

Nine : Trouble Shooting

Problem	Possible cause	Solution
No Power or the device can not be turned on.	Power supply unit may be operated improperly.	Plug in the device once again.
Poor signal reception	In the areas where the radio wave can not be transmitted, such as basement or buildings which are against electromagnetic wave.	Move to a location where signal can be received properly.
	The channel of network is busy.	Please try again later.
	The location is far from (BBS) Base Station System so that signals can not be transmitted successfully.	Avoid this situation as possible as you can.
Echoes or noise of voice message	The quality of network trunk is poor or network service may be interfered in some areas.	Try again later or switch to other network service providers.
SIM card faults	SIM card is damaged.	Send it to your network service provider for test.
	SIM card is not inserted properly.	Insert SIM card correctly.
	SIM card contacts are dirty.	Clean the SIM card contacts with soft and dry cloth.
Unable to connect to the network	SIM card is invalid.	Contact your network service provider.
	You are away from the GSM service area.	Check the service area with your network service provider.
	Poor signal.	Move to another a place where signal can be received properly.
	The PIN code of SIM card is not disabled.	Disable the PIN code function.
Unable to receive a short message	Your network service provider doesn't support this service.	Contact your network service provider.
Unable to make a call	The phone book of SIM card may be edited incorrectly.	Check or alter your phone book of SIM card.
Unable to input data into the phone book	SIM card is invalid.	Contact your network service provider.
	Your password or ID code or message pattern is incorrect.	Please follow the directions and try again. The device pre-installed password is 1234.
No remote control function	Battery is low-power.	If you set up by telephone, you have to cancel by telephone instead of remote controller.
	Remote controller is damaged.	Get a new remote controller, and set up once again.
	The telephone control priority is higher than the remote control.	If the remote distance is getting shorter, please change the battery. (CR2016, 3V*2)
The device misinforms	PIR sensor may detect a heat source.	Because of the PIR, please avoid from window sunshine, heater, oven...

Operation Manual

This device complies with both part 15 and part 24 of the FCC rules.

Operation is subject to the following two conditions :

- (1) This device will not cause any harmful interference.
- (2) This device must accept any interference received including interference that may case undesired operation.

Tested to Comply with FCC standards



FUH YUAN Electronics Development

NO.20-5 Chiang-Shi-Tsu Lane, Shi-Tuen Road Sec.3, Taichung City, Taiwan TEL : 886-4-27020666





www.fuhyuan.com

ONE : SIM Card Set up

1. Get a workable SIM card and disable the PIN code function.
2. Put the SIM card into the device.
3. Set up the power adaptor to city power and the device properly.
The device alarms one beep and LED turns Red or Green then OFF, and RESET the device, alarms one beep again and LED turns Green then OFF again. At this moment, the device is looking for the BSS (Base Station System), once the station is found out the device alarms 2-beep one long /one short and LED turns Green then OFF again.
4. Use another cell phone to set up SIM card telephone numbers sequentially by MESSAGE pattern
 - ① The number you want to dial out firstly.
The MESSAGE is **123491xxxxxxxxxx**. (20-digit max.)
 - ② The number you want to dial out secondly.
The MESSAGE is **123492xxxxxxxxxx**. (20-digit max.)
 - ③ The number you want to dial out thirdly.
The MESSAGE is **123493xxxxxxxxxx**. (20-digit max.)
 - ④ The 4-digit password you want to change for long distance control use.
The MESSAGE is **123494xxxx**. (4-digit only)
5. Send the MESSAGE to the device SIM card number separately by 1,2,3,4 as above.
The device alarms 2-beep after receive the MESSAGE by each action.

Notice : The device pre-installed password is 1234
and 91 for #1 telephone,
92 for #2 telephone,
93 for #3 telephone,
and 94 for change password 4-digit.

Two : Remote Controller Set up and Cancel (For short distance use)

1. Set Up:
Push the  button to set up.
The device will alarm 2 minors (short tone) and dial out the Tel at address No.1
you have set up in the SIM card to inform you and will hang up automatically for 15 seconds later
and then you have one minute to leave the area you secured.
And LED turns red to secure.
2. Cancel:
Push the  button to cancel.
The device will alarm 1 minor (short tone) to inform you the cancellation of the security. And LED turns off.

Notice:

1. The set has 4 remote controllers at most.
2. If the remote distance getting short, please change the battery (CR2016,3V*2).
3. The remote controller is hopping code system. It's unable to copy and duplicate.

Three : Telephone Set up and Cancel (For long distance use)

1. Set up: (Cell phone MESSAGE pattern)
Call the SIM card number.
Press 4-digit password you have changed in procedure One- 4- 4, (if NOT changed, 1234)
and " **1** " **one** to send out the MESSAGE to set up.
The condition is as Two-1 described.
2. Cancel: (Cell Phone MESSAGE pattern)
As the above procedure and " **0** " **zero** to cancel.
Then the device LED turns off to release the security system.

Notice:



If you use the city phone that is PSTN, after the tone please use * to start then 4-digit password & 1 for set up, 0 for cancel and # to end-up. For instance dial

*12341# to set up and *12340# to cancel, if 1234 is the password.

The telephone control priority is higher than the remote control. That means if you set up by telephone in order to cancel. You have to use telephone instead of remote controller.

Four : Top urgent case function

This device also provides the top urgent case function to inform the people predicted by you set up in procedure one - 4 - ①, one - 4 - ② and one - 4 - ③.

1. The remote Control:
Please press  and  buttons together at the same time.
2. The cell phone control:
The cell phone control by your cell phone Short Message Service (SMS) function:
That procedure of cell phone control is as the following.
Key-in 4-digit password and " **0** " for cancellation.
Key-in 4-digit password and " **1** " for set up.
Key-in 4-digit password and " **2** " for top urgent case.
Then send the message to the device SIM card number.

Notice:

1. All procedures are correct. The device alarms 2-beeps.
2. Password is correct but the next digit is incorrect. The device alarms 4 - beeps.
3. The password and next digit are all incorrect. The device alarms 8 - beeps.

Five : The Accident Happen

When somebody breaks into the area you have set up or firing, the device will call out to the people you predicted by procedure One- 4 - ①, One - 4 - ② and One - 4 - ③.
And the voice message is " Emergency warning " .
The device LED is flashing red-orange-red-orange.
Then you can take all necessary action to protect your property immediately.
The top urgent case, the voice message is " HELP! HELP! " .

Notice:

After the call out information, the device will automatically set up to secure every one minute.

Six : The condition for the

This is an IR device, the angle is 110° and distance is 7-meter max.
Because of the IR, please avoid from window sunshine, heater, oven...

Seven : Specification

Specification

Item	Specification
Supply Voltage	DC 12V
Power Adaptor	Input : AC 100~240V 50/60HZ 400mA max Output : DC 12V 1A
Working Voltage	DC 9~16V
Working Temp	-10℃~+50℃
IR Detect Angle	110 Degree
IR Detective Distance	7Meter(max)
Adaptor Diameter	DC Φ2.1m
Remote Receiving Distance	8Meter(max)
Remote Controller/ Battery Expectancy	At least 5000 times
GSM Module System	900 / 1800 / 1900MHz
Module Watt	Class4(2W) / (900MHz) , Class1(1W) / (1800 / 1900MHz)

Eight : Warranty

We provide one year warranty except the battery.
Please contact the local dealer or call the service telephone, if you need the assistance. (P.S please make sure the device is under good condition and proper use.)

FCC Caution

1. The device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference.
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. FCC RF Radiation Exposure Statement: The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
3. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
4. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.