GSMREMOTE Manufacturers Installation Manual

It is recommended that you use this manual in conjunction with - (gsmremote-ags-manual.pdf) for added clarity.

XH-4G01 Receiver Manual

1.Features:

- ◆ The 4G controller is a one-way relay output control that supports 4G networking.
- ◆ Three work modes: support APP Network traffic, Text messages, and telephone remote control functions.
- ◆ Up to 320 authorized phone numbers can be configured. The authorized number does not need to connect, automatically hangs up, and the relay closes once.
- ◆ Relay support set time,1-999s, support App timer and countdown setting.
- ◆ Multiple applications. (gates, bollards, barriers, garage doors, shutters and access doors or machines).
- ◆ Can be operated from anywhere, no distance limit.
- ◆ The receiver can be connected door sensor, to detect the door situation, and has the function of reminding the door is open.
- ◆ The receiver can be shared by QR code, the Master user can manage the user.

2.Parameter:

(1) Work Voltage: DC 10-45V / AC 10-32V

(2) Work Current: 20-50mA

(3) Output Type: Dry connect

(4) Input Type: Dry connect

(5) Network Standard: TDD-LTE/FDD-LTE/GSM

(6) SIM size: 25*15mm(Standard Card)

(7) LED indicator:
Red LED flashing quickly means that it is self-checking, if flashing time over than 1min, the device may break or the SIM card cannot be recognized normally.
Otherwise, the red LED flashing slowly means that it is searching for the network, if the LED flash slows long time, that means the SIM card has no traffic, the network signal is poor, the server is abnormal etc.
And the steady light means the network is normal.
The Blue LED indicates the state of the door sensor, when the blue LED is on, the gate is closed, otherwise the blue LED is off, the gate is opening or opened.
In addition, during the upgrade phase, the Blue LED will keep flashing to indicate the upgrade process.

3.Dimensions:

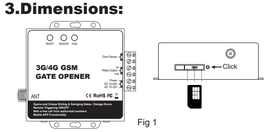

Fig 1

The relay port is dry contact output; the door sensor port can be connected with a door sensor to sense the state of the door body.

Note: The SIM card slot is suitable for the standard card. When inserting, pay attention to the notch to be inserted outwards.

4.Package

◆ 4G01×1 ◆ Antenna×1 ◆ Door sensor(Optional)

5.XHouse IOT App Introduce

5.1 Download

(1) Download XHOUSE IOT APP.

FOR Android & IOS

(2) Search “Xhouse IOT” on Google Play , search “XHOUSE-IOT” on APP Store for downloading the APP.

(3) Registe and login in APP.

5.2 Add device

Add device ⟶ select “Smart Gate”
⟶ select “4G Remote Switch” as Fig 2.

Fig 2

(5) Select “Scan to add” or “ID add”
Added as following:

Fig 3

Fig 4

5.3 App Operation

With APP operation:

5.3.1 Operation:

Press the APP button as following picture Fig5, relay connect and then be interrupted.

Fig 5

5.3.2 Mode setting of Pulse mode and Latch mode:

- Pulse Mode

It supports to set relay time from 1-999 seconds. Factory default 1 second.
The relay will energizes with X seconds and release.

- Latch Mode

Trigger the device, the relay will energizes until the device receives a new command, then release.

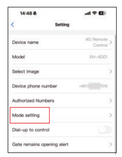

Fig 6

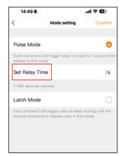

Fig 7

5.3.3 Authorized User Numbers:

- Add Authorized User Numbers

1. Enter the setting interface.
2. Then select the authorized number. Click the “ + ” on the top of right corner.
3. Enter the name and number.And timer for adding numbers.

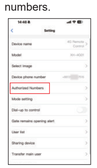

Fig 8

Fig 8-1

Fig 8-2

- Management the Authorized User Numbers

The administrator can set whether only allow the authorized users to trigger the “4G device”. If yes, the administrator need to turn on the “Authorized User” function by APP or “SMS” message.

1.By APP, turn on the “Authorized User” switch.

2.By SMS message, please write “password+E+1#” and send it to the “device phone number” to turn on the function.

Note! Factory default the password is 1234. The value 1 means turn on the function, 0 means turn off the function.

Eg: Write 1234E1#, then send to the device phone number +86131XXXXXXXX.

Fig 9

Fig 9-1

5.3.4 Send message at APP:

Fig 10

(1). Press the SMS button, the app will change to SMS interface as Fig11.

(2). You need to edit ***#01** to Device phone number, the gate will get it and be activated.

Fig 11

5.3.5 Call at APP:

Fig 12

Fig 13

- Dial-up to control

Users can enable or disable the dialing function once, or set up scheduled time periods during which incoming calls cannot control the device. A maximum of 4 time periods can be configured.
1.Click the setting button on the right corner, select “Dial-up to control”.
2.Click the “+” button on the right corner, set the time and click “confirm”.

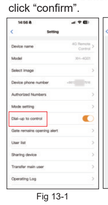

Fig 13-1

Fig 13-2

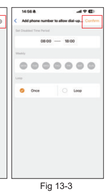

Fig 13-3

- Authorized Numbers Transfer

If the device is damaged and unusable, you can transfer the phone number from the old device to the new one with one click after purchasing the replacement. And it requests to add both devices into the APP first.
1.Click the “Setting” button on the right corner, select the “Authorized Numbers”.
2.Select the “Authorized Numbers Transfer”, select another 4G device and click “Confirm”.

Fig 13-4

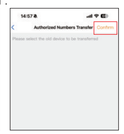

Fig 13-5

5.3.6 With Door Sendor:

Support to connect the door sensor. When the device connect door sensor, it can detect the state of the door opening or door closing.

(1). When the door sensor closes, the APP shows the door is closed. When the door sensor opens, the APP shows the door is open.

(2). Remind: When the door sensor opens time over the setting time, the App will get a message, that the door is not close. If the app sets the SMS recipient, it will send a text to the recipient.

Fig 14

- Gate remains opening alert

When the door sensor remains open beyond the preset duration without closing, a push notification will be sent. If an SMS recipient has been configured, a notification message will also be sent via SMS.
Click the “Setting” button ⟶ Select “Gate remains opening alert” ⟶ Set the time and select the User.

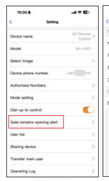

Fig 14-1

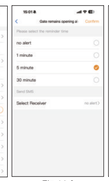

Fig 14-2

Fig 14-3

5.3.7 Timer setting:

(1). Select Set ⟶ “Weekly Timer” ⟶ Click the “+” ⟶ Add the timing ⟶ Confirm.

Fig 15

Fig 16

(2). It up to set 16 groups timer.

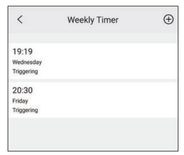

Fig 17

5.3.8 Share Device:

(1). “Select Set” ⟶ “Sharing device” ⟶ Select the Authorized function ⟶ Confirm ⟶ QR code.

Fig 18

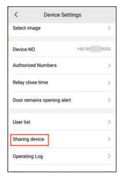

Fig 19

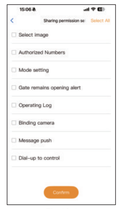

Fig 19-1

Fig 19-2

Without APP operation:

(1). Please kindly note, if the admin did not add phone numbers, the non-authorized user cannot send text messages or calls to control the door open or close.

(2). Authorized users don not need to install the app, the admin just adds the authorized phone to the device, the user can just control the door by sending a message or calling.

(3). While the device doesn't be added to the app , it also can authorized phone number to device by text message authorized number.

◆ **Scan the QR code , enter the edit page.**

◆ **Input your phone number , start to edit and modify the function.**

Item	Function	Specification	Description	For example
1	Change device password	Old password+P+new password+#	Password is 4 digital number, factory set：1234	1234P4321#
2	Add user number	Password+A+user number+#+deadline	For example：10086	1234A10086#20200523-20200623
3	Delete user number	password+D+user number+#	For example：10086	1234D10086#
4	Authorized Numbers	Password+E+0 or 1 + #	0 means turn off. 1 means turn on.	1234E1#
5	Reset	password+R+#		1234R#
6	Control open gate	*#01	Send text message, Edit message include *#01	*#01 OR 11*#01

First way:

Send Text message：

Edit ***#01** to Admin phone number, for example

Text: ***#01** to Admin phone number “180 XXXX XX16”

Second way:

Call : Just call the admin phone number.

6. RESET

Hold the RESET button for 5 seconds. Release the button when you hear the beep voice. The reset is successful.

Note: Make sure that the device is connected to the internet before the initialization operation, otherwise the operation will fail.