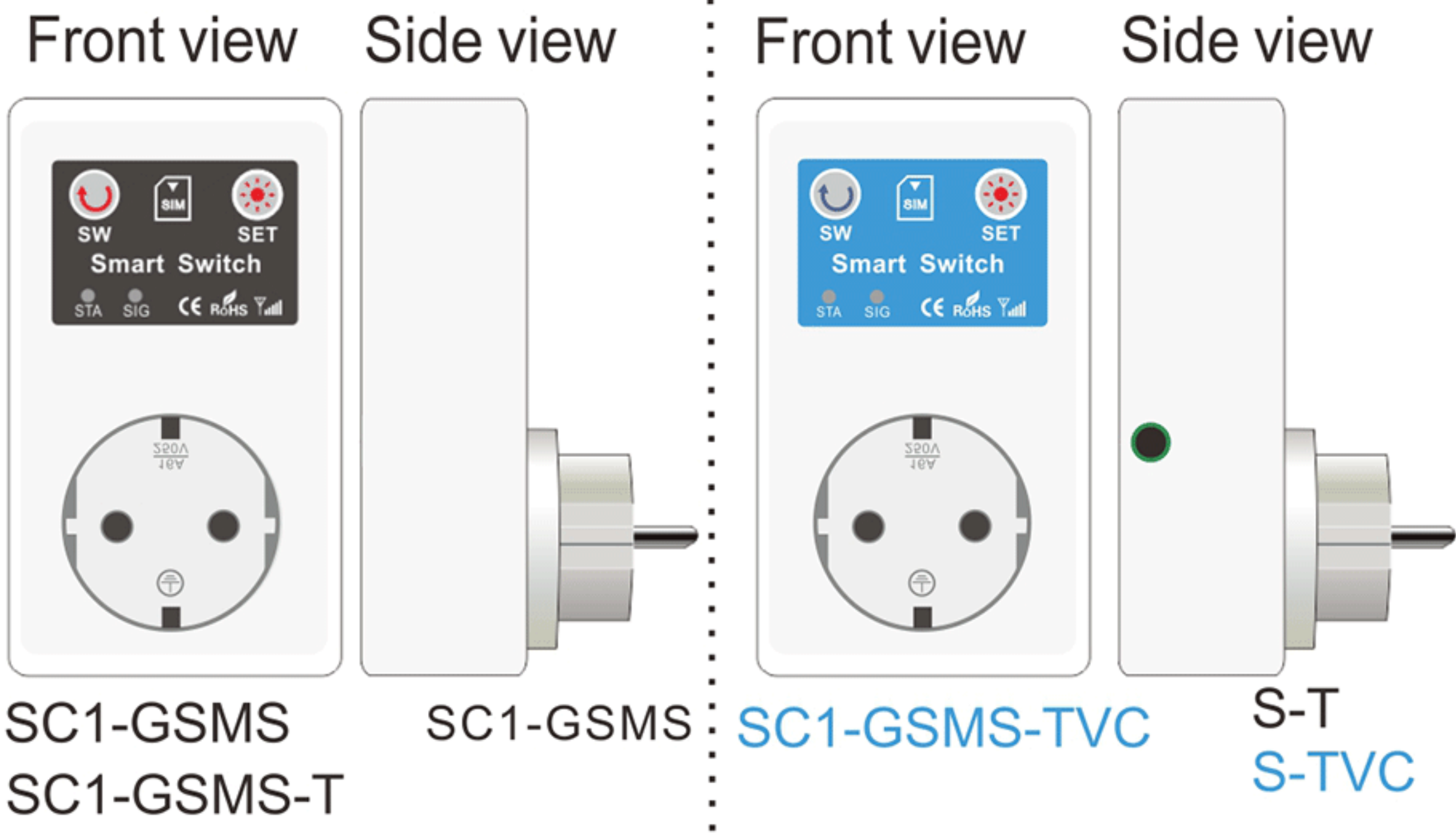


SC1-GSMS Socket Instruction

SC1-GSMS-T (With TEMP control)

SC1-GSMS-TVC (TEMP & powerdown remind)

I. Overview



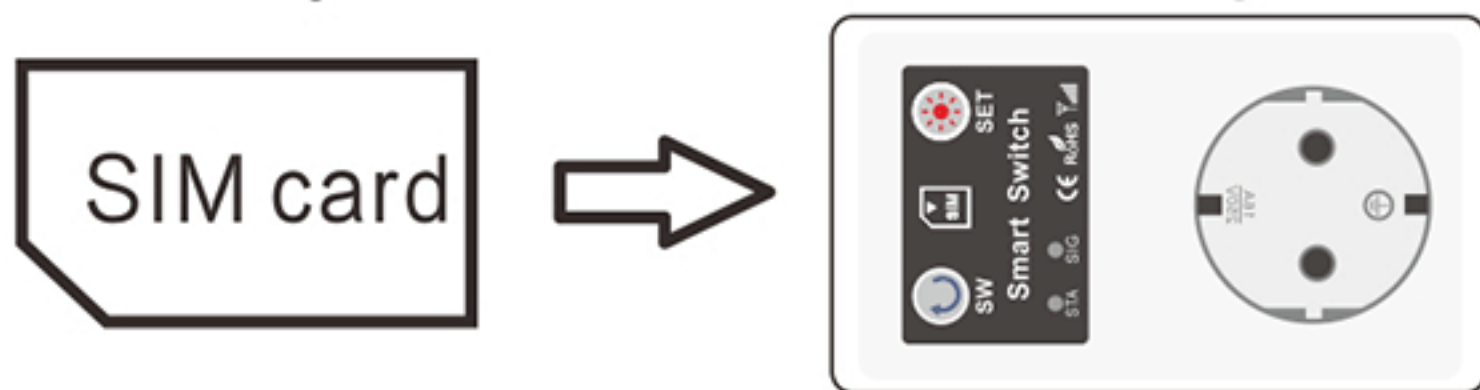
II. Button&indicator

SW button	control switch state,the state overturned after press
SET button	press the SET button you can set master number
STA Indicator	relay status indicator, if the state is on, the indicator light on, if the state is off, light off
SIG Indicator	GSM signal indicator ,flash two seconds to enter the GSM network

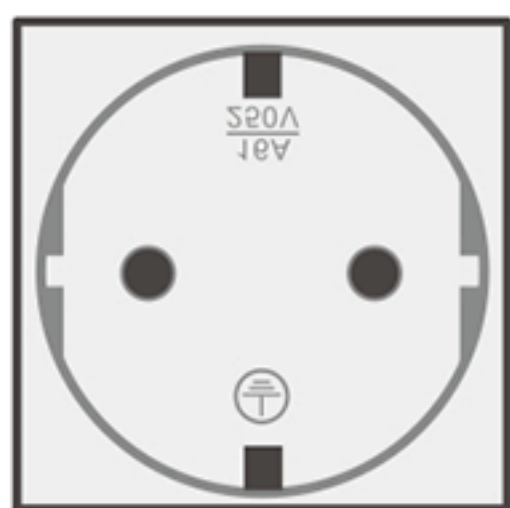
III. Settings

1. Insert SIM card

 Installed your SIM card before power on.

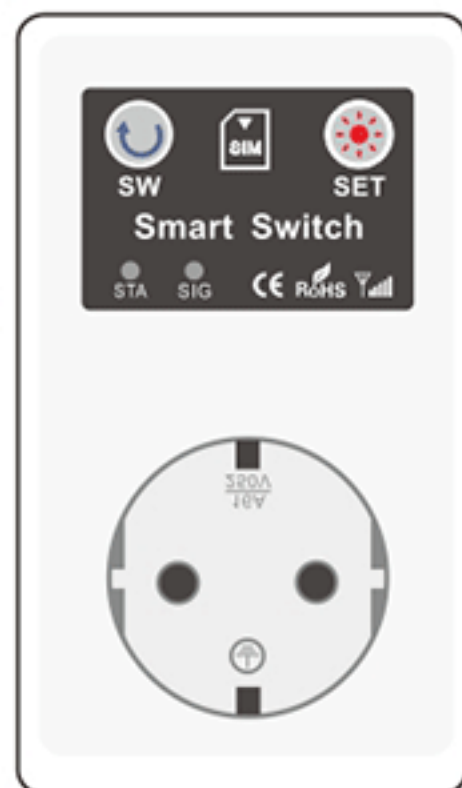
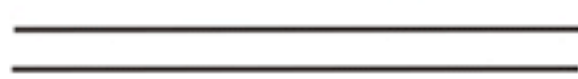


2.Plug in the power connector



Power outlet

Access to power



short initialization time (20seconds) after power on, related operations after initialization .relay status is disconnected by default.

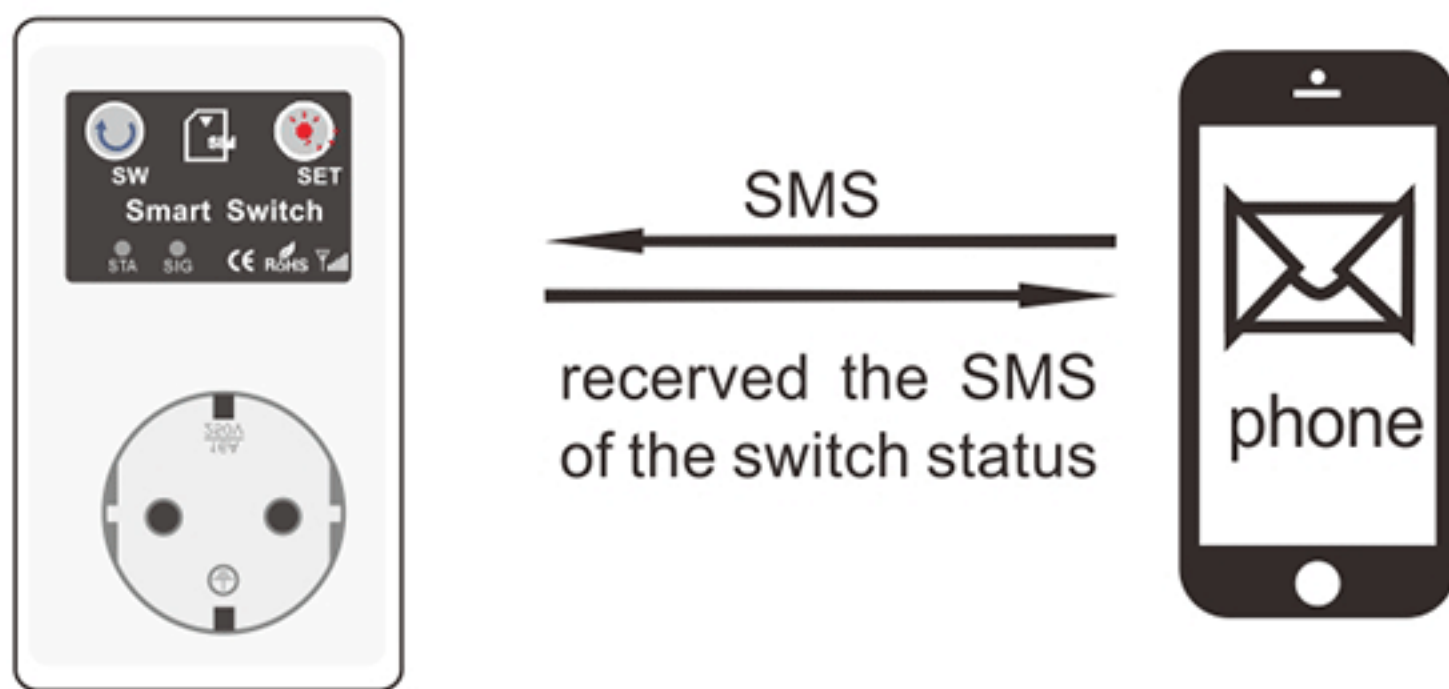
3. Connecting the GSM net-work

Observe the SIG lights of the socket(Begining the signal light is always on),when SIG becomes flash 2 seconds,the socket has connected GSMnetwork,Then you can set andcontrol the GSM socket.



4. Set master number(can set up 5 groups)

There are two ways to set master numbers : one way is SMS ,another is through the SET button.



① e.g. passwords is 0000, customers want to set 13788889999 to be master number, and then edit the SMS: **SN0000SET13788889999** issued to GSM socket, if you set successfully will receive a message: **13788889999SETOK** . GSM socket can only be controlled by the master numbers Master numbers with a power-down memory function.

② e.g. Press the SET button, STA led will fast flash for 30 seconds, during this time which number dial socket, socket will automatically hang up the dial phone, and then the dial number will become master numbers. Master numbers with a power-down memory function.



5. How to control GSM socket:SMS/Dail/Button

*.SMS(ON Command.OFF Command.T Command.L Command)

Setup steps: (the default password for 0000)

1.ON Command turn the relay state to ON.

SN+PASSWORD+ON

e.g. Send: **SN0000ON** ; then receive (Assuming that the current temperature is 28.8 °C, calibration temperature 0 °C): **STATE IS ON** temperture is:+28.8degrees

1.OFF Command turn the relay state to OFF.

SN+PASSWORD+OFF

e.g. Send: **SN0000ON** ; then receive (Assuming that the current temperature is 28.8 °C, calibration temperature 0 °C): **STATE IS OFF** temperture is:+28.8degrees

3.T Command inching the relay state

(change status in short time and then reinstate,the time can be set)

SN+PASSWORD+T+*

(*:0-9,is inching time. 0 is 0.5 second; 1-9 is 1-9 second)

e.g. (3 seconds inching): **SN0000T3**

Device return: **STATE IS INCHING**

4.L Command inching the relay state for a long time

(change state in long time and reinstate,the time can be set)

SN+PASSWORD+L+***

(***:001-240, 001 is 1 minute; 240 is 240 minutes)

Note: Up to 240 minutes timing can be timed, this command can be use to timing.

e.g. When you want timing 2 hours for a Rice cooker First GSM socket initial state is OFF,you send SMS: **SN0000L120** ,then the state turn to ON and you will receive a SMS : **STATE IS INCHING**. The ON state will be kept 120 minutes, after 120 minutes state turn to OFF.

***Set the dail control funtion**

set the inching mode of dail and inching time:

SN+password+XT+*

(*:0-9,is inching time. 0 is 0.5 second; 1-9 is 1-9 second).

cancel the inching mode of dail: SN+password+XTC

e.g. when you want to inching 5 seconds by dail control, send: **SN0000XT5**,and you receive: **JOG FUNCTION IS ON**. In this mode, state will inching 5 seconds, when the master number dail . this mode with a power-down memory function.

when you want to cancel the inching mode, send: **SN0000XTC**, receive: **JOG FUNCTION IS OFF**. if the inching mode has be cancelled, the state will be change when the master number dail. and this mode is default.

***dail to control**

You can control the GSM socket by dail. master number will be hang up and change state in default dail mode. the control function can be set. you can reference to the above description.

***Button control:**

When you press the SW button, socket state will be changed.

***Temperature control (only for SC1-GSMS-T/TVC)**

1) Setting temperature linkage

Format:SN+password+LE/GR(LE is less than,GR is greater than)+Group number(1-6)+P/N(P for +, N for -)+****(****is the hundreds, tens, ones and decimal places oftemperature)+N/F/X(N for ON,F for OFF,X for ignore)

e. g. Send:SN0000LE1P0108N

Equipment to reply:NO1:LE+10.8 SW:ON

NO1(first group):When the temperature is below +10.8degrees,state become to ON.

e. g. Send:SN0000GR2P0255F

Equipment to reply:NO2:GR+25.5 SW:OFF

No2(second group):When the temperature is above +25.5 degrees,state become to OFF.

2) Delete temperature control

Format:SN+password+DET+**(**for the Groupnumber)

e. g. When you want to delete the first group, Group number is 01, Edit short messages : SN0000DET01. When you want to delete second group, Group number is 02, Edit short messages: SN0000DET02.

3) Check temperature control

Format: SN+password+GTS

e.g. Edit short messages: SN0000GTS

4) Temperature correction

Format: SN+password+CT+P/N(P: Increase temperature, N: Reduced temperature)+**(**: 00-50, The minimum until is 0.1 degrees)

e.g. SN0000CTN10

You will receive SMS: CT value is -1.0 degrees

(it means the temperature will be reduced 1.0 degrees to be the correction number)

e.g. SN0000CTP22

You will receive SMS: CT value is +2.2 degrees

(it means the temperature will be increase 2.2 degrees to be the correction number)

6. **CHECK command for check the socket status:**

SN+ passwords +CHECK”(SN****CHECK)

7. **Dail control receive feedback SMS.**

cancel feedback SMS:

SN+password+CBC [This funtion is default]

set feedback SMS: SN+password+CBO (O is letter)

In the default mode, no SMS will be received after dail control. If you want to receive a feedback SMS after dail control, you can send: **SN0000CBO** to GSM socket, receive: **MESSAGE FUNCTION IS ON.**

8. How to set SMS feedback when power on or off.

(only for SC1-GSMS-TVC)

SN+PASSWORD+DL+O/C

SN+PASSWORD+DL+O/C [O is letter]

Cancel SMS feedback: **SN0000DLC** [default function]

If you want receive a feedback SMS after power on or off. you can send: **SN0000DLO**, receive: **BLACKOUT REMINDED FUNCTION IS ON.**

Power on remind SMS: equipment is powered on.

Power off remind SMS: equipment is powered off.

9. Set password

GSM socket initial password is: 0000

Set password command format:

SN + Previous password + NEW + new passwords

10. Memory function of socket power down

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

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

11. Reset the system

Press the SET button and SW button at the same time for 1 second, STA led will slow flash 2 times, proved successful reset the system. When you reset the system, the master number will be emptied, password becomes four zeros: 0000.

12. MODE1 is default mode(works in most countries).

When you are in the Nordic Europe or other a few countries found call works but SMS did not respond, change to MODE0. e.g. Send SMS: **SN0000SM0** to equipment, then receive: **MODE0 SET OK**. When you want to change to MODE1, send SMS: **SN0000SM1**

NOTE

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. Please do not put the socket in the metal surrounded by the environment (metal box or distribution box), this will cause the socket signal become weak, affecting the use of efficiency. If you need to work in the harsh environment, please choose to extend the antenna, the antenna placed in the metal box, can work for long-term stability.

3. Dial number display must be opened, ensure dial control. otherwise only SMS control.

4. When the signal of the environment is weak. SMS control is not sensitive, you can use SET key to set the master numbers.

5. Using the product should pay attention to moisture, limited to indoor use. Output power do not work more than 15A (250VAC)/ 20A(125VAC), inductive load power by half.

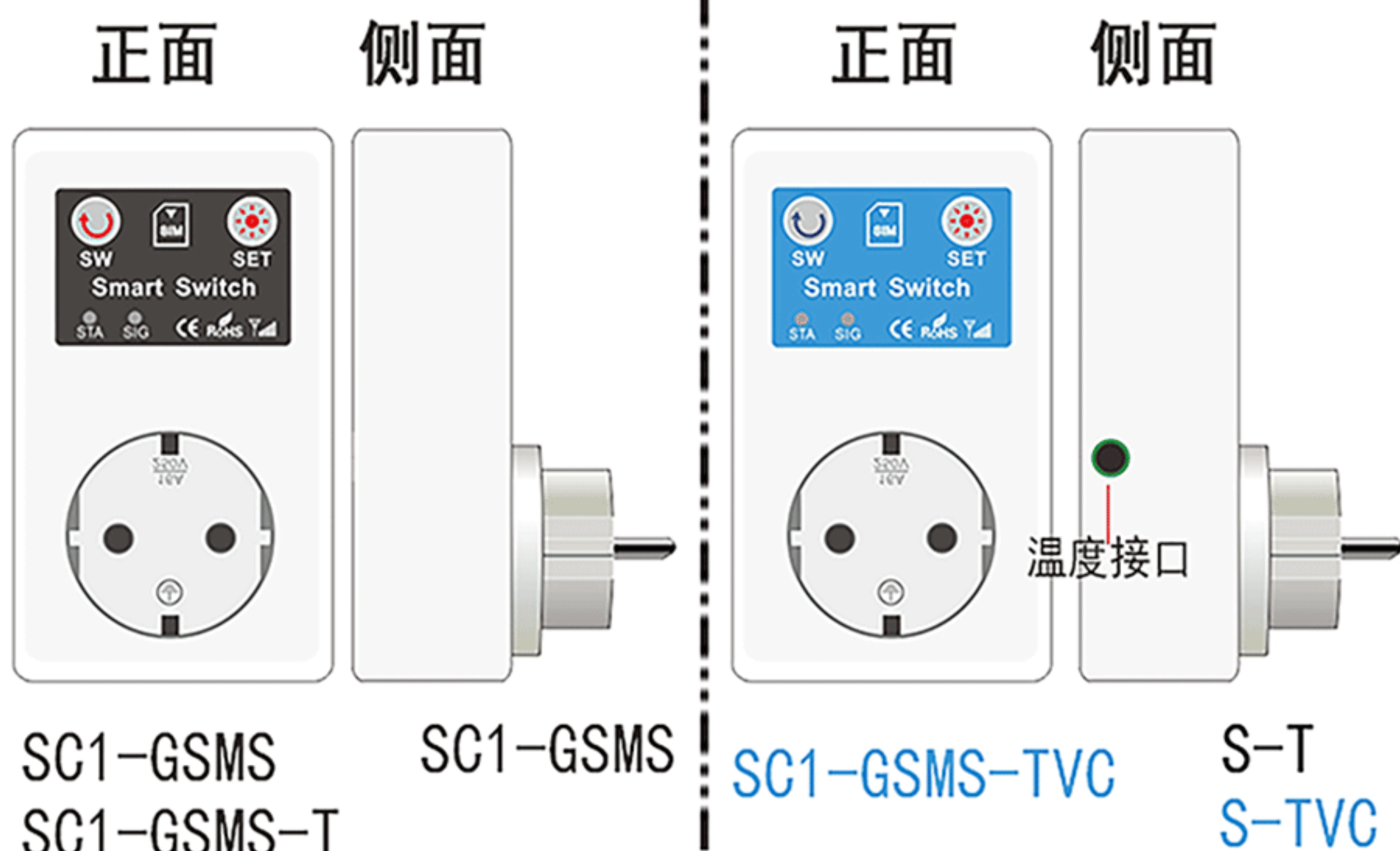
6. This product only works with 110V ~ 220V AC voltage range, can not be used in cars, or other voltage environment.

SC1-GSMS 智能插座

SC1-GSMS-T 智能插座(温度控制)

SC1-GSMS-TVC 智能插座(温度控制+断电
来电提醒)

一. 概括



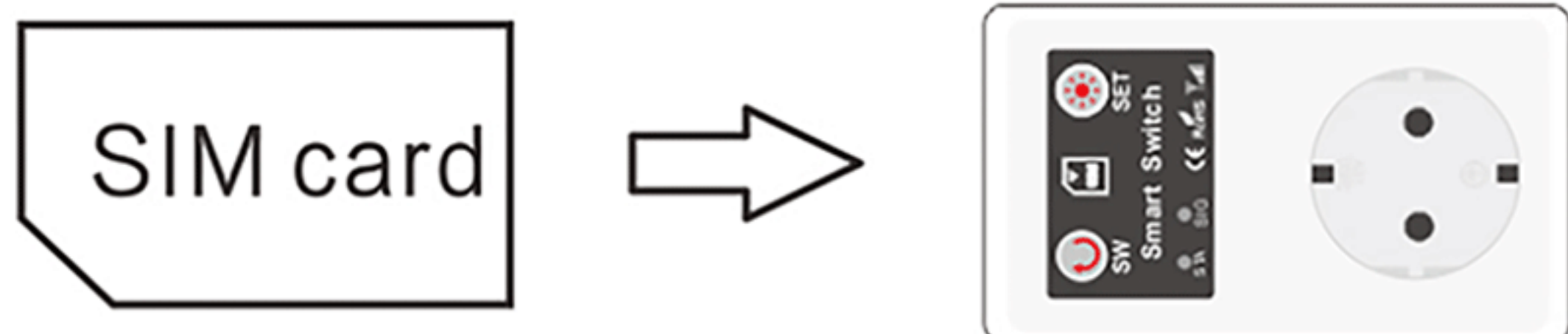
二. 按键指示灯介绍

SW按键	控制开关状态，按下状态翻转
SET按键	按下SET键，可以手动模式设置主人号码
STA指示灯	开关当前状态指示灯，如果状态为接通,灯亮. 如果状态为断开,灯灭
SIG指示灯	信号指示灯，两秒一闪为进入网络

三.设置:

1.安装SIM卡

注意: 上电前需把SIM 卡装好, 严禁先上电后装SIM 卡! SIM卡请使用标准SIM卡, 插入时请将芯片朝外插入。



2.插入电源接口



上电后有一小段初始化时间20秒钟, 初始化后即可对插座进行相关操作。此时GSM插座默认为断开状态。

3.接入GSM网络

观察面板上的SIG灯, 当常亮变为2秒一闪时, 证明已经进入GSM网络;
当初始化完成后, 这时可进行相关的设置及控制操作。

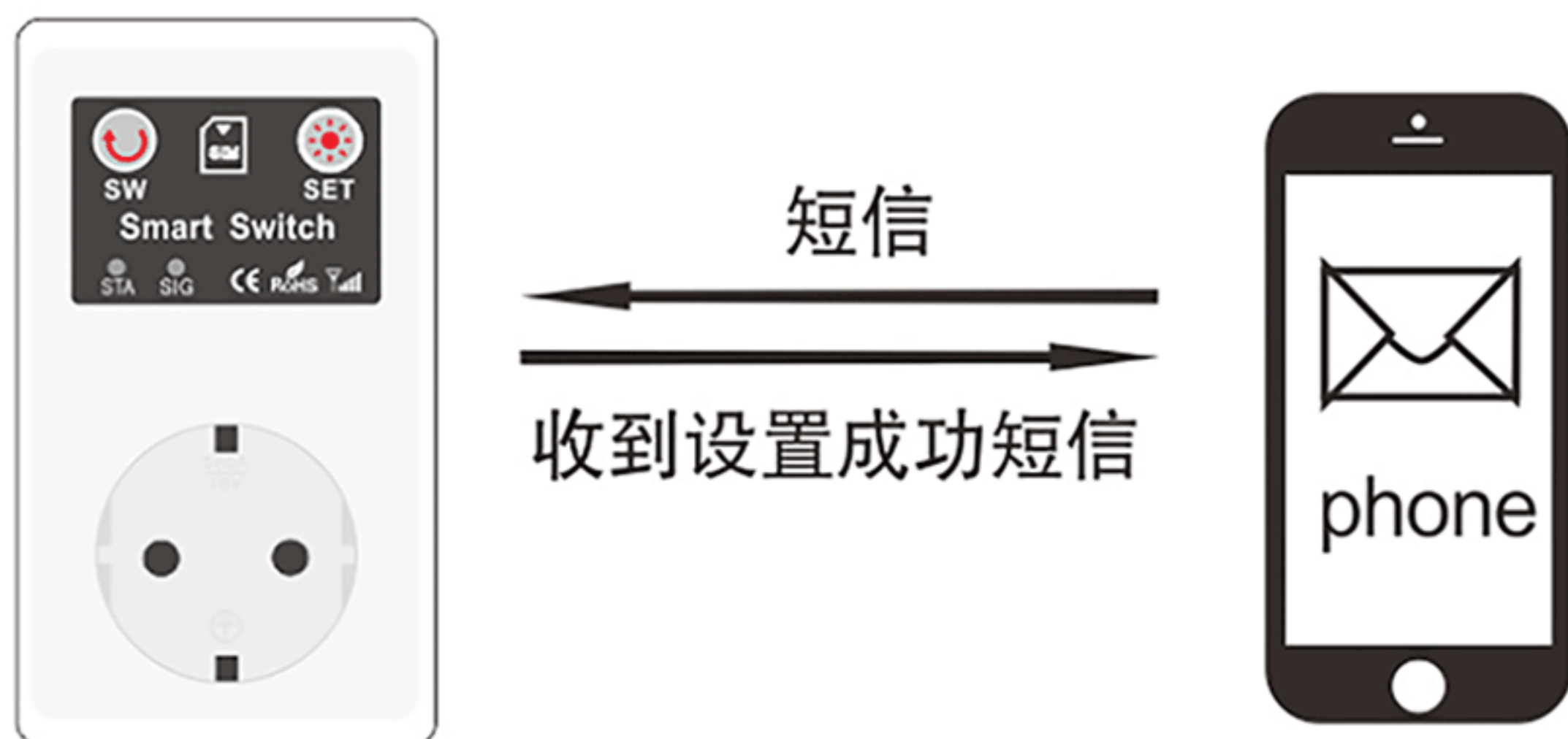


4.设置主人号码方式（可设置5组号码）

设置主人号码有两种方式：

①通过短信设置；

②通过插座的SET键设置。



①:用户的使用密码为0000, 设置13788889999这个号码为主人号码, 只需编辑短信内容: “SN0000SET 13788889999” 发给GSM插座, 设置成功提示短信为: 13788889999SETOK”。此时只有主人的手机号码才能以拨号形式控制这个插座, 号码具有掉电记忆功能。



②:按下SET键,STA灯会快闪30秒,在这段时间内拨打插座上的号码,拨通后插座会主动挂断电话,这时的来电号码将成为主人号码,号码具有掉电记忆功能。

5.插座控制方式：短信/拨号振铃/按键

*.短信（ON命令.OFF命令.T命令.L命令）

设置步骤：（密码默认为0000）

1、ON命令控制继电器状态吸合：

指令格式:SN+4位密码+ON

例：需要继电器吸合:SN0000ON 设备回复（假设当前温度为28.8℃，校正温度为0）：STATE IS ON
temperature is:+28.8 degrees CT value is+00

2、OFF命令控制继电器状态断开：

指令格式:SN+4位密码+OFF

例：需要继电器断开:SN0000OFF 设备回复（假设当前温度为28.8℃，校正温度为0）：STATE IS OFF
temperature is:+28.8 degrees CT value is+00

3、T命令控制继电器状态点动：

指令格式:SN+4位密码+T+(时长)

（时长为0-9数字,表示点动间隔时间,0为0.5秒,1-9为1-9秒）

例：需要点动0.5秒:SN0000T0 需要点动3秒:SN0000T3
设备回复：STATE IS INCHING

4、L命令(短信控制插座长时间点动)

指令格式：SN+0000+L+时长（001-240）

001表示1分钟，240表示240分钟

例：发送 SN0000L060 表示把插座状态翻转60分钟后恢复,设备回复：STATE IS INCHING

*.设置打电话控制继电器方式：

SN+4位密码+XT+时长（0-9，0表示0.5s）

例如：需要设置打电话控制继电器方式设置为点动5秒:SN0000XT5 设备回复:JOG FUNCTION IS ON,表示点动模式已打开，这时打电话控制继电器就是翻转5秒然后恢复原状。

解除这种控制方式，回到拨打电话时永久翻转只需发指令SN0000XTC即可，回复JOG FUNCTION IS OFF表示点动模式已关闭,下次拨打电话继电器状态翻转后保持不变。

出厂默认为拨打电话翻转继电器状态。

***拨号振铃方式：**

用设置好的主人号码拨打SIM卡里的号码，当听到“您拨打的号码正在通话中”、“嘟嘟……”、“您拨打的电话无法接听”等提示音时，说明设备已经控制成功并挂断来电。拨号可以控制状态翻转也可以控制状态点动，具体参照上一条说明。

***按键控制方式：**

当按下SW键时，开关状态会翻转。如果原来为接通状态(关断状态),GSM插座转为关断(接通)。开关状态具有断电保存功能。

***温度控制方式：(只有带温度控制才有此功能)**

1) 设置温度联动

格式：SN+4位密码+LE/GR (LE小于 GR大于) +组数 (1-6) +P/N (P正 N负) +***** (*****为温度百位、十位、个位、小数) +N/F/X (N开 F关 X忽略)

例1：发送指令SN0000LE0P1050F

设备回复：N01:LE +105.0 SW:OFF

表示设置第一组温度低于105度关闭继电器

例2：发送指令SN0000GR1N0345N

设备回复：N02:GR +34.5 SW:0N

表示设置第二组温度高于34.5度打开继电器

2) 删除温度联动

格式：SN+4位密码+DET+**(**为组数)

例如：当要删除第一组时，组数为01，编辑短信：SN0000DET01。当要删除第二组时，组数为02，编辑短信：SN0000DET02

3) 查询温度联动

格式：SN+4位密码+GTS

例如：编辑短信：SN0000GTS

4) 温度校正

格式：SN+4位密码+CT(温度误差)+P/N(P正偏 N负偏)+校正数据个位(0-5)+校正数据小数位(0-5)

例1：发送指令SN0000CTP10

表示采集温度比实际温度小1.0度时执行此命令 相当于采集温度要加1.0

例2：发送指令SN0000CTN22

表示采集温度比实际温度大2.2度时执行此命令 相当于采集温度要减2.2

修正值的单位为0.1度。修正值：-50至+50，默认不修正，为0，出厂和恢复出厂时，修正值为0

短信回复：

CT value is***(***:修正值-50至50，出厂为0)

6.CHECK命令查询插座断通状态：

编辑短信“SN+4位密码+CHECK”(SN****CHECK)

7.短信更改打电话控制是否回短信功能

指令格式：SN+4位密码+CB+O/C(O为字母)

O表示打开，C表示关闭。如需开通拨打电话回复请发送 SN0000CBO 指令,回复:MESSAGE FUNCTION IS ON,出厂默认是不开通，即打电话操作后不回复短信。

设置来电、停电短信提醒功能(只有SC1-GSMS-TVC才有此功能)

指令格式：SN+4位密码+DL+O/C(O为字母)

O表示开启提醒功能，C表示关闭

出厂默认是不开启提醒功能，如需开启提醒功能请发送 SN0000DLO,回复：BLACLOUTC REM-INDED FUNCTION IS ON

如需关闭，发送：SN0000DLC,设备回复：BLACKOUT REMINDED FUNCTION IS OFF

8.设置密码

GSM插座初始密码为0000

设置密码的指令格式为“SN+四位旧密码+NEW+四位新密码”

例：编辑"SN0000NEW1234" 回复:SN SETOK NEW SN IS 1234;设置后的新密码具有掉电记忆功能。

9.插座状态断电记忆

上电后插座STA灯闪两次：断电带记忆。上电后插座STA闪四次，断电不带记忆。通过长按SW键15秒可以改变当前的断电记忆功能。出货默认为断电带记忆功能。

例如：要把断电带记忆功能改为断电不记忆功能等初始化完成后，长按SW键15秒后松开，观察STA灯闪四次后证明已经成功修改为断电不带记忆功能。

10.恢复出厂设置

同时按下SW键和SET键1秒钟，松手后观察STA灯，慢闪两次证明已经恢复出厂设置，控制方式全部恢复为默认值。

注意事项

1.SIM卡要求：支持移动、联通4G卡；蜗牛移动等虚拟运营商SIM卡请谨慎使用，蜗牛卡部分无法发送短信至电信手机号码，会影响产品使用。但请注意是否开通来电显示功能，如未开通则不能拨号控制（短信控制不受此影响）。某些联通卡入网时间稍长，请耐心等待STA灯由常亮变为两秒一闪。

2.请不要把插座放置在金属包围的环境（铁皮箱或配电箱），这样会导致插座信号变弱，影响使用效率。如果需要放置在恶劣环境下工作，请选择配套延长天线，把天线放置在金属盒外部，即可长期稳定工作。

4.当使用环境的信号比较弱时，会出现短信控制不灵敏的情况，属于正常状况，无需担心。如果设置主人号码，可以考虑用快捷键SET键来设置。

5.本产品最大功率为2000W，感性负载功率减半，如需要控制大功率设备（例如水泵电机、电锅炉），请外接交流接触器，或者咨询我司客服人员，可提供解决方案。

6.产品使用电压范围为110-220交流电，请勿私自改装，如需用在其它电压上（例如380V交流、12V直流），请选择我司其它GSM产品（CL3-GSM等）。