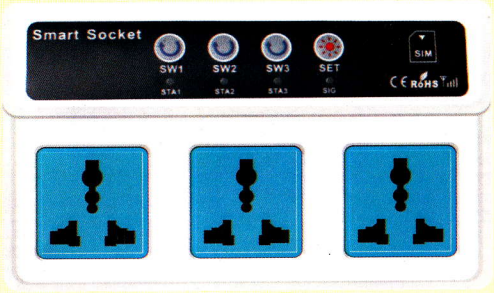
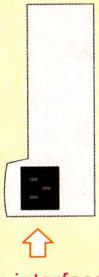
SC3-GSM
SC3-GSMT Instruction

Ⅰ.Overview:

Picture 1



Picture 2

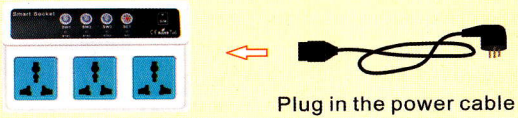


power interface

SW button	Control switch state,the state overturned after press
SETbutton	Press the SET button , you can manually set the conrtol numbers
STA Indicator	The current status indicator, if the state is connected, lights , and if status is disconnected, the lamp
SIG Indicator	GSM signal light ,flash four seconds to enter the GSM network

Ⅱ.Options:

1.The power card plug in interface



Plug in the power cable

2.Insert SIM card

Insert SIM card

⚠ installed your SIM card before power on,non-installed SIM card after power on, short initialization time (30seconds)after power on,related operations after initialization.all switchis disconnected by default.

3.Connect the power supply

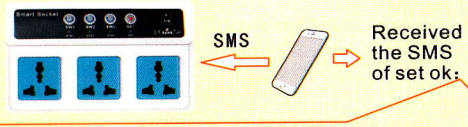
Observe the SIG lights on the panel(the start is 1 second flash), when flash becomes 4seconds,the proof has entered the GSM network,Then you can set and control the associatde operation.

4.Set password

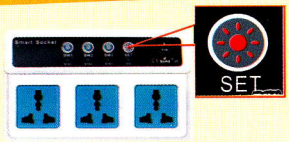
Must set up the user password first,GSM switch initila password is:000000.Password contents 0-9 Arabic numerals (not letters orsymbols,otherwise it will prompt an error),Set password command format:"SN+six old password+NEW+ six new password."Forexample,customers want set their password to:"123456",then he should edit the messagecontent:"SN000000NEW123456"issued to GSM switch, if you set successfully ,you will receive the message: "NEW SN SETOK NEW SN IS123456(New password)."The password with the power-down memory function.

5.Set master number(can set up10groups):

There are two ways to set the master number: one is through SMS settings,the other is through the SET button



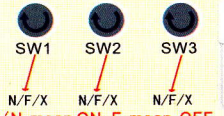
For example, passwords is 123456, customers want to set 13788889999 to be master number,and then edit the message content: "SN123456SET13788889999" issued to GSM switch, if you set successfully will receive a message: "13788889999SETOK". Only the master number can Dial into the socket and control Sw1-SW3.Master numbers with a power-down memory function.



Press the SET button, STA1 led will flash for 30 seconds, during which time the number dial socket, socket will automatically hang up dial telephone, then the caller number will become master numbers, numbers with a power-down memory function.

6.Socket control:SMS/Dail/Button

1)SMS (COM Order. ON Order. OFF Order)



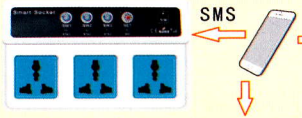
(N mean ON. F mean OFF
X mean Ignore)

Setup steps:
SN+Six Passwords +COM+three socket state mark

(For example: SN000000COMNFN, control SW1 ON, SW2 OFF, SW3 ON)

Recerved the SMS of the switch status

(N mean ON. F mean OFF
X mean Ignore)



ON Order control three switch connected at the same time

Setup steps:
SN+ six passwords +ON

Recerved the SMS of the switch status

(N mean ON. F mean OFF
X mean Ignore)

OFF Order control three switch disconnected at the same time

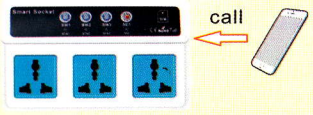
Setup steps:
SN+ six passwords +OFF

Recerved the SMS of the switch status

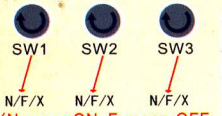
2)Telephone dail

When the master number dial socket, after 2 seconds the phone will connected, voice prompts: "Welcome to use the smart socket,Please enter the password with the end of octothorp." Then enter the password with the end of octothorp. when the input password is correct, the voice prompts: "The password is correct." When you enter the password format illegal or wrong password, the voice prompts: "The password is wrong, please input again"Allow entered incorrectly three times, more than three times the input error, the voice prompts: "Thank you for use, goodbye." and hang up after 2 seconds.

(N mean ON. F mean OFF
X mean Ignore)



Setting three socket ON:
SW1: 1+*Key
SW2: 2+*Key
SW3: 3+*Key

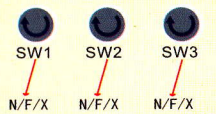


(N mean ON. F mean OFF
X mean Ignore)

Setting three socket OFF:
SW1: 1+#Key
SW2: 2+#Key
SW3: 3+#Key

⚠ ATTENTION:Socket can be arbitrarily controlled unlimited times, when you want to end control, press asterisk(star key) and octothorpe(hash key), voice prompts: "Thank you for use, goodbye." and hang up after 2 seconds.

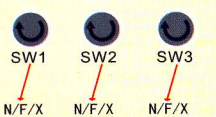
3)Button control:



(N mean ON. F mean OFF
X mean Ignore)

Through the key of SW1-SW3,can reversal the status of the plug of SW1 -SW3.

7.CHECK command: check the status of the socket



(N mean ON. F mean OFF
X mean Ignore)

Setup steps:
SN+Six passwords+ CHECK

Receive the status of the soket

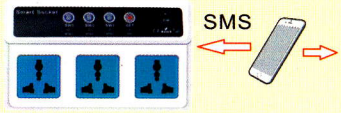
8.Memory function of socket power down

The default function of socket is power down save.Status can be determined by observing the STA1 lights flashing after power on:After power STA1 flash two times, which means that the status is power down save; STA1 after power flash four times, which means that the status is without power down save.

power down status can be changed by the customer,press SW1 12 seconds after the release, you can change the current memory status.

3)Check the timing task

GTS command



Setup steps:

SN + six password + GTS + **

(** is group number, you can check 4 timing groups by one SMS)

For example, check the 1-4 groups, send SN000000GTS01, by the same way, to check the 12-15 groups, send: SN000000GTS12

4) Delete the timing task

a. Delete a timing task: SN+ six password+ DEL+** (** is the number of the need delete group. range: 01-24)

For example, to delete the timing Group 5, send SN000000DEL05

For example, to delete the timing Group 21, send SN000000DEL21

b. Delete all timing tasks, SN + six password + DELAL

For example, to delete all timing tasks, send SN000000DELAL

Timing settings Note::

(1) You can only timing a switch connecting, the default state is off.

(2) When we change the state of switch during the timing, a day after 24 o'clock, timing tasks will be re-executed.For example, we set the SW1 connected daily 8:00 to 18:00, When we artificially disconnected SW1 in 12:00, OK, the day after 24 o'clock, timing tasks will be re-executed. In the next morning at 8 o'clock, SW1 will follow the specified timing tasks reconnected.

Ⅳ.Reset the system

Press the SET button and SW1 button at the same time for 1 second, STA1 LED will slow flash 2 times, proved successful reset the system. When you reset the system, the master number will be emptied, password becomes six zeros: 000000. The three switch are also be disconnected.

Technical parameters

Parameter name	Parameter instructions
Rated current	10A
Rated voltage	110V-245V AC
Rated frequency	50Hz-60Hz
Rated power	2200W
Usinh the temperature range	-10℃~+55℃
Voltage range	110V-245V AC

Ⅴ.NOTES

1、SIM card requirements: global GSM standard SIM card can be used, currently does not support 3G or CDMA card, please activate the new SIM before insert the device.

2、Do not placed the GSM swithc in the tin trunk or metal enclosed environment, this will cause the signal can not access GSM network or worse, affect the actual use.

3、Caller ID display must be turned on,ensure SIM card has sufficient balance in order to call and send text messages.

4、When the the signal is weak in some environment, there will let SMS controlled insensitive, and this is normal. Because the message communication needs transit point forward, it will send to the other number on time when in a good signal. In such circumstances,if you want set the master number, consider to use SET button to set master number will be more efficient.

5、SMS or phone in the control, not to operate the buttons at the same time, this will cause system instability.

6、Using the product should pay attention to moisture, limited to indoor use. Power do not work more than 2200W, inductive load power by half. Rated voltage is 110V-220V, please use in a safe environment, to ensure safety.

7、This product can only control the power supply switched on or off, do not have other functions. For some electrical appliances, such as some air -conditioning to maintain the function is not powered off, re-connect the power, will not immediately work. For the state to maintain electrical power, such as most of the TV, stereo can immediately work.

8、This product only works with 110V ~ 220V AC voltage range, can not be used in cars, or other voltage environment.

APPLICATION

Air conditioning, electric heater, server, relay station,TV, electricwater heaters, rice cookers,water dispenser, lamps speakers.....

Ⅵ.Warranty Description

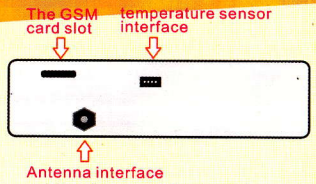
The product warranty for one year, during this period if the product has non-human damage, the company responsible for the free maintenance during the warranty period, if any of the following will not be free maintenance:

1. Damage by did not follow the instructions.
2. Failure or does not work cause by disassemble or repair.
3. Due to natural disaster, falling, the damage caused by improper voltage.
4. Not home use, long-term work in hot, humid environment cause system fault.

Ⅲ.Differences between the SC3-GSM and SC3-GSMT

1. Increase a temperature sensor interface

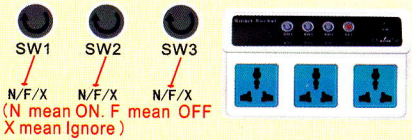
Optional temperature sensor, you can check real time temperature value, and set six temperature-linked.
(temperature-linked: When reaching the set temperature, SW1-SW3 can make the appropriate action)



1)Check the temperature

One way is SMS, another is call

SMS: Use CHECK command, you can get the temperature and current status of the switch via SMS.



Setup steps:
SN+Six passwords+ CHECK

Such as sending SMS: SN123456CHECK (Assuming the password is 123456), the phone will receive the message:
SW1 IS ON SW2 IS ON SW3 IS ON temperature is:+26.8 degrees
(Assuming that the three jacks state are connect, the current temperature is positive 26.8 degrees)

Call: When you call the number of the switch and enter the correct password. Press "8" and "#" key, then the voice prompts: "the temperature is 28.6 degrees" (assuming the current temperature is +28.6 degrees).

2)Set the temperature-linked

LE、GR command format and examples										
format	SN+Six password	LE/GR	*	P/N	*	*	*	N/F/X	N/F/X	N/F/X
State	head	command	num: 1-6	Positive and negative temperature	tens (digit)	units (digit)	Decile (digit)	SW1 State	SW2 State	SW3 State
Explain	LE: less than GR: Greater than			P: Positive N: negative	Decimal			N: ON F: OFF X: Ignore		
Ex1	Set the first temperature linked: less than +23. 8 degrees, SW1 is turned on, SW2 is closed, SW3 is ignored. Assuming device password is 000000. command Edit: SN000000LE1P238NFX									
send	SN000000	LE	1	P	2	3	8	N	F	X
receive	NO1: LE +23. 8 SW1-3: NFX									
Ex1	Set the second temperature linked: Above +30. 0 degrees, SW1 is closed, SW2 is closed, SW3 is turned on. Assuming device password is 000000. command Edit: SN000000GR2P300FFN									
send	SN000000	GR	2	P	3	0	0	F	F	N
receive	NO1: LE +23. 8 SW1-3: NFX NO2: GR +30. 0 SW1-3: FFN									

3) Delete temperature linked

DET command

a. Delete one group: SN + password + DET + ** (** is the number of groups)
When you want to delete the first group, the number of groups is 01, edit text: SN000000DET01 When you want to delete the sixth group, the number of groups is 06, edit text: SN000000DET06

b. Delete all linked: SN + password + DET + AL
Delete all the temperature linked, edit text: SN000000DETAL

2. Timing task

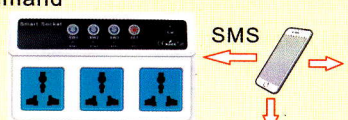
You can set 24 timing tasks with a weekly basis. Timing accuracy is minute, for example, you can set: Monday to Friday, SW1 open daily from 8:30 to 18:20. If you need daily action, set from Monday to Sunday

1) Set the timing task

WK、ST command format and examples																			
format	SN+Six password	WK	*	*	TM	**	:	**	/	**	:	**	N	**	–	*			
Explain	head	command	Start day of week	end day of week	command	Start hour of day	:	Start minute of day	/	end day of week	:	end minute of day	command	01-24 (group num)	–	1-3 (SW1 -SW3)			
Ex1	set the group 3 , Monday to Friday, SW1 timing of 8:30am to 16:50pm open. Assuming device password is 000000. command Edit: SN000000WK15TM08:30/16:50N03-1																		
send	SN+Six password	WK	1	5	TM	08	:	30	/	16	:	50	N	03	–	1			
format	SN+Six password	ST	**	/	**	/	**	/	**	/	**	/	**	/	**	/	**	/	
Explain	head	command	year	/	month	/	day	/	hour	/	minute	/	second	/	week	/			
Ex1	Set time: at 12:52:20 on August 28, 2013 Wednesday. Assuming device password is 000000. command Edit: SN000000ST13/08/28/12/52/20/03/																		
send	SN+Six password	ST	13	/	08	/	28	/	12	/	52	/	20	/	03	/			

2) Check the current time

CT command



Setup steps:
SN +six password+ CT
Edit SMS: SN000000CT

receive the current time by SMS.