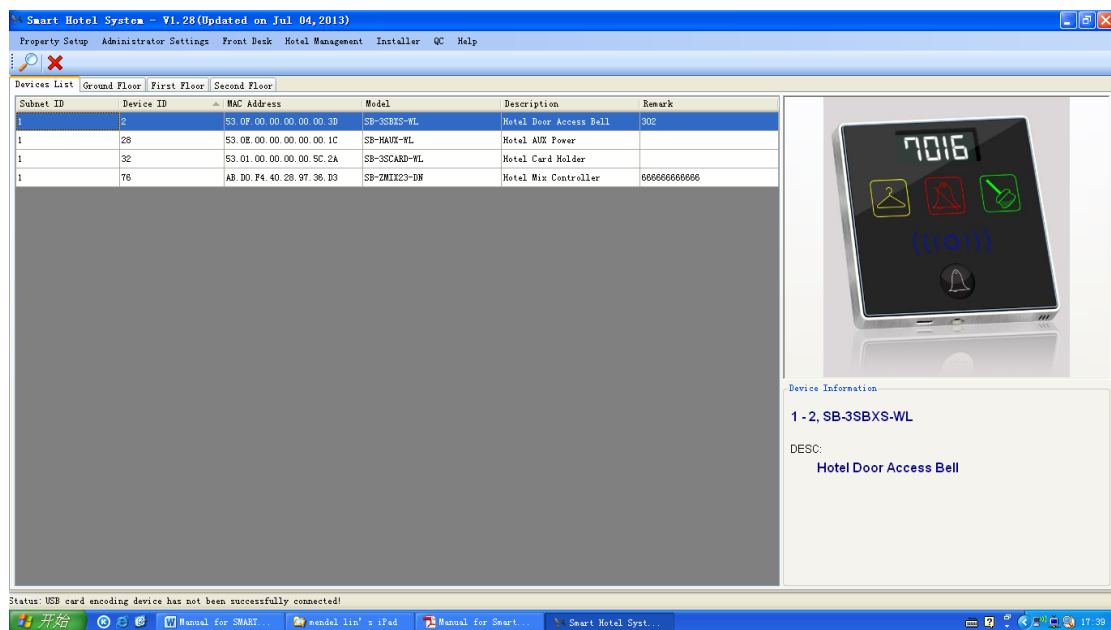
## 2.1 Open Smart Hotel app on PC(windows)



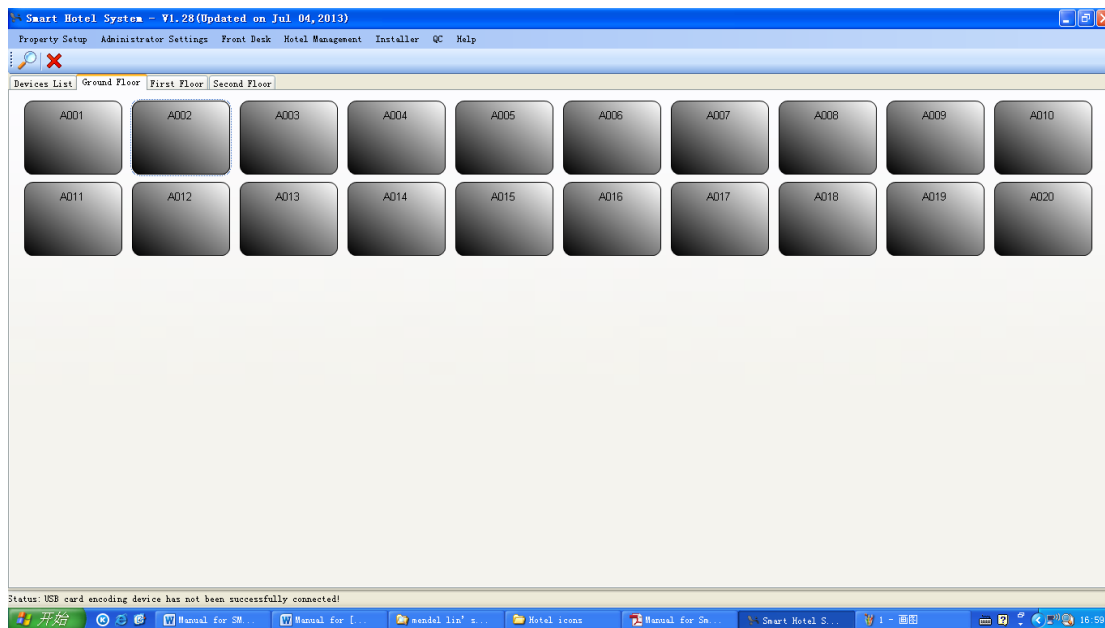
PS. How to install it see

<http://smarthomebus.com/dealers/Programming%20Manual/Manual%20for%20Smart%20Hotel%20v1.3.pdf>

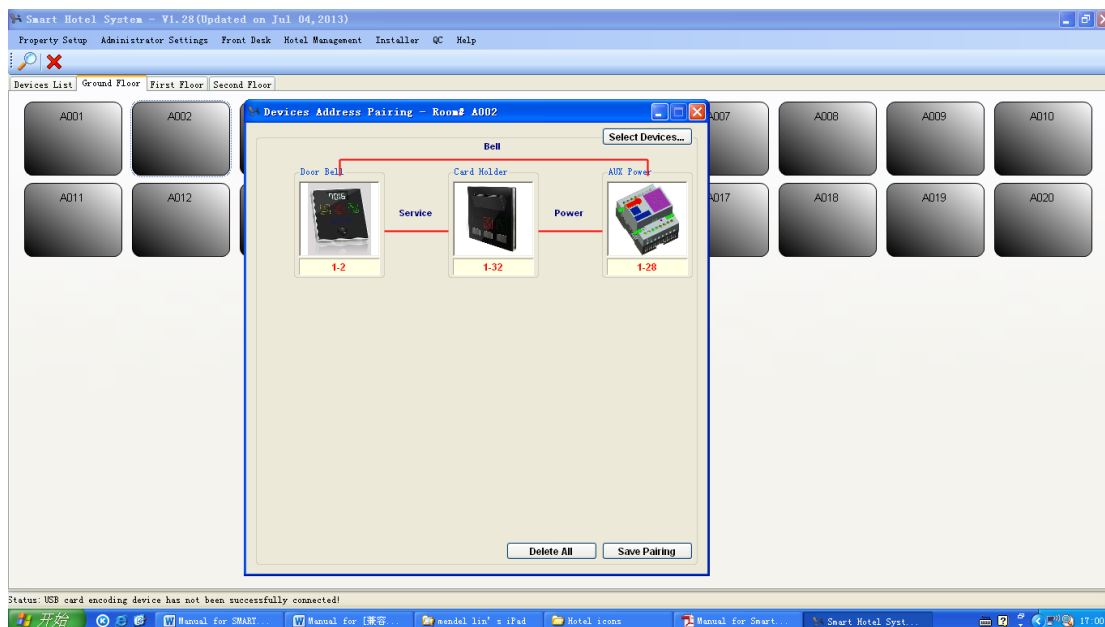
## 2.2 When it is been opened it is



## 2.3 Select the specify floor



## 2.4 Select the specify Room



Then you can get the devices basic info in this room.  
eg :

Door Bell subnet ID = 1, Device ID = 2  
 Card Holder subnet ID=1, DeviceID = 32  
 AUX Power subnet ID=1, Device ID = 28  
 Hotel Mix Controller subnet ID=1, Device ID = 76

PS. You should broadcast the Hotel Mix Controller' address to scan it.

## B Setting Hotel iPad app

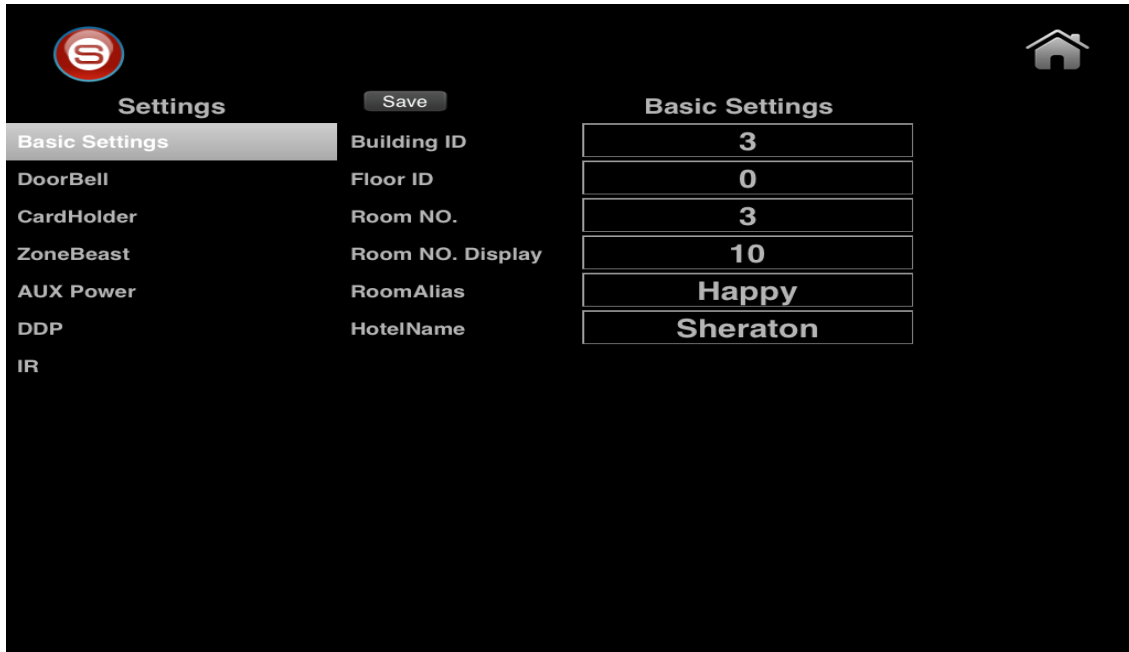
### 2.5 Open Smart Hotel app for iPad



### 2.6 Press the Logo of SMART-BUS G4 for 5s



## 2.7 Then you will come into the settings view



Basic Settings	
Building ID	3
Floor ID	0
Room NO.	3
Room NO. Display	10
RoomAlias	Happy
HotelName	Sheraton

### 2.7.1 Building No, Floor No,Room No

This is depend on Door Bell,

eg: If doorbell is 302 means the Building No=3,Floor No=0, Room No=2

RoomNo.Display : Show room number on the top right of homepage,

HotelName:Show Hotel Name on top left of all app views.

### 2.7.2 Door Bell

Input the subnet ID and Device ID (getting by 2.3 above )

Then Save

### 2.7.3 Cardholder

Input the subnet ID and Device ID (getting by 2.3 above )

Then Save

## 2.7.4 ZoneBeast

Input the subnet ID and Device ID (getting by 2.3 above )

PS. A. The subnetID and device ID of all lights is ZoneBeast' subnetID and Device ID.

B. If you control AC by ZoneBeast directly. Then set The 'IR' and 'DDP' id the same of ZoneBeast.

## 2.7.5 AUX Power

Input the subnet ID and Device ID (getting by 2.3 above )

Then Save

## 2.7.6 DDP & IR

If you control AC by DDP

Input subnet ID and Device ID of DDP into 'DDP' and 'IR'.

If you control AC by ZoneBeast directly

Input subnet ID and Device ID of ZoneBeast into 'DDP' and 'IR'.

## 3 Database settings

Detail of lights,TV,Curtain should set in database.

### 3.1 Install software "SQLite Expert Personal" on your computer



If you don't have SQLite software, it is available on [www.smarthomebus.com](http://www.smarthomebus.com) website, here is the link:

<http://smarthomebus.com/dealers/Softwares/SQLiteExpertPersSetup%20for%20windows.exe>

Download and install it on your computer

## 3.2 Getting the database file "SHDB.sqlite3"

if you are first time program the SMART HOTEL iPad app or don't have the database for SMART HOTEL iPad app app, After you running your app you can take the database from Smart-BUS iPad app.

## 3.3 get Database file by iTools

### 3.3.1 Download itunes from Apple

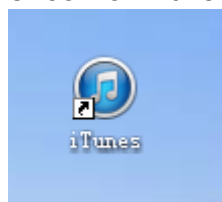
<http://www.apple.com.cn/itunes/download/>

### 3.3.2 Installing itunes on computer

Double click iTunesSetup.exe



When finished you will see the Icon of iTunes on your PC desktop



### 3.3.3 Download iTools

<http://itools.hk/>

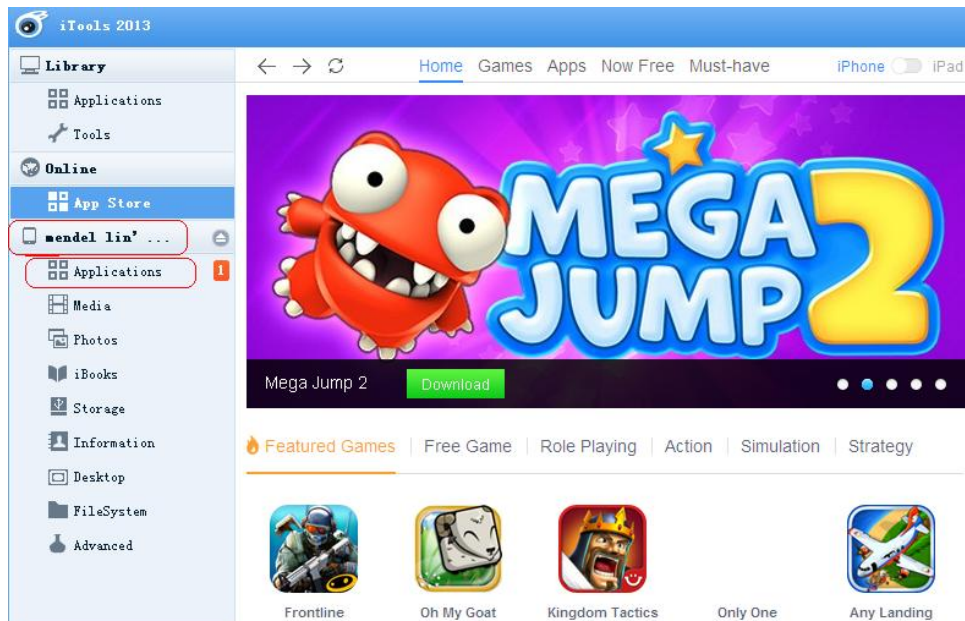
### 3.3.4 Installing iTools on computer

Double click iToolsSetup0509.exe

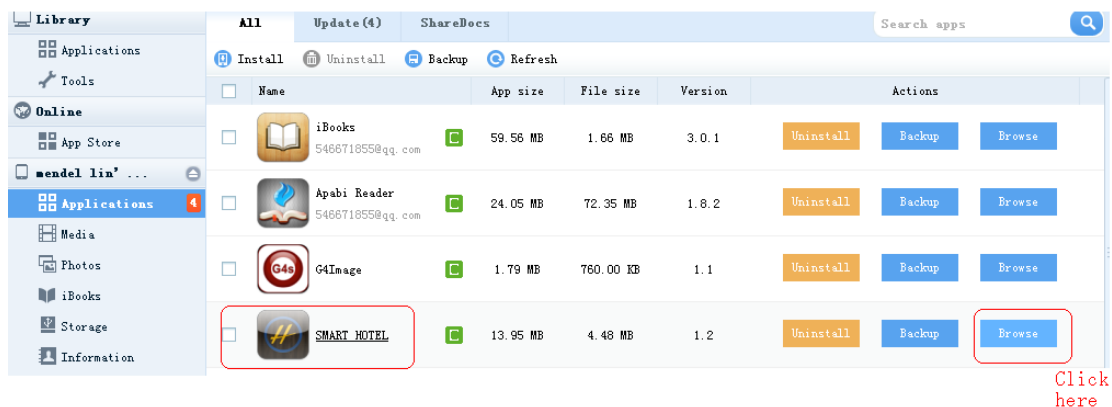


### 3.3.5 Change database with iTools

Connecting your iPhone/iPad to your Computer with line  
Your iTools will be starting and you will see the view like the image below  
When your iPad show on the app.,select your iPad.



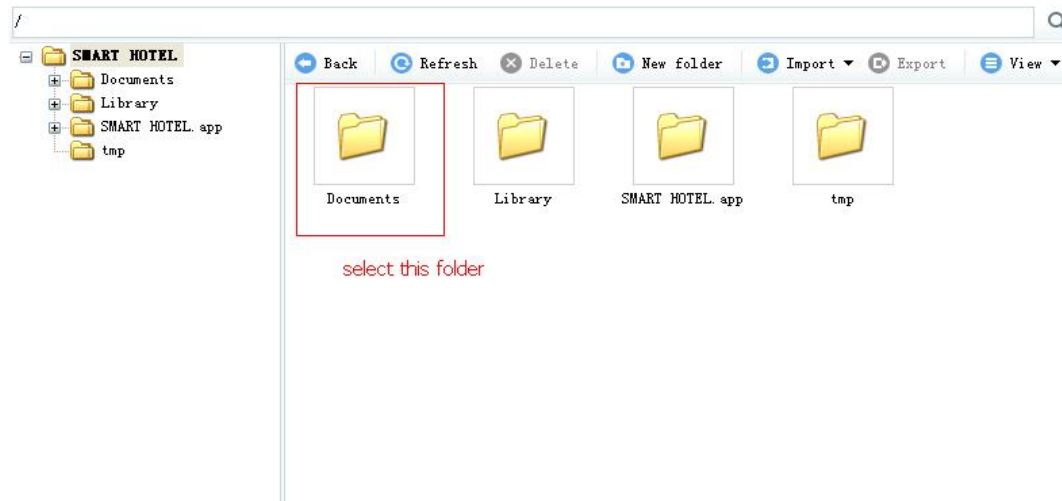
Click the lin apps as the image show, then your will see the view as the image below



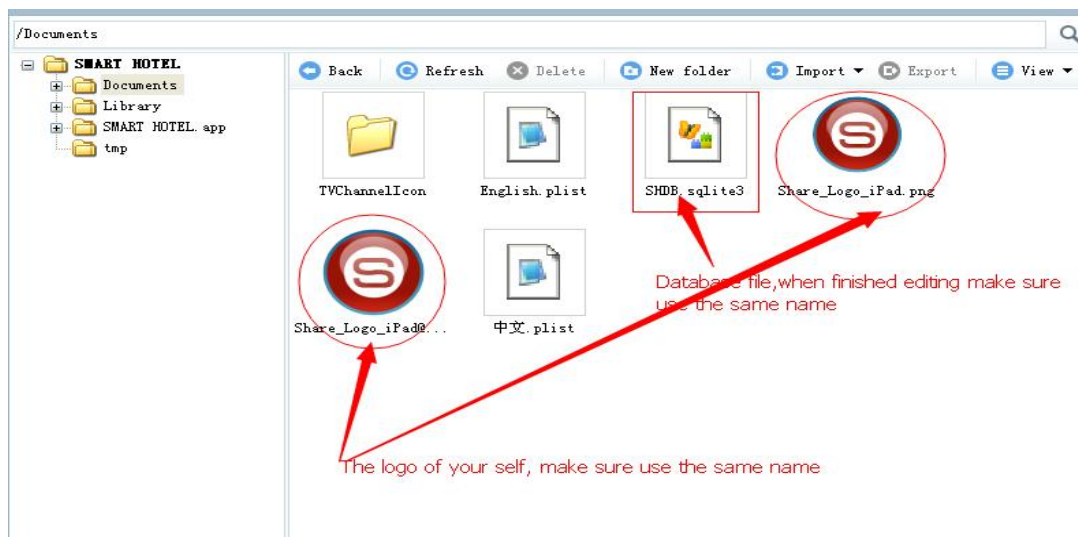
Input "smart " in the search bar

Click the last button as the above image show step 2

You will see the view as below



DoubleClick the folder“Documents”, you will see the view as the image below:



Then you will see the file “SHDB.sqlite3”,  
Now you can copy the SHDB.sqlite3 to your computer or copy it to your iPad by dragging.

**Notice: The Database file name should be “SHDB.sqlite3”**

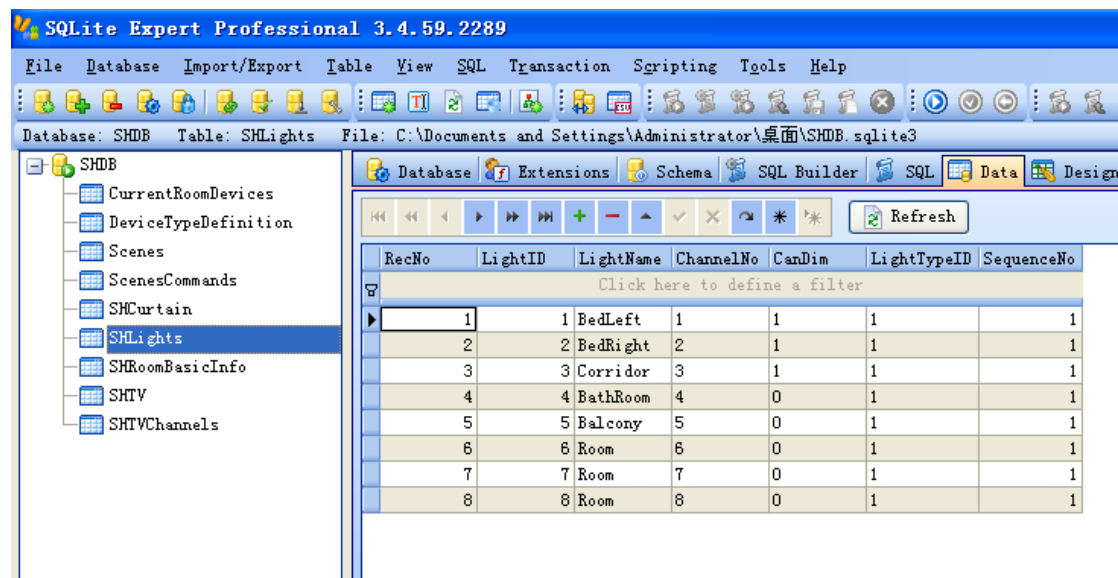
### 3.3.6 Change Logo of Smart Hotel

- >Find the images in the documents where database is in as the picture above.
- >Copy the picture named “Share\_Logo\_iPad.png” and “Share\_Logo\_iPad@2x.png”,
- >Review the size of them, then make yourself logo as the same size.Named them with the same name as default
- >then drag to the documents by iTools.
- >Restart your app you will see the Logo changed

## 4 Lights & Scenes

### 4.1 Lights

Select the table “SHLights” in database



RecNo	LightID	LightName	ChannelNo	CanDim	LightTypeID	SequenceNo
1	1	BedLeft	1	1	1	1
2	2	BedRight	2	1	1	1
3	3	Corridor	3	1	1	1
4	4	BathRoom	4	0	1	1
5	5	Balcony	5	0	1	1
6	6	Room	6	0	1	1
7	7	Room	7	0	1	1
8	8	Room	8	0	1	1

RecNo:No use

LightID:To mark different lights

LightName:Light display name in app.

ChannelNo: channel of ZoneBeast

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CanDim: To mark the light can dim or not. "0" means Relay, "1" means Dimmer

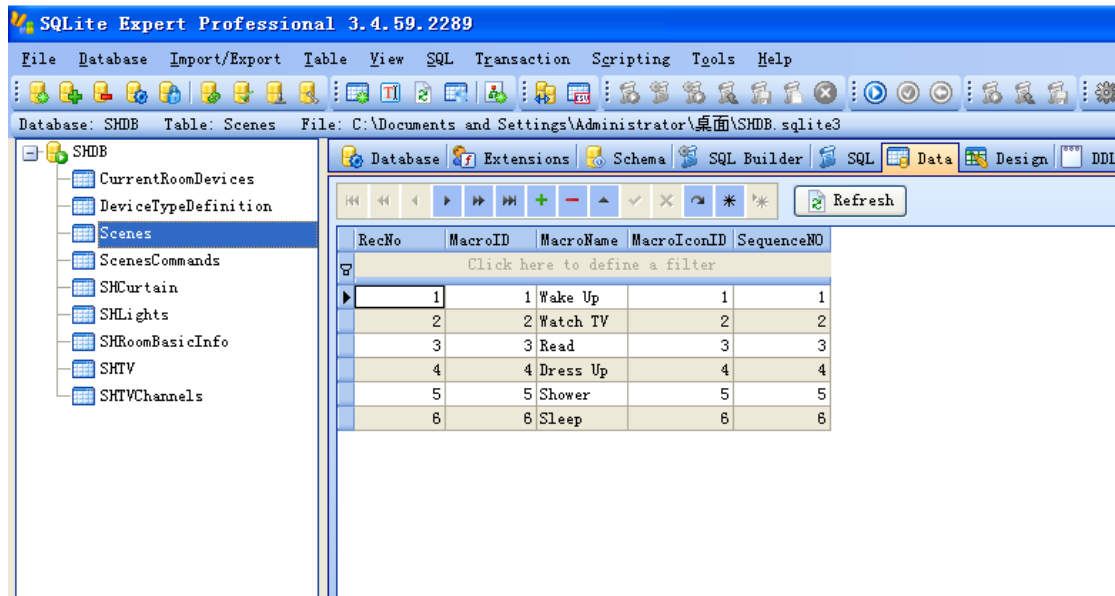
LightTypeID:

SequenceNO: Sequence of lights



## 4.2 Scenes

### 4.2.1 Select the table "Scences" in database

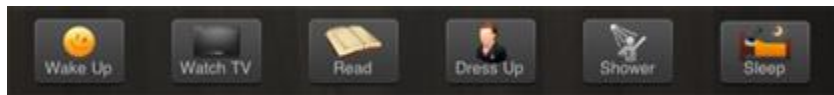


MacroID: To mark different Scenes

MacroName: Name of Scenes

MacroIconID: The id of different icons of scenes.

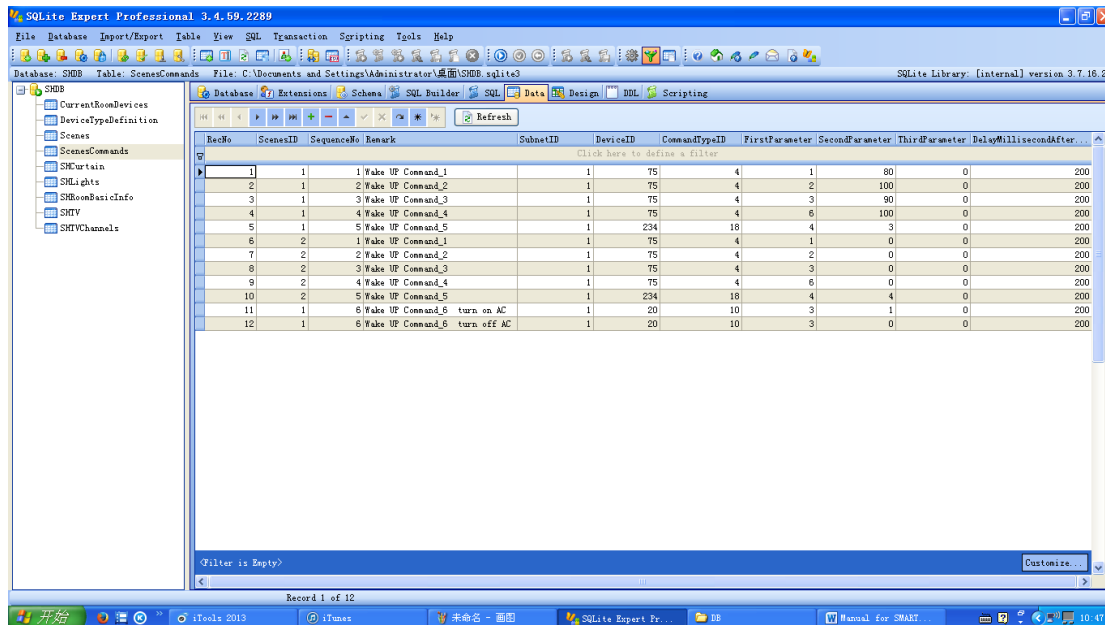
From 1 to 6 are as the image below:



SequenceNO: sequence of scenes.

### 4.2.2 Settings of Scenes commands

Select the "ScenesCommands"



The screenshot shows the SQLite Expert Professional interface with the 'ScenesCommands' table selected. The table contains 12 records with columns: RecID, ScenesID, SequenceNo, Remark, SubnetID, DeviceID, CommandTypeID, FirstParameter, SecondParameter, ThirdParameter, and DelayMillisecondAfterSend. The data includes various 'Wake UP' commands for different devices and a 'turn on AC' command.

RecID	ScenesID	SequenceNo	Remark	SubnetID	DeviceID	CommandTypeID	FirstParameter	SecondParameter	ThirdParameter	DelayMillisecondAfterSend
1	1	1	Wake UP Command_1	1	75	4	1	80	0	200
2	1	2	Wake UP Command_2	1	75	4	2	100	0	200
3	1	3	Wake UP Command_3	1	75	4	3	90	0	200
4	1	4	Wake UP Command_4	1	75	4	6	100	0	200
5	1	5	Wake UP Command_5	1	234	4	4	3	0	200
6	2	1	Wake UP Command_1	1	75	4	1	0	0	200
7	2	2	Wake UP Command_2	1	75	4	2	0	0	200
8	2	3	Wake UP Command_3	1	75	4	3	0	0	200
9	2	4	Wake UP Command_4	1	75	4	6	0	0	200
10	2	5	Wake UP Command_5	1	234	4	4	4	0	200
11	1	6	Wake UP Command_6 turn on AC	1	20	10	3	1	0	200
12	1	6	Wake UP Command_6 turn off AC	1	20	10	3	0	0	200

ScenesID: Seted in table Scenes, here use it to mark which scene this command owned.

SequenceNo: The sequence of commands.

Remark: Explain of this command

SubnetID: The subnetID of the device which this command will control

DeviceID: The DeviceID of the device which this command will control

CommandTypeID: See the commandTypeID definition below

FirstParameter & SecondParameter & ThirdParameter See the commandTypeID definition below

DelayMillisecondAfterSend: Delay after this command has been sent

Unit=millisecond

### ConmandTypeID Definition

Command TypeID	Command Type Name	Remark	FirstParameter	SecondParameter	ThirdParameter
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 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	Broadcast 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 you are 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		Panel control for A/C		
			FirstParameter	SecondParameter	ThirdParameter

(TypeID)	(Value)	
0=(invalid)	0	0
1=(enable/disable IR receive function of DLP)	0: (disable) 1: (enable)	0
3=(Power on/off A/C)	0: (power off) 1: (power on)	0
4=(cool Set point)	0-30 c 32-86F	0
5=(FAN Speed)	0: (auto) 1: (High) 2: (Medium) 3: (low)	0
6=(AC mode)	0: (Cool) 1: (Heat) 2: (FAN) 3: ( Auto)	0
7=(Heat set point)	0-30 c 32-86F	
8=(Auto Set point)	0-30 c 32-86F	
Invoking DDP Button	18	1 byte DDP button number Scope 1-32 1 = left of the first button of Pag1 from top to bottom 2 = right of the first button of Pag1 from top to bottom 3 = left of the second button from top to bottom of Pag1 4 = 2R P1 , 5 = 3L P1, 6 = 3R P1, 7 = 4L P1, 8 = 4R P1; 9 = 1L P2, 10 = 1R P2, 11 = 2L P2, 12 = 2R P2, 13 = 3L P2, 14 = 3R P2 ..... 32 = right of the

					fourth button of Pag4
			Turn on/off all AC controlled by one DDP	18	33 Has one more byte,(0=All off;1=All on)
			Go to Page	0x16	Page No 1-7
11	Security Mode control		Zone no ( 1-8)	Mode No 1: vacation 2: away 3: night 4: Night with guest 5: Day 6: Disarm	Unused (set 0)
12	Security Alarm		Zone no (1-8)	<b>Alarm No</b> 1: vacation 2: Away 4: Night 8: Night with guest 16: Day 32: Siren 64: Power  128: Temperature  256: Fire 512: Gas 1024: Panic 2048: Emergency  4096: Current	Unused (set 0)
18	Z-Audio		Z-Audio		
			FirstParameter (Type ID)	SecondParameter (Value)	ThirdParamet er

			1=Music Source	Music Source No SD card =1 Audio In =2 FTP Server =3 FM Radio =4	N/A
			3=Song List / Radio List Control	<b>Type of list    Control</b> PREV. Song List =1 Next Song List=2 Specify Song List No=3 PREV Radio Channel=4 Next Radio Channel =5 Specify Radio No=6	Song List No / Radio No (only available when Second Parameter is equal 3 or 6)
			4=Play Control	Previous Song=1 Next Song=2 Play=3 Stop=4	N/A
			5=Volume Control	Percentage of VOL (0~ 100, 100% is max. VOL, 0 is mute)	N/A
			6=Specify Song Control	Song List No (1byte,0-255, Song List No 0 is for alarm voice)	<b>Song No</b> (1 – 999 )

## 5 AC

On the settings page , set the SubnetID DeviceID DDP & IR of the AC control model you used.



## 6 HouseKeeping & VIP

On the settings page , set the SubnetID DeviceID DoorBell & CardHolder you used.

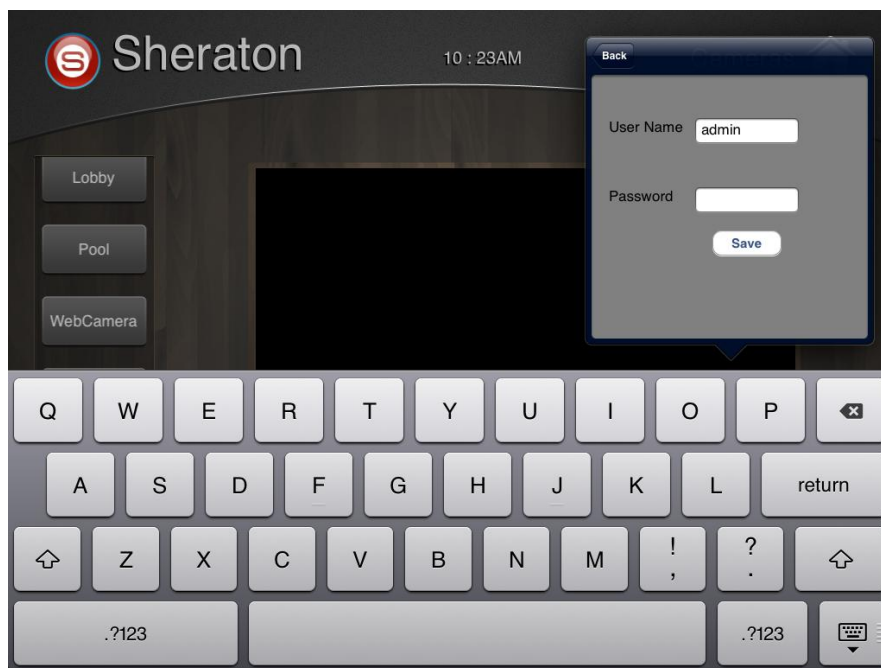


## 7 Alarm Clock



## 8 Camera

- >Select the Settings button
- >Select the Search Cammeras button on top
- >Waiting few minutes, there will show Foscam camera list,
- >Find the camera your want to control in this room,select the button on the table cell.
- >Input the user name and password ,saved



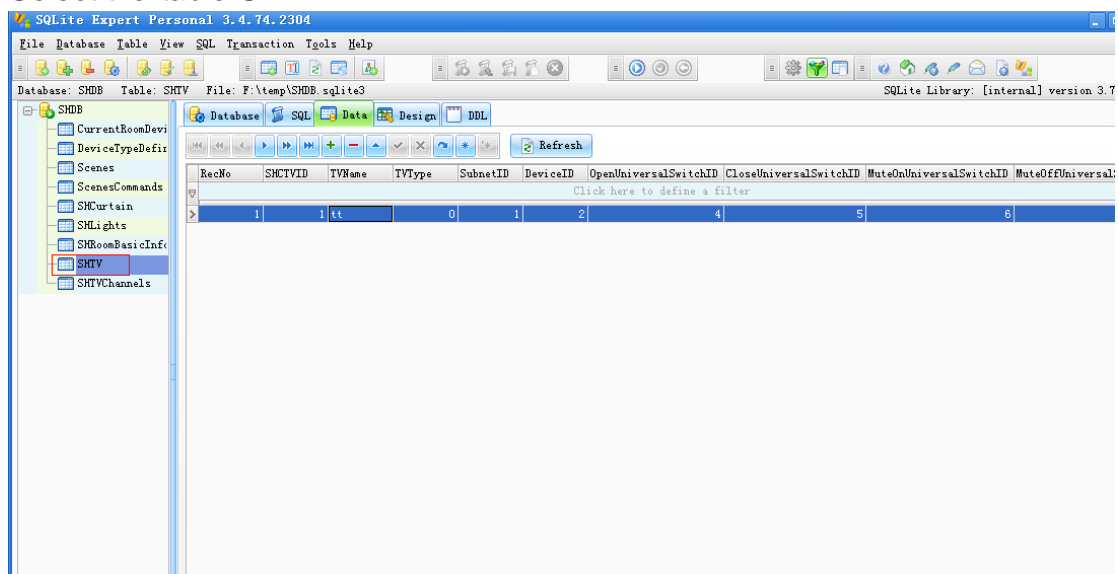




## 9 TV

### 9.1 TV Basic settings

Select the table SHTV



The explains of items are below:

SHCTVID: ID of TV(Reserved)

TVName: Name of TV (Reserved)

TVType:Type of TV(Reserved)

SubnetID: The subnetID of IR which used to control TV

DeviceID: The DeviceID of IR which used to control TV

OpenUniversalSwitchID:The IR number of open TV

CloseUniversalSwitchID:The IR number of close TV

MuteUniversalSwitchID:The IR number of mute

VolUpUniversalSwitchID:IR number of turn up voice

VolDownUniversalSwitchID:IR number of turn down voice

ChannelUpUniversalSwitchID:IR number of previous channel

ChannelDownUniversalSwitchID:IR number of nest channel

OKUniversalSwitchID:IR number of OK button and send button

UniversalSwitchIDFor1:IR number of 1

UniversalSwitchIDFor2:IR number of 2

UniversalSwitchIDFor3:IR number of 3

UniversalSwitchIDFor4:IR number of 4

UniversalSwitchIDFor5:IR number of 5

UniversalSwitchIDFor6:IR number of 6

UniversalSwitchIDFor7:IR number of 7

UniversalSwitchIDFor8:IR number of 8

UniversalSwitchIDFor9:IR number of 9

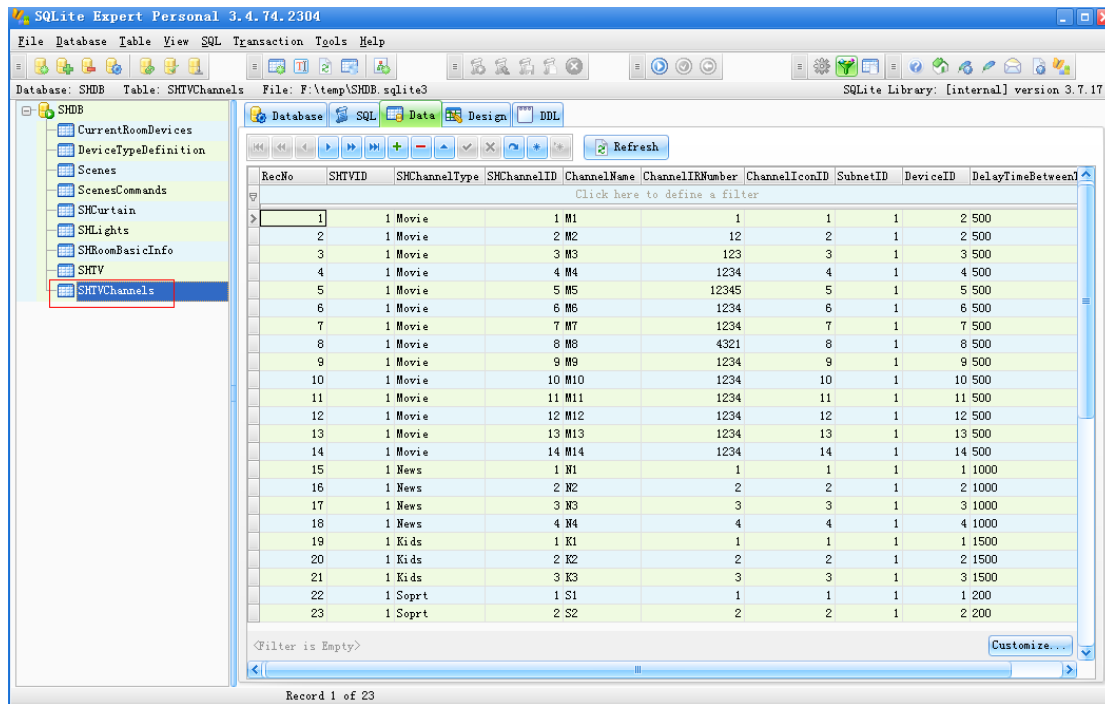
UniversalSwitchIDFor0:IR number of 0

OpenIrMacroNo:IR Macro number of open TV (Reserved)

CloseIrMacroNo:IR Macro number of close TV (Reserved)

## 9.2 TV channels Settings

Select table SHTVChannels



SQLite Expert Personal 3.4.74.2304

Database: SHDB Table: SHTVChannels File: F:\temp\SHDB.sqlite3 SQLite Library: [internal] version 3.7.17

RecNo	SHTVID	SHChannelType	SHChannelID	ChannelName	ChannelIRNumber	ChannelIconID	SubnetID	DeviceID	DelayTimeBetween
1	1	Movie	1 M1		1	1	1	1	2 500
2	1	Movie	2 M2		12	2	1	1	2 500
3	1	Movie	3 M3		123	3	1	1	3 500
4	1	Movie	4 M4		1234	4	1	1	4 500
5	1	Movie	5 M5		12345	5	1	1	5 500
6	1	Movie	6 M6		1234	6	1	1	6 500
7	1	Movie	7 M7		1234	7	1	1	7 500
8	1	Movie	8 M8		4321	8	1	1	8 500
9	1	Movie	9 M9		1234	9	1	1	9 500
10	1	Movie	10 M10		1234	10	1	1	10 500
11	1	Movie	11 M11		1234	11	1	1	11 500
12	1	Movie	12 M12		1234	12	1	1	12 500
13	1	Movie	13 M13		1234	13	1	1	13 500
14	1	Movie	14 M14		1234	14	1	1	14 500
15	1	News	1 N1		1	1	1	1	1 1000
16	1	News	2 N2		2	2	1	1	2 1000
17	1	News	3 N3		3	3	1	1	3 1000
18	1	News	4 N4		4	4	1	1	4 1000
19	1	Kids	1 K1		1	1	1	1	1 1500
20	1	Kids	2 K2		2	2	1	1	2 1500
21	1	Kids	3 K3		3	3	1	1	3 1500
22	1	Soprt	1 S1		1	1	1	1	1 200
23	1	Soprt	2 S2		2	2	1	1	2 200

Record 1 of 23

The explains of items are below:

SHTVID: ID of TV (Reserved)

SHChannelType: Name of category show on TV page,The channels which have same SHChannelType will be sorted into one category.

SHChannelID: ID of channel.

ChannelName:Name of channel show on TV page.

ChannelIRNumber:The number of current channel.

ChannelIconID:To mark different icon of channel,if many channel use the same number in one category,the many channel will use the icon .

SubnetID:Subnet ID of the IR which used to control the TV

DeviceID:Device ID of the IR which used to control the TV.



## 9.3 Icon of channels settings

Long time pressed the channel button, you can set the icon



## 10 Curtain

Select the table SHCurtain

The screenshot shows the SQLite Expert Personal 3.4.74.2304 interface. The left pane displays the database structure with 'SHCurtain' selected. The right pane shows the data for the 'SHCurtain' table, which has 4 records. The table columns are: RecNo, SHCurtainID, CurtainName, CurtainType, SubnetID, DeviceID, OpenChannelNO, CloseChannelNO, StopChannelNO, and RelayTimeS.

RecNo	SHCurtainID	CurtainName	CurtainType	SubnetID	DeviceID	OpenChannelNO	CloseChannelNO	StopChannelNO	RelayTimeS
1	1	Left	1	1	75	1	2	3	1
2	2	Right	0	1	75	3	4	3	2
3	3	Middle	1	1	75	7	8	3	3
4	4	Here	0	1	75	6	7	3	4

The explains of items are below:

SHCurtainID:ID of curtain control unit

CurtainName:Name of curtain control unit

CurtainType:Type of Curtain control unit.(Reserved)

SubnetID:Subnet ID of the device which used to control curtain.

DeviceID:Device ID of the device which used to control curtain.

OpenChannelNO: The channel number for open curtain of the control model

CloseChannelNO: The channel number for close curtain of the control model

StopChannelNO: The channel number for stop curtain of the control model, no use now. if you want to stop just press the button you pressed before.

RelayTimes:The time of curtain from whole closed to whole open. It according to different curtain. unit is second.



How to use of percentage from open to close

The percentage is used to count the time of curtain from open to closed.

The time is set in database

Eg.: if the time you set 10s, if you select open the curtain, the channel for opening will be opened, after 10s the channel for opening will be closed.

