

GSMSW-A1 GSM Switch Manual V1

(Please read carefully before using to avoid unnecessary trouble)

Products Introduction: ORuibo launched the second generation GSM remote switch (power switch) with stable and reliable product design, industrial-grade chips, high reliability for use within the industrial relays 10A/277V, Siemens GSM module and other outstanding components, built-in GSM antenna, through mobile phone short message or ringing to control the switch.

Typical applications: You can control the GSM switch through rings or short messages. It can control water heaters, electric motors, electric doors, lights, rice cookers and other appliances. Whether you're on the road or in the office, easy and low-cost to remote appliances.

- Wireless remote water pump
- Control the rice cooker in the office
- Wireless control lights, fans
- Wireless control power, audio and other equipment
- Feeding the family pet via the GSM switch
- Other household or industrial control applications



When you insert the card slowly! If you are experiencing is not smooth, do not come hard! Please note that users! If you do not follow the requirements of operations, will lead to human error, not covered under warranty



SW 按键	控制开关状态, 按下后状态翻转
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, 四秒一闪为进入网络

User manual:

A、Basic setup and operation

- 1、Install SIM card Installed your SIM card before power on, non -installed SIM card after power on! A short initialization time (20 seconds) after power on, related operations after initialization. GSM switch is disconnected by default.
- 2、Waiting for SIM card to connect the GSM network (according to local operators and signal level, usually about 1 minute to get into the network), and observe the SIG lights on the panel (the start is 1 second flash), when flash becomes 4 seconds, the proof has entered the GSM network, Then you can set and control the associated operation.
- 3、Set Password Must set up the user password first, GSM switch initial password is: 0000. Set Password command format: "SN + Four old password + NEW + Four new password. "For example, customers want set their passwords to : "1234", then he should edit the message content: "SN0000NEW1234" issued to GSM switch, if you set successfully, you will receive the message: "NEW SN SETOK NEW SN IS 1234 (New password). "The password with the power-down memory function.
- 4、Set master number GSMSW-A1 owners can set up 5 groups of master numbers, The setting format is: "SN +****(password) + SET + master numbers", send to the number of GSM switch, you can set the master numbers, such as the user's password is 1234, trying to set 13788889999 to master number, and then edit the message content: "SN1234SET13788889999" issued to GSM switch, if you set successfully will receive a message: "13788889999SETOK". Only the master number can control the outlet by dialing, when the master number dial number of GSM switch, the switch status will change, and then hang up automatically after one second, does not produce any cost. master numbers with a power-down memory function.
- 5、Ringing to control Users control the GSM switch by dial the number of GSM switch, when get through the socket state change and hang up after 1 second. The user may hear "You can not answer the phone call, beep ... tone, etc., that set has been successful. If the switch is connected, it will change to disconnected state after a call. If the original state is off, call and changed to the connected.

B、SMS Control

1. SMS change switch status: Edit message "SN +****(passwords) + CHANGE "to sent to the GSM switch, can change the state, when control is successful, GSM switch will return the current state. [For example: the password is 1234, edit text: SN1234CHANGE, sent to the GSM switch]

2. SMS check switch status: Edit message "SN +****(passwords) + CHECK " to sent to the GSM switch, can change the state, when control is successful, GSM switch will return the current state. [For example: the password is 1234, edit text: SN1234CHECK, sent to the GSM switch]
3. SMS turn on switch: Edit message "SN +****(passwords)+ ON " to sent to the GSM switch, can change the state, when control is successful, GSM switch will return the current state. [For example: the password is 1234, edit text: SN1234ON, sent to the GSM switch]
4. SMS turn off switch: Edit message "SN +****(passwords)+ OFF " to sent to the GSM switch, can change the state, when control is successful, GSM switch will return the current state. [For example: the password is 1234, edit text: SN1234OFF, sent to the GSM switch]

C、Key Control (GSMSW-A1 panel has two buttons, one is SW, one is SET.)

1. Control switch status When you press the SW button, switch state will be overturned. If the original state is connected, then turned off . If the original into Shutdown mode, GSM plug into connected.
2. Set master number When you press the SET button, the SIG lights will enter the flash state, about 90 seconds, The numbers plug into the GSM switch will be set to the master number during this time. When GSM switch during this period received a call comes in, it will hang up after 1 second call, and stop flashing SIG lights into the normal state, and new master number will be saved, with power-down memory.
3. Reset the system When the SW and the SET key pressing in the same time, reset the system. The system will restore the factory settings, STA lights flash slowly three times, 5 groups master numbers will be clear, the relay will enter the off state, the password also changed the factory code (0000). Set this function when the forgotten password or special circumstances. (Note: must press two button in the same time, Otherwise, do not enter the rest)

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 switch 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、To save time, once the dial socket after the success of GSM call will automatically hang up the number of the owner, the user may hear "Your call can not answer the call, please hang up, beeps, etc. " is a normal tone.
- 6、SMS or phone in the control, not to operate the buttons at the same time, this will cause system instability.
- 7、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.
- 8、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.
- 9、This product only works with 110V ~ 220V AC voltage range, can not be used in cars, or other voltage environment.
- 10、If there is problem with the quality products can be returned within one week, one year free warranty.

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.