2013

Programming Manual SMS V2.2





Interface of SMS module (SB-SMS-FL)



Work flow





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Before you begin this course

Before you begin this course, you should have:

- Understand the basic bus Diagram Connection Topology
- Understand the Lighting and HVAC Connections Diagram
- Basic Knowledge about IP setting. (please see 2-2)
- Basic Knowledge of using Windows operating system.
- Basic Knowledge of using Windows Painter.

Prerequisites

Either

- Products overview course.
- Installation Course.

How this course is organized

Lighting and DDP Programming Guide Course Organized in Simple way of

Product overview, Example Picture, (Notices) , (RAdvices),



For Training Course Request Please apply online <u>www.smarthomebus.com</u>

1- Introduction

Welcome to S-BUS manual Programming Guide, you are now a Beginner Programmer who well know soon how the S-bus Programming is simple.

1-1 Objective:

After this course you will be able to program the Lights Dimmers ad relays with the switches Panel, Program curtain shades control, program the Air condition setting and DDP panel, Security control, SMS reports, and start with Motion sensor and Automate your Project and many more...

1-2 S-Bus products:

S-BUS Products is vary with its powerful and multi functions, it have the high power dimmer and relay, Curtain, DMX and LED controller, Wall switches and Dynamic Display Panel "DDP", HVAC2 Air condition control and different type of sensors, like Motion sensor, light intensity sensor, Ultrasonic sensor, Dry input sensor, Analog input, current sensor, Power meter, Infrared receivers and transmitter, Security and Automation, Audio Module, Security Module, Rs232, Programming and integrations Module

2- Start Programming

In smart home G4 there are two ways For Programming:

- 📕 Manual Way (For Basic Programming).
- Pc /Laptop Way (For Basic and Advanced Programming).

2-1 S-Bus Programming Software overview

You need on this lesson: to have your computer with you. Running on windows Operating system, Smart Cloud **G4** software, Programming port SB-DN-1IP, that enable you to search for all the devices that connected to the bus network.

1- Install your S-bus configuration software in your Computer by pressing the **Setup** icon and follow the installation steps windows

2- Plug in your Ethernet cable (Rj45) in your pc and the other end in the **RSIP** module or **Zaduio** module then **Set** your computer IP Address, for example

IP	192.168. <mark>10</mark> .115
Subnet	255.255.255.0
Getaway	192.168. <mark>10</mark> .1







3- Run your S-bus smart cloud Software



4- The Password window will open, type the default password is user

OK Ca

Username	user	
Password	****	
Smart-BUS (R) Smart-	Cloud (R) Smart-Mesh (R) Smartho	me (R) are all
Registered Trade Mar	ks and Intellectual Property of Smar	rt-Group (R).
The (C) SBUS protoco	I is patented to Smart-Group(R) Re	gistered under
Patent No' 201110123	081.0 All Intellectual Properties are	copy righted and
must not be claimed n	or implied to be otherwise related to	o any other
Using this Software o	r any of the Hardware that carry	
Smart-BUS/Cloud Prot	ocol is a complete acceptance to	
as all terms and condi	tions set or to be set by	
Smart-Group without	liability whatsoever on the	
Smart-Group or any o	f their partners or subsidiaries.	
Only If you fully under	stand and accept, then kindly	
Press (Accept) othe	rwise Press (cancel) to exit.	



OK Cancel

5- Your software will start

Smart C	Cloud Configuration	n Software V13.56	i (C) Smar	tHome-Group (R) www.smar	thomebus.com	100		×
Configure ((C) Address(A)	Pairing(P) Devic	ces (D) Test(T) Lan	guage(L) Backup(B) Deve	lopers(F9) Users(U) Other(O) Hotel Help (H)		
9 X	🖹 🗳 👌	■ 💥 🖾	🖲 🔒 🗧 🖲	> 11 💀 @ 🕼 💈	l 📑 🕫 📔 🚵 🖄 🗮 🖗 😪 🖬			
ON-line de	evices							
Status	Subnet ID	Device ID	Model	Remark	Description			
				m		•		
_	Active Link Via:Ef	thernet			Current IP:192.168.10.115	Total Devices:0	Best Viewed at 1024x768 Resolution	n
1		a 🕹	o 🔹	🖉 🦪 🧕		PLACE TO A	EN 🔺 📑 🙀 🌒 11:47	ا ص

6- You can see your current IP on the footer of the software as 192.168.10.115 then your IP setting is ok.

		•					
	Current IP:192.168.10.115	Fotal Devic	s:0	Be	st Vie	wed at	1024x768 F
6	Clarki widdiad			EN	-	8	<u>.</u>

Set your computer IP setting before starting the S-BUS Smart Cloud.

You should always reset your Module every time you change the IP Address in order the new setting to be Active.

After you set your Module IP Address now you should connect the module to Your Computer Network in order to communicate. The connection can be in two ways

1- Connect the 1Port IP/RSIP Module to the HUB or Data Switch and connect your Computer to the same data Switch as standard straight cable Network wiring.



2- Without using the HUB or data switch you can use the cross cable to connect your computer directly to the IP Module, see the next cross wiring diagram of TIA/EIA 568B crossed wiring



You can use the Line command **Ping** to check your connection. On your Computer, Go to start/ Run/ CMD then type Ping 192.168.10.xxx If you see the following results similar to this Picture then your connection is successful



Always the Programmer should carry with his programming kit the cross cable for programming without needs of the Data Switch or HUB.



2-2 S-bus Smart cloud Software basic setting

Configure



• 1 - Connection

You can change between Ethernet Connection and Serial Port connection,

the Serial Port connection is old, slow and no longer use. Always Keep the setting on Ethernet connection

Connection	
Connection type	
Local IP	🥪 🍥 Ethernet 🚽
 Automatic 	Manual
IP:	•
	F Save 🌒 Exit

Also you can choose between **obtain Local IP Automatically** (Default), or to **input local IP Manually**.

Input local IP manually you can use it for example, if you are using in your laptop or computer Wireless and wired Network with different IP setting, and you want to choose the right one of it for programming, and don't want your S-bus software to detect your other IP address Automatically.



• 2- Software Subnet ID

The S-bus configuration software have fixed Device ID (254), but you can change its subnet ID only, the default software subnet is (Default = 254)

The software default subnet ID address is 254, Device ID 254, this address must be <u>unique</u>, in case other Device has the same address you will not be able to find that Device unless you change the Subnet of the software.

• **3**- Subnet Filter List:

Here you can filter your subnet ID's that mean you can add more ranges if you have more than 254 devicess so you can add another subnet ID

• 4- Devices On-Line test

You can Deactivate or activate the auto test of Online devices (Activate is Default).

• 5- Load type

You can add some Remarks to your Load type to use it as reference and print it out later on the excel sheet.

<u>Address</u>

Here you can search for the Device Addresses and load the Network and solve any conflict in the address. (For more Information see 3-2)

<u>Pairing</u>

You can enable pairing or disable either for one device or for all devices, disable meaning you can't program S-bus modules in manual anymore until you enable it again.

<u>Devices</u>

You can go here directly to Devices setting Categorized by type

<u>Test</u>

This is important Function to check your Lights Circuit by flashing the lights ON/OFF and then you can give it name (for more information see 3-3 section).

<u>Language</u>

You can change the Language between English and Chinese, and other Languages

<u>Backup</u>

Important to backup and restore your Devices address and setting.

- For Backup: put the subnet and device ID for desire device , choose the location for the backup file then click "Start backup" ,
- For Restore: put the subnet and device ID for desire device, choose the backup which you already made then click "Restore".

Device Backup Target Addess	Device Restore Device Addess to Restore
Subnet ID: Device ID:	Subnet ID: 1 Device ID: 250
Desired Location to save Backup file	Restore file location Select
Start Backup Stop backup	Restore

2-3 Devices address and Search:

Each of S-bus Devices must have its own Address in the Network, the Address for each Device consist of 2 parts:

Subnet ID

✤ Device ID

The subnet ID can be from 0 - 254

And the Device ID can be from 1 - 254

So you can put up to 65024 Deferent Devices in the same network with deferent subnet and device ID Address

For example one of Dimmer Module Address is (Subnet 1, Device ID 5)

There is 5 ways to Search for the Devices in the Smart cloud Software

- 1- Fast Search
- 2- Advanced Search
- 3- Manually Search
- 4- Broadcast Address Device Search
- 5- Solve Conflict address search

Fast Search

The Fast search is very useful tools to test your communication and search your devices Fast , the Fast search take around 2-15 seconds to finish load the devices information in your network.

Smart Cloud	ł
Configure (C)	
Scan e devices	
Status	

- Click on the Scan button
- Click on the Fast search Button
- Click add all



- Click Exit to exit the Window



Fast search can't load all the Network Devices, it is only load part of the devices, it is only good for small project that contain around 10 devices, and to check the network communication with your PC.

Advanced Search

The Advanced Search is a powerful tool for searching your Devices in the network. You can set the Subnet ID you like to search on it and select the range of device ID you want to search for.

Advanced search take 0.3 seconds for each device to load and total of 80 seconds to finish the search and load for 255 devices totally in each subnet.

- Click on the Online Search button
- Go to **advanced search**, put the subnet ID and the range of device ID search

Fast Sea	arch:	Q Subset ID:	255	Device ID	1	To 254		Subnet	Add all
Manually	Add:	Subnet ID:	1 2 3	Device ID:			Add	Stop Search	Exit
otal Devices: Current on-li	0 ne devices		4 5 255						
Status	Subnet ID	Device ID	Mode			Remark		Description	

- Click search ICON
- Click ADD ALL after the search finish
- Click Exit to exit from the window
- click stop to stop the search
- Click subnet to add new subnet to the popup Menu subnet list

Use the Advanced Search Always as your standard way to Load the Devices in the Network to your computer before you program in any new project.



<u>Manual Search</u>

Manual Search is a very fast and useful way to add known Device ID and subnet to your network

Manually Add:	Subset ID:	Device D:	- Add
manually Add.	Subilet ID.	Device ID.	- Aud

- Type the subnet and device ID that you know
- Click ADD
- Exit the Menu

Broadcast Address Device Search

This tool is important when you add new devices or you start your new Project installation, many devices could have the same Address or the communication is not yet tested, this tool is important to check the communication between your device and the bus network and to change its initial address in the first time installation.

Configure (C	Address(A)	Pairing(P) D	evices (D)	Test(T)
	Manage	device addressi	ng(M)	Ctrl+D
		ie accession(e)m		
ON-line dev	ices			
ON-line dev Status	Subnet ID	Device ID	Mod	el
ON-line dev	Subnet ID	Device ID 25	Mod SB-I	el DDP

- On your software Click Address then broadcast detection
- Go to your device like Dimmer / Relay / sensor or Panel and keep pressing the broadcast Address button for 2 ~ 4seconds until the button LED color change to RED.
- In your software in the Broadcast Detection window click the **Detect Address** Button.
- Your Device ID and Subnet well appear automatically
- To change the address just type the new subnet ID or device ID you want then click **Save Address**
- Click **ADD to online device list** to load your device in the Devices Network List.
- Click Exit to Close the Window

1 (On the	Davias) Braza Baadaast uttas (Ka	on Continuus proceder 2.4	accorde) until LED (Color Change to DED	
i. (on the	Sevice) Freas Doddedat attoir (Re	ep continous pression 3-4	acconda) until EED (solor change to RED	
2. (Releas	your Finger if LED Red) Now you	u are in Device Broadcast I	Mode		
3. Click Or	"Detect Address" Button to locate	Device address			
4. Once D Address.	vice is Detected, you can Keep S After that can "Add to Online Dev Detect A Subnet ID 1	ettings, or can Modify as N ice List") Address Device ID 250	leeded then Save	ave Address	
		vices List		Exit	

Solve Conflict address search

This type of search used to solve the conflict address, for example if 2 devices have the same address, then you can easily change the address of it without the need of disconnecting its wires from the network.

- Click Address or click the Address Shortcut icon

255	~				
ch Result		<u> </u>	Cancel	Subnet Filter	ave search result
	Subnet D	Device ID	Model	Description	MAC
1	1	100	SB-RSIP-DN	Hybird Integration Link with IP	53.04.00.00.00.00.08.8E
,	1	55	SB-9in1T-Cl	nyere megraten bint mar n	53 12 00 00 00 01 51
-	4	20	68 000	DDB	53 02 00 00 00 00 02 EP
2 4	1	20	SB-DDP	Consult (Codets Manhalan Madula	53.03.00.00.00.00.03.EB
	1	10	SB-SEC2DUK-DN	Security/safety wontoring wodule	00.00.00.00.00.00
,	1	15	58-5//5		53.12.00.00.00.00.01.53

- Select Subnet **255 (recommended)** or any desired subnet then click the search icon.
- Select the device you want to modify its address then click modify
 Address or double click on

 it
- New window will open, and then type the new Subnet ID and Device ID, then Click **Save**

ddress by MAC		
1	Device ID:	15
SB-SMS		
53.12.00.00.00.00.01.53		
by MAC		
	Device ID:	
	Save	Exit
	ddress by TAC 1 SB-SMS 53.12.00.00.00.00.01.53 by MAC	I Device ID: SB-SMS 53.12.00.00.00.01.53 by MAC



2-4 Steps of Basic Programming

The Basic Programming for Lighting Motor and HVAC of S-bus Products has procedure of Basic Steps as following

- A- Check the communication between your computer and the Bus
- B- Broadcast each Dimmer, Relay, Motor curtain HVAC control++ initial Address

C- Change the initial addresses to the desired one (kindly check 2.5 for addresses range).

- D- Give name of each Dimmer, Relay Module (Remark).
- E- Check each Lighting channel circuit if working and connected good
- F- Give name for each channel (remark).
- G- Make an excel sheet for all your Dimmers, relays, other module address and circuit name.
- H- Make Area for each Dimmer, Relay module if required .
- I- Make Scene and Sequence for each Module if required .
- J- Make safety power restore and delay time for scenes and safety as required.
- K- Check the curtain module gives it address and name.
- L- Set the channel name, the running time open and close running time.
- M- Give the switch (6 gangs) and panel (DDP) its addresses and Name.
- N- Assign the panel button to the corresponding scene or channel.
- O- Set the button graphic picture for the DDP for each button.
- P- Check the HVAC address give it address and name.
- Q-Set on off relay sequence.
- R- Set the VAV Voltage output if required.
- S- Set the safety HVAC running sequence T- assign the DDP Panel to its HVAC unit.
- U- Set the FAN speed, cool set point, type, adjust temperature sensor on the panel setting.
- V- Set the required graphic for AC, and panel basic setting
- W- Search for PIR motion sensor and give it address and name
- X- Set the sensitivity, way of triggering, motion, no movement delay and commands
- Y-connect the Z-audio 2 to the s-bus And address it
- Z-Test and enhance your programming.

Following the basic Programming steps procedure will save the programmers time and effort.



2-5 What is The Magic Line In our software ? :

In programming in all S-bus Modules you will find the same line with same fields that's why we called it "Magic Line " .

If you want to send any command you have to use this magic line.

unction no.	Subnet ID	t ID Device ID Type 50 Invalid so 11 Invalid so 255 Invalid so 255 Invalid so	Туре	Parameter 1	Parameter 2	Parameter 3
	1	50	Invalid switch 👻	1	2	N/A
2	10	11	Invalid switch	12	13	N/A
3	255	255	Invalid switch	255	255	N/A
1	255	255	Invalid switch	255	255	N/A
5	255	255	Invalid switch	255	255	N/A

If you notice the Command Line is contained of :

Function No. : indicated to Order/Function Number , the maximum order you can put is depend of the module .

Subnet ID : each device has subnet ID in our software you can put up to 254 subnet ID.

Device ID : additional to the Subnet ID also each device must has uniqe ID to avoid the conflict . and the range is 254.

Each Subnet ID can cover 254 devices and we have 254 subnet ID that means the total Number is 64516 devices.

Type : What type of order you want to send, if you notice in the following pic the system has many types depend on the module

Function no.	Subnet ID	Device ID	Туре	Parameter 1	Parameter 2	Parameter 3
1	1	50	Scene switch 👻	1	2	N/A
2	10	11	D Type Param Scene switch Invalid switch Scene switch Sequence switch Universal switch Single channel lighting Curtain switch SMS control Panel control Broadcast scene Broadcast channel Security module	12	13	N/A
3	255	255		255	255	N/A
4	255	255		255	255	N/A
5	255	255		255	255	N/A
			Broadcast scene Broadcast channel Security module Zone-Audio 2			



Parameter 1 ,Parameter 2 and Parameter 3 are related to "TYPE" field like this Table :

Function type	Parameter 1	Parameter 2	Parameter 3
Invalid	N/A	N/A	N/A
Scene Switch	Area Number	Scene Number	N/A
Sequence Switch	Area Number	Sequence Number	N/A
Universal Switch	Switch Number	ON / OFF	N/A
Single channel	Channel Number	Brightness 0-100%	Fade time 0S - 60 M
Curtain Switch	Switch Number	Stop / ON/ OFF	N/A
SMS	Message	Message SMS Number	N/A
Panel	Invalid	N/A	N/A
Panel	IR Receiver	ON / OFF	N/A
Panel	Lock	ON / OFF	N/A
Panel	AC Power	ON / OFF	N/A
Panel	AC Cooling	0-30 C , 32- 86F	N/A
Panel	ACFan Speed	Auto/high/med/slow	N/A
Panel	AC Mode	Auto/Cooling/Heating/FA	N/A
Panel	AC Heating	0-30 C , 32- 86F	N/A
Panel	Rise temp	0-30 C , 32- 86F	N/A
Panel	Reduse temp	1-5 C/F	N/A
Panel	LCD Backlit	ON / OFF	N/A
Panel	LCD status ligh	1~100	N/A
Panel	Floor heating power	ON / OFF	N/A
Panel	Floor heating mode	Normal-day-night -away	N/A
Panel	Goto page	1~7	N/A

Function type	unction typeParameter 1Parameter 2Parameter 3oadcast sceneAll AreasScene NumberN/Aoadcast sceneALL ChannelBrightness 0-100%Fade time 		
Broadcast scene	All Areas	Scene Number	N/A
Broadcast Channel	ALL Channel	Brightness 0-100%	Fade time 0S - 60 M
Security Module	Area Number	Arming Mode	N/A
Zone-audio 2	Source Control	SD Card/Audio In/FTP Server/FM Radio	N/A
Zone-audio 2	Play Mode	No Repeat/ Repeat Song/ Continued/ Repeat all	N/A
Zone-audio 2	Play List/Radio Channel	PREV Play List/Next Play ListSpecify Play List No/PREV	N/A
Zone-audio 2	Play Control	PREV Song/Next Song/Play/Stop	N/A
Zone-audio 2	Volume	VOL	0-100
ModuleJob Card/Audio In/FTP Server/FM RadioZone-audio 2Source ControlSD Card/Audio In/FTP Server/FM RadioZone-audio 2Play ModeNo Repeat/Repeat Song/ Continued/Repeat allN/AZone-audio 2Play List/Radio ChannelPREV Play List/Next Play ListSpecify Play List No/PREVN/AZone-audio 2Play ControlPREV Song/Next Song/Play/StopN/AZone-audio 2VolumeVOL0-100Zone-audio 2VolumeTREBLEReduce/increaseZone-audio 2VolumeBASSReduce/increase	Reduce/increase		
Zone-audio 2	Volume	BASS	Reduce/increase
Zone-audio 2	Play Specify Song	Folder No.	Song No.



3-SMS Module:

3-1 SMS Overview:

它是一个基于GSM通讯的一个自动化控制系统,可以连接到S-BUS,成为总线的一个分支,又可以做为第三 方产品供客户进行二次开发。独立的12V电源和内部3.7v电池,2路继电器和3路干结点,因此也可以单独使用。 在S-BUS总线控制系统中,4Z传感器,电压电流检测器(I/O模块)、Logic模块、安防模块、DDP等都可以 控制SMS模块发送报警短信给用户,同时可发给多个人员。发送短信给SMS模块控制总线上的设备,比如安 防布防,撤防等等。



Mcu and broadcast led:正常闪烁。

Battery LED:当外部电源接通时,黄色led常亮,当外部断电时,红灯led常亮,当电池剩余20%时,红色led以0.5HZ的频率闪烁(亮1s灭1s)。

GSM LED:插入SIM卡,并连接好天线,然后接通电源(电池开关和外部12VDC)。绿色的网络状态LED灯会闪烁,闪烁的频率为亮64ms灭800ms。如果你的SIM已插入并且是有效的SIM卡,约20秒左右绿色的LED网络状态指示灯闪烁频率将会变为亮64ms灭3000ms,表示已接入GSM 网络,并且已执行了模块初始化操作,这时可以正常使用。

蜂鸣器:电源切换、收发短信都会有蜂鸣提示音,其中开机8S后常响1S表示GSM通讯开始初始化。





3-2 基本设置:

SISTions Image: Control of the cont				
Device 1-15-	-SB-SMS			
General Send c	config Receive config Relay config Logic			
Device Address	\$		-Model picture	
Model	SB-SMS			
Subnet ID	1 Device ID	15		
-Device remark-				
Remark	Daniel	Save		
-MAC address-				
MAC	53, 12, 00, 00, 00, 00, 01, 53			
CSCA				
CSCA	+8613800769500	Read		
Save				
Subnet ID	Device ID	Save		Exit
L				



3-3 短信报告设置

短信报告组:设置在某种情况(比如电流过大或煤气泄漏等情况)时发送短信通知给用户人员。共可以设置24 组,每一组对应一种情况,共可设置24种情况。

短信发送目标:可收到短信通知的用户人员手机号码,共可设置10个手机号码。

手机号码规范:在发送短信配置中,例如"18929267996"和"+8618929267996"这两种都是正确的, 任意设置其中一种。

SESForm							
Device 1-15-SB-SM	s 🗸						
eneral Send config	Receive config Relay config Logic						
MS sequence from(1-2	24) 1 to 24 Read		Current sequ	ence: 1			
SMS sequence			-Phone num	bers in sequence			
Sequence No.	Remark	^	Sequence	Phone number	Enabled	SMS content	Remark
1	mood 1		1	18929267996	Valid	Romantic mode	RD phone number
2	mood 2		2	18680649564	Valid	Romantic mode	Daniel phone number
3	mood 3		3		Invalid		
4	mood 4		4	8	Invalid		
5			5		Invalid		
6			6		Invalid		
7			7		Invalid		
8			8		Invalid		
9			9		Invalid		
10			10		Invalid		
11			-				
12							
13							
14							
15							
16							
17							
18							
19		-					

其他控制器(Security、4Z、9in1、DDP等等)设置如下图:

ata acquisition	mode:	Device	Model:	SB-SE	C250K-DN	
neral- ata acquisition mode: Device Model ubnet ID: 1 Device emark SEURITY1 Curre- urrent group 1 Modify subnet ID synchronously Modify device ID synchronously Modify type synchronously Modify type synchronously Modify type synchronously Modify 1 15 SMS Control 1 15 SMS Control 1 15 SMS Control 1 0 0 0 Invalid 3 0 0 0 Invalid 3 0 0 0 Invalid 5 0 0 0 Invalid 5 0 0 0 Invalid 6 0 0 0 Invalid 1 0 0 0 Invalid		Device ID:	10			
lemark	SEURITY1		Current butto	n No. 1		
urrent group	1					
Aodify subnet	t ID synchroi	nously		Modify the	e intensity synd	hronously
Aodify device	ID synchron	ously		Modify pa	rameter 3 sync	hronously
Hodify type s	vnchronous	v				
		-				
Command NO	Subnet ID	Device ID	Туре	Parameter 1	Parameter 2	Parameter 3
	6	15	SMS Control 🗸	Message 🖌 🗸	1	N/A
2	0	0	Invalid	1	255	N/A
3	0	0	Invalid	1	255	N/A
4	0	0	Invalid	1	255	N/A
5	0	à	Invalid	1	255	N/A
6	0	0	Invalid	1	255	N/A
7	0	0	Invalid	1	255	N/A
8	0	0	Invalid	1	255	N/A
9	0	0	Invalid	1	255	N/A
10	0	0	Invalid	1	255	N/A
		Ac	ldr of SMS mo	odule		

3-4 短信控制配置:

	-3	mo sequen	CB	
		Sequence	Remark	SMS content
容		1	mood 1	Audio & light

选择组号,如选择1组,双击后可输入备注和短信内:

允许**10**个手机号码对设置的设备进行短信控制,点击右侧的^{Phone numbers},在下面输入手机号码。 接收的短信内容和配置的短信内容完全符合&&手机号核实无误=→便可控制设置的设备

▲ 注意:手机号码规范:在短信控制配置中,例如"18929267996"和"+8618929267996"这两种只有一 种是正确的,也可以把这两种形式都配置出来,可以达到同样的效果,具体情况根据各个国家的实际 情况而定。

例如:SMS安装的是"中国联通SIM卡",正确的配置形式为:"18929267996" 例如:SMS安装的是"中国移动SIM卡",正确的配置形式为:"+8618929267996"

其中 "+86 "是中国ID在短信编码中的形式。

-Phone numbers in sequence

	Sequence No.	Phone number	Remark
	1	+8618929267996	RD phone number
	2	+8618680649564	for Daniel

示例中SMS模块是用"中国移动SIM卡"演示的,所以关于短信接收部分都加 了"+86"

SESFor						
Device 1-	-15-SB-SMS	~				
eneral Se	nd config Receive	e config Relay config Logic				
MS sequen	ce from(1-40) 1	to 5 Read	Current sequence	< 1		
SMS seque	nce	CHC analysis	Phone numbers	Commands		
1 Sequence	mood 1	Audio & light	-Phone numbers	s in sequence		
2	mood 2		Sequence No	. Phone number	Remark	
2	mood 2	party	1	+8618929267996	RD phone number	
3	mood 4		2	+8618680649564	for Daniel	
-	mood 4		3			
2			4			
			5			
			6			
			7			
			8			
			9			
			10			



ISFor	20 2 3										
а п											
evice [1	1-15-SB-SMS	×									
eral Se	end config Receive	e config Relay config Logic									
S sequer	nce from(1-40) 1	to 40 Read	(Current sequend	ce: 1						
IS sequ	ence			Phone numbers	s Comman	ids					
Sequenc	e Remark	SMS content	^	- A-							
l,	mood 1	Audio & light		Command NO	from(132)	1 to	32 R	ead			
2	mood 2	party		-Target inform	ation of the	current state o	of the current switch				
3	mood 3			Command N	Subnet ID	Device ID	Туре	Parameter 1	Parameter 2	Parameter 3	^
ŧ.	mood 4			1	1	4	Single channel light	1(Channel no.)	100(Intensity %)	0:0(Running ti	
				2	1	4	Single channel light	12(Channel no.)	100(Intensity %)	0:0(Running ti	n
				3	1	201	Zone-Audio 2	Play Control	Play		
0				4	255	255	Invalid	255	255		
3				5	255	255	Invalid	255	255		
9				6	255	255	Invalid	255	255		
10				7	255	255	Invalid	255	255		
11				8	255	255	Invalid	255	255		
12				9	255	255	Invalid	255	255		
13				10	255	255	Invalid	255	255		
4				11	255	255	Invalid	255	255		
5				12	255	255	Invalid	255	255		
16				13	255	255	Invalid	255	255		
17				14	255	255	Invalid	255	255		
18				15	255	255	Invalid	255	255		~
19			-						1	>	

3-5 内置继电器控制

eral Send config Receive config Relay config Logic tige Setup Allow phone call control relay 1 Image: Allow SMS control relay 2 Check phone number in phone list when phone call. Otherwise control relay 1 directly Image: Check phone number in phone list when received SMS. Otherwis control relay 1 directly elay1 delay time Image: Check phone number in phone list when received SMS. Otherwise control relay 1 directly Image: Check phone number in phone list when received SMS. Otherwise control relay 1 directly elay1 delay time Image: Check phone number in phone list when received SMS. Otherwise control relay 1 directly Image: Check phone number in phone list when received SMS. Otherwise control relay 1 directly elay1 delay time Image: Check phone number in phone list when received SMS. Otherwise control relay 1 directly Image: Check phone number in phone list when received SMS. Otherwise control relay 1 directly elay1 delay time Image: Check phone number in phone list when received SMS. Otherwise control relay 1 directly Image: Check phone number in phone list when received SMS. Otherwise control relay 1 directly tone numbers from(1-99) Image: Check phone number in phone list method Image: Check phone number in phone list method tone numbers Check phone number in phone list method Image: Check phone number in phone list method tone numbers Check phone number in phone list method <	ay 2 directly
ge Setup Allow phone call control relay 1 Check phone number in phone list when phone call. Otherwise control relay 1 directly I check phone number in phone list when phone call. Otherwise control relay 1 directly I check phone number in phone list when phone call. Otherwise control relay 1 directly I check phone number in phone list when received SMS. Otherwise control relay 1 directly I check phone number in phone list when received SMS. Otherwise control relay 1 directly I check phone numbers from(1-99) I to	ay 2 directly
Allow phone call control relay 1 Check phone number in phone list when phone call. Otherwise control relay 1 directly Check phone number in phone list when phone call. Otherwise control relay 1 directly Check phone number in phone list when received SMS. Otherwise control relay Relay2 delay time Coll control relay Check phone numbers Coll control relay 1 Check phone numbers Coll control relay 2 Check phone numbers Check	ay 2 directly Save
Check phone number in phone list when phone call. Otherwise control relay 1 directly Check phone number in phone list when received SMS. Otherwise control relay 1 directly Relay2 delay time iay1 delay time one numbers One numbers One numbers One numbers <td>ay 2 directly Save</td>	ay 2 directly Save
Hay1 delay time 0 () : 0 () : 5 () SMS content Romantic one numbers from(1-99) 1 to 10 Read	Save
SMS content Romantic	Save
one numbers from(1-99) 1 to 10 Read	
one numbers from(1-99) 1 to 10 Read	
Call et ableu (Relay 1) Sins et auleu (Relay 2) Remark	
sequence no. Phone humber Canenabled(Relay 1) Sins enabled(Relay 2) Remark	
18680649564 Valid Invalid	
1-8618680649564 Invalid Valid	
Invalid Invalid	



▲打电话控制继电器1,发短信控制继电器2。
最多可设置99个手机号码,如果核对号码不使能,那么任意一个号码都会开继电器,如下图

Check phone number in phone list when phone call. Otherwise control relay 1 directly

▲注意:在继电器控制的配置中,打电话控制继电器1的手机号码不能加国家ID, 如"18680649564",发短信控制继电器2的手机号码形式和"3-4 短信控制"说法一样,参照 上面,如"18680649564"或"+8618680649564"。

▲ 值得注意的是:在继电器配置这一项中,如果打电话和发短信得到的手机号形式是一样的,配置一个就可以了,如下图。如果不一样就要按照上图的方法,具体情况按照每个国家 SIM卡的实际情况来确定。

Sequence No.	Phone number	Call enabled(Relay 1)	SMS enabled(Relay 2)	Remark
1 <	18680649564	Valid (Valid	
2		Invalid	Invalid	

下图是继电器延时关闭的时间设置,可用做GSM门控制。

Relay1 delay time	0		:	0		:	5		
-------------------	---	--	---	---	--	---	---	--	--

Relay2 delay time 0	:	0 🌔	:	5]
---------------------	---	-----	---	---	---

3-6 Logic 配置

3路干结点,可连接门磁开关、煤气传感器等等。

	g ricky coning Logic	
pic No. from(1-32) 1 to 10 ogic Current logic No Remark	Read	Current logic No. 1
1 2 3 4 5 6 7 8 6 7 8	Valid Invalid Invalid Invalid Invalid Invalid Invalid	Modify logic enabled Orricated And Image: Dry contact 1 Connected Image: Dry contact 2 Dry contact 1 Connected Image: Dry contact 1 Image: Dry contact 1 Image: Dry contact 1 Image: Dry contact 1 Image: Dry contact 1 Image: Dry contact 1 Image: Dry contact 2 Image: Dry contact 1 Image: Dry contact 2 Image: Dry contact 2 Image: Dry contact 2 Image: Dry contact 2 Image: Dry contact 2
10	Invalid	Current Status Current 2 disconnected Dry contact 3 disconnected Dry contact 3 disconnected



这是3路干结点外部输入激活选项,打勾保存后,就激活成功。

Dry contact enabled	
Dry Contact 1	
Dry Contact 2	
Dry Contact 3	
Save	

这是每个逻辑的输入条件使能、输入条件、输入条件成立后的延时时间设置。



这是干结点输入条件成立后将要控制的设备设置。

TOUTLY CO 1	ands					
General						
Data acquisition	mode:	Device	Model:	SB-	SMS	
Subnet ID:	1		Device ID:	15		
Remark	Daniel		Current button	1 No. 1		
] Modify subne	t ID synchro	nously		Modify	the intensity synch	ronously
Modify device	ID synchron	nously		Modify	parameter 3 synchi	ronously
Modify type s	ynchronous	ly .				
Edit commands-						
Command NO	Subnet ID	Device ID	Туре	Parameter 1	Parameter 2	Parameter 3
1	1	4	Single channel lighting	1(Channel no.)	100(Intensity %)	0:0(Running time(mm:ss)
2	1	4	Single channel lighting	2(Channel no.)	100(Intensity %)	0:0(Running time(mm:ss)
3	1	201	Zone-Audio 2	Play Control	Play	
4	255	255	Invalid	255	255	
5	255	255	Invalid	255	255	
6	255	255	Invalid	255	255	
7	255	255	Invalid	255	255	
8	255	255	Invalid	255	255	
9	255	255	Invalid	255	255	
10	255	255	Invalid	255	255	



Advanced Sms Controller

Application example

Security module:
 set targets(lamp/z-audio) for enter buzzer, exit buzze
 alarm buzzer, indoor/outdoor siren, sms command;
 enable area 1;
 Security function programming of 8in1 sensor:
 select area 1
 select mode: other security level
 enable: AWAY/DAY/NIGHT/VACATION
 enable: Delay

3. Set Away/Day/Night/Disarm security mode in DDP

