

WOLF-Guard®

WIFI + 3G Smart Alarm System Quick Guide

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WOLF-Guard reserves all the right for the final explanation



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• Security Overview •

Before use, please understand the following safety precautions to prevent product damage.

- Use the correct power supply, specifications: 12V 12A or more.
- Use professional equipment to install, to avoid wiring errors leading to host damage.
- Do not squeeze the touch keyboard and display area.
- Do not use in a humid environment.

CATALOG

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I Product Introduction

WiFi + 3G + RFID intelligent alarm system is a powerful alarm system with a combination of host and accessories. Host is the core of the system, accessories will send the signal to the host when being triggered, then the host makes an alarm sound to frighten intruders, and to alarm through the network or SIM card. Host can be remotely controlled, and can monitor, intercom and do other operations.

Features

- WiFi (IEEE 802.11b/g/n standard) and 3G dual-network alarm technology.
- LCD display and capacitive touch buttons, easy and convenient to operate.
- Support 8pcs wireless remote controllers and 10pcs RFID cards.
- 10 wireless zones (80 detectors in total) and 2 wired zones.
- Each zone can be independently armed, support accessories alarm / low voltage alarm / tamper alarm and other SMS tips.
- Support to preset 6 groups of alarm calls, 3 groups of SMS alarms.
- Support mobile phone APP (Android and IOS) operation.
- With one-way relay alarm linkage output, 4-way wireless home appliances control.
- Timing arm / disarm, delay arm, delay alarm, alarm time can be reset.
- Remote arm, disarm, monitor, intercom and other functions.
- Support to check 30 alarm records .
- Built-in high-capacity lithium battery, can also work properly when power off.

II Product Knowledge

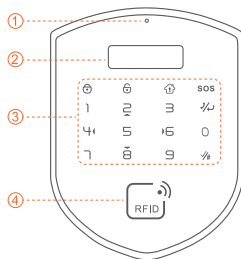
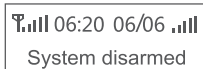


Fig (1)

- ① Microphone: intercom.
- ② Display resolution: 128X32
- Host Interface Description



- Note:**
- Communication Signal: no flicker if no SIM card / signal strength.
 - WIFI signal: indicating the host WIFI signal strength, flashing means can't be connected to the service cloud;
 - Increment indicates fast access mode;
 - Decrement indicates manual network mode;
 - Indicates only connecting to LAN.

③ Touch Keypad Area

- ⊖ Away Arm: The light will be normally on if the host in the arm state.
- 🏠 Home arm: The light will be normally on if the host in the home arm state.
- ⊕ Disarm: Operation password (default 123456) + Disarm key. The light will be on if the host in the disarm state.

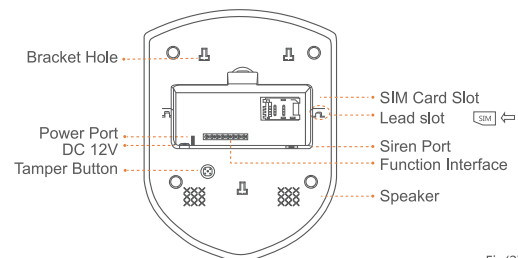
SOS key/Confirm key/# key: Standby, long press this button for emergency call alarm.

↶/↷ Clear key / Return key: disarm state input telephone number, press this button to call, press to check alarm record.

✓/# Key words /# Confirm key: short press 0 to confirm key to enter manual network mode.

⇐/⇒/↶/↷ On behalf of the up and down, left and right keys.

④ RFID Card Area: in the standby mode, short swipe card to arm the system, long swipe the card to disarm, short swipe card to stop the alarming when system alarmed.



Fig(2)

Host function interface description:

1	+12V	Positive (uncontrolled)
2	GND	Negative
3	Z1	Wired zone 1 input, available for both NO / NC detectors
4	GND	Ground
5	Z2	Wired zone 2 input, available for both NO / NC detectors

6	NC	Relay output normal closed (when closed,alarm stop)
7	COM	Relay output common port
8	NO	Relay output normal open (when open,alarm stop)

Host function interface diagram:

1.Wired detectors connection for example,wired PIR detector with 6 ports :

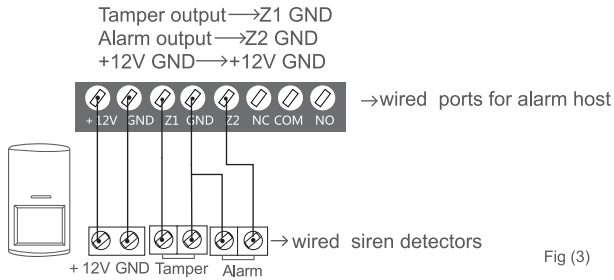


Fig (3)

2. Electronic control lock: Users need to connect one end of the electric lock to NC and the other end to COM.

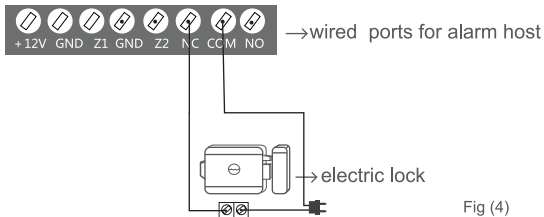


Fig (4)

Installation

The host should be installed in the center of the alarm place for the best receiving result from all wireless detectors. Note that the host installation should be as far as possible away from large-scale metal objects or household appliances with high-frequency interference, while keep away from the reinforced concrete walls and fire doors and other shielding materials.

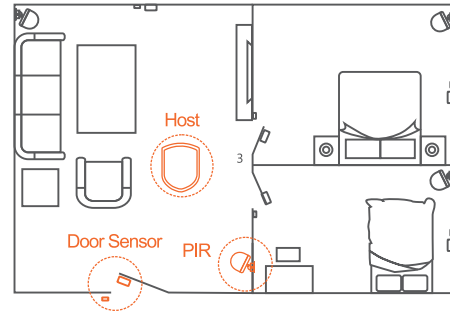


Fig (5)

Note

- Host is better Installed in the center of the defense area.
- Door sensor can be installed on the doors, windows, drawers, etc.
- PIR detector has 120 degree sector region, can be installed 2 meters above the ground, where human active and easily being detected.

IV Preparation Before Use

1. Right to start the host is very important, it will be related to the normal operation of the host and service life.

- 1 Must install the SIM card when the host is power off.
- 2 Connect to the power, turn on the main power switch, enter the initial state.
- 3 Wait for the host to register the network, after registered successfully, the 3G signal icon on the display always shows.
- 4 Wait for the host time information to be updated and start up. (if not updated for a long time, then reboot)

WiFi Pairing:

- 1 Download the corresponding mobile phone APP, register an account, log in account, and click ⊕ on the right corner to match the device;
- 2 Please make sure that the cell-phone is connected to the WIFI network;
- 3 Select to enter SmartLink mode (WIFI connection mode), enter the WIFI password;
- 4 Long press "0" key , the host beep twice, the signal on the top right corner of home screen become stronger, indicating it's searching network, click confirm on the mobile phone APP to complete the matching host. The signal tower changing indicating the signal strength of WIFI connection, the host long "Beep" sound, signal tower become weaker showing entering manual mode (WIFI connection mode).

2.Download App

Android: Go to Google to search "S-HOME" to download APP.

IOS: Go to APP Store to Search "S-HOME" to download APP.

You can also scan the two-dimensional code to download and install.



Note: Only applies to Android version 4.0 and above

(Please use the mobile browser to scan)



Note: Only applies to IOS version 8.0 or above

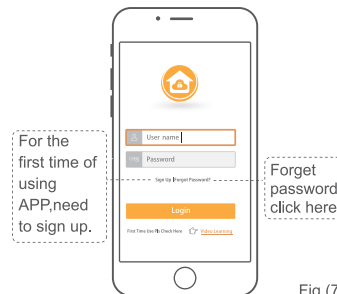
Fig (6)

3. App Operation

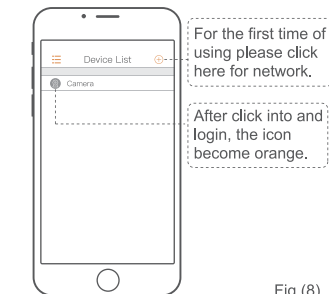
Default Access Password: 123456

Default Administrator password : 123123

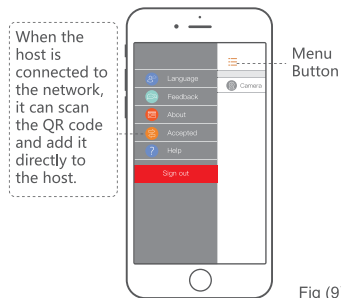
1.User login



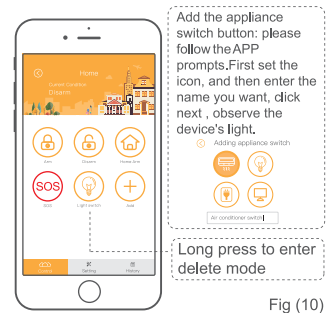
2.Enter the device list



3. Get help

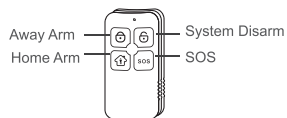


4. Control interface



V Daily Use & Maintenance

1. Remote control for fast Arm & Disarm: Press the button on the remote control, the host will enter the state corresponding to the button.



2. Phone connection operation

Once the host alarms, siren immediately issued a warning sound; at the same time automatically dial the default phone (cell-phone) for voice alarm. When the call is not answered, the host will automatically dial the next phone number, looping through all the preset phone numbers three times. If the dialed telephone

has answered and turned off the siren, the telephone handset immediately transmits an alarm message and repeats the alarm zone number. At this point, press the phone (cell-phone) keypad, you can achieve different functions:

Direct hand up: The host loops all three times for all calls.

Press [1 #]: the host stops the alarm, and arm; host no longer call.

Press [2 #]: the host stops the alarm, and disarm; host no longer call.

Press [3 #]: the host will turn off the siren and to monitor the spot for 60s, to check if there is abnormal sound or thieves invasion at home.

Press [4 #]: start the intercom function for 60s, then exit the intercom until the next command.

Note: When the system receives the wrong instruction, the system will play the alarm message, and will turn off the intercom, for intercom, please re-enter [4 #].

3. Remotely control

By phone (cell-phone) to dial the phone number corresponding to the alarm host SIM card, the phone handset to hear long "beep". Meanwhile, Input the password, If the password is right, the receiver will hear the "beep". If the password is wrong, the receiver will hear the "beep""beep""beep""beep", Please input the password again. (The system will hang up the phone when the password is wrong for three times.) After entering the remotely control operation, users can remotely operate the host through the telephone keypad.

Press [1 #]: to arm the host.

Press [2 #]: to disarm the host.

Press [3 #]: live monitor, monitor the home if there is abnormal sound or thieves invasion.

Press [4 #]: start the intercom function, until the next command to exit the intercom.

4.SMS control

Send text messages to control the host, control password is 123456 #1 # for arming; 123456 # 2 # for disarm; 123456 # 3 # for home arm.

5.Check the alarm records

Host can save 30 alarm records. When the alarm record exceeds 30, the oldest alarm record will be deleted automatically. Check alarm records method: In the disarmed state, short press [↵] to enter the alarm record checking. Press 4 or 6 to scroll through the page. Press [↵] to exit the checking status. In the checking status, if there is a alarm situation, the system will automatically exit the checking state, into the alarm state. The diagram is as follows.

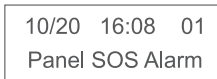


Fig (12)

6.Remote checking of host status:

The user can check the current status of the host anytime and anywhere via SMS commands. Method: send 123456 # 61 # to the SIM card number within the host.

Reply message will be:

→The system status: disarm

→The system status: arm

→The system status: home arm

7. Restore the factory password setting

When the user forgets the password, you can enter the command: 95175308246 in the standby status (non-alarm state, non-remote control state) of the system, then

press [✓#]. The host displays: "Restore default password, please wait". Graphic as follows:

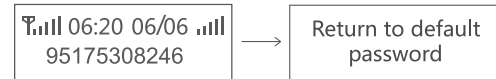


Fig (13)

8.System check

Although the alarm system is used every day, it must also be regularly maintained and tested, in order to ensure the alarm system is stable, reliable and safe operation. Usually, the alarm host should have a comprehensive detection in every three months, the detector should be tested in every month, at least once every three months.

Host detection:

- ① Whether the host could normally arm and disarm.
- ② Whether host could normally dial out in 3G network when alarm.
- ③ Whether host WIFI signal indication is normal.
- ④ Whether the host could normally receive the detector signal or back-up battery and whether the backup battery is normal.

Detectors/Sensors detection:

- ① Manually trigger the detector, check whether the alarm is normal.
- ② Check the battery of all detectors to see if the voltage is low.
- ③ Test the launch of the wireless detector to see if it can communicate with the host.

VI Product Introduction

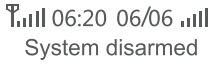
- Enter The System

Default Access Password: 123456

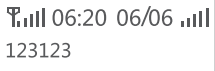
Default Administrator password : 123123


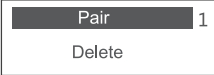
The above passwords are factory default and can be modified (refer to step 11 of the operation flow chart).

- Operation Flow Chart

①  **Note:** To delete the number on the screen or return to the previous step, please press [↵].
Note : APP is not supported on the code

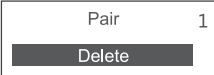
∨ Enter the password on the keyboard

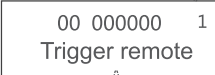
②  ∨ press [√/#], to enter Function menu

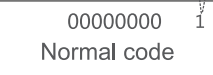
③  +Press [√/#] >> 

∨ +Press [↵]


∨ +Press [16]

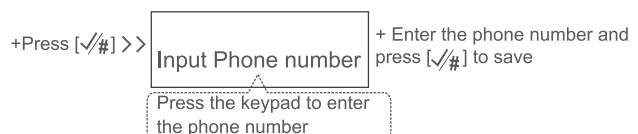
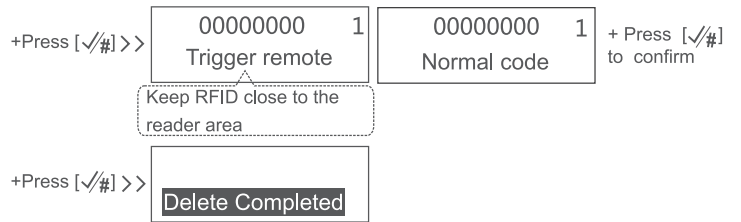
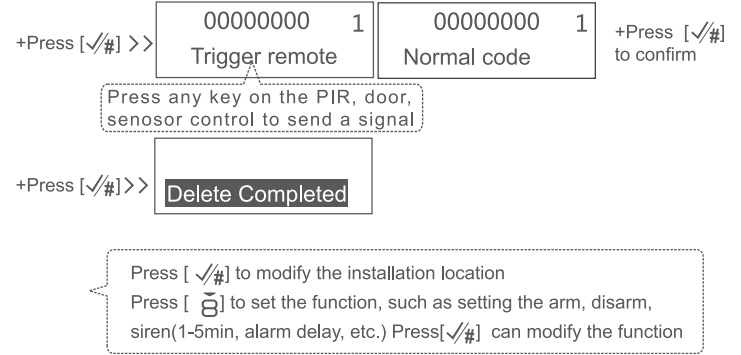
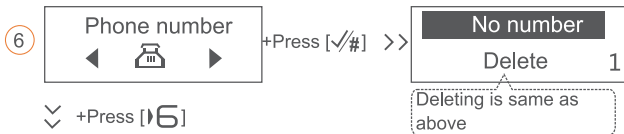
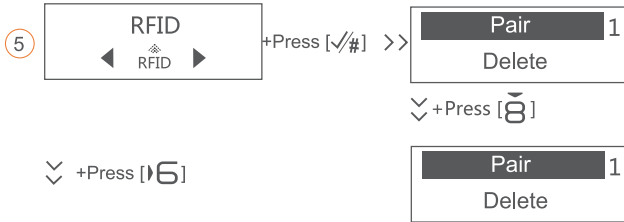
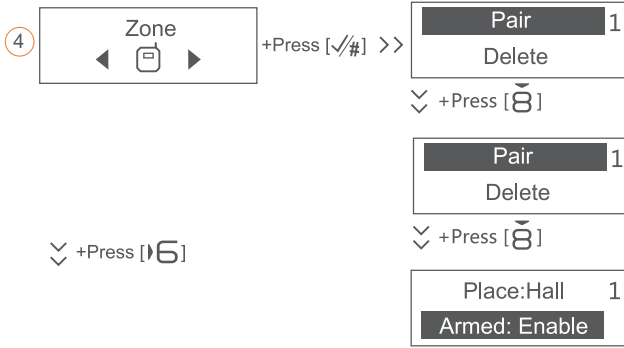


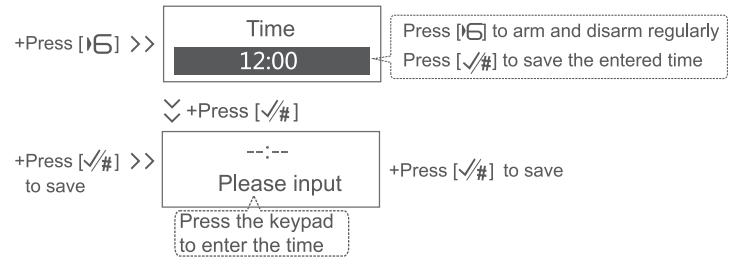
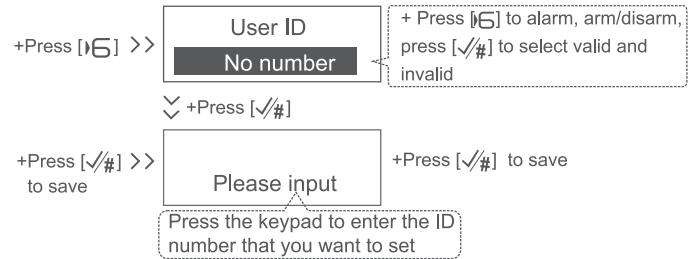
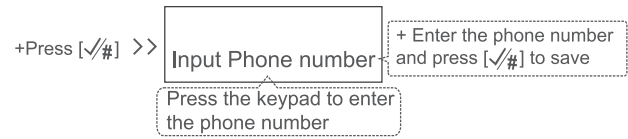
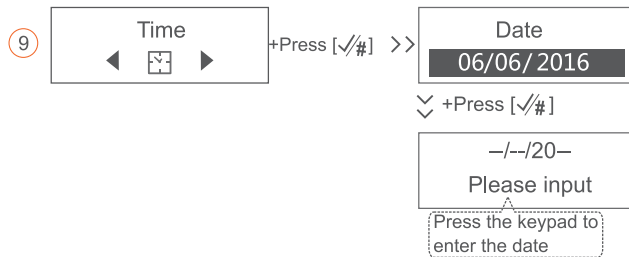
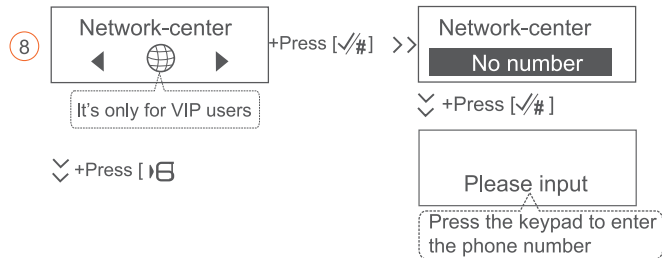
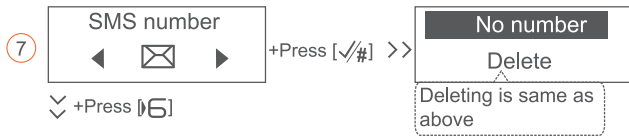
+Press [√/#] >>  **Serial number for the remote control position**

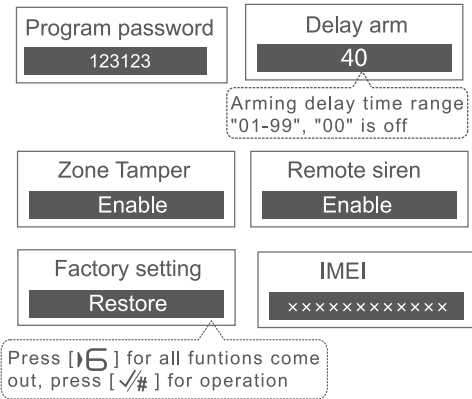
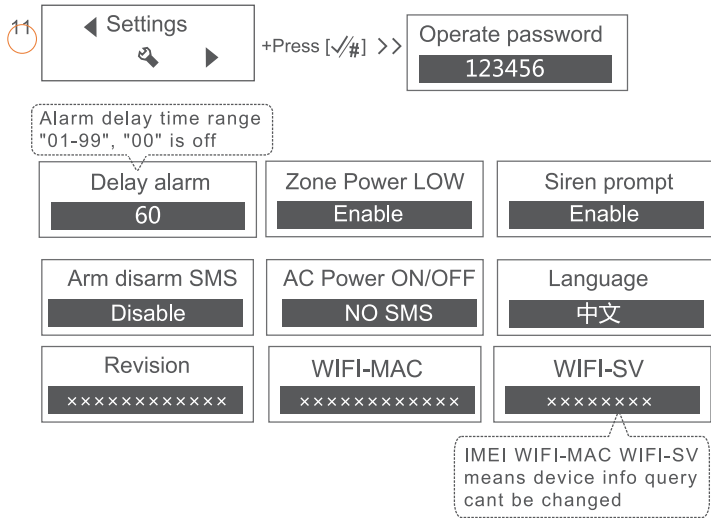
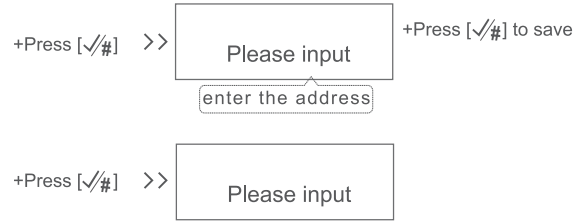
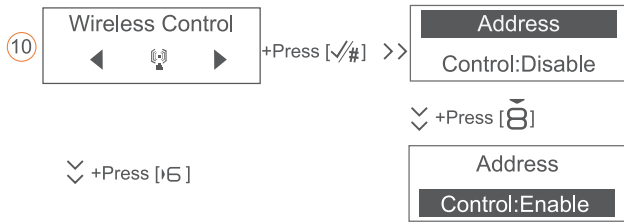
 **Subject to the number that appears in the coding**

∨ +Press [√/#] to confirm

+Press [√/#] >>  **Press any key on the remote control to send a signal**







VII System Troubleshooting

Symptom	Possible cause	Solution
No network detected	Is the SIM card installed or not?	Reload
	Is the PIN set on the SIM card?	Cancel
	Is the mounting position of strong signal enough to accept the signal?	Change the mounting place
Can not alarm	Whether coding is normal or the code is successful?	Confirm the correct code, and then re-code
	Whether the sensor is of enough power to launch?	Replace the battery
Can not dial the Phone	Is the mobile signal strong enough?	Change the place
	Is your cell-phone topped-up?	Check and prepaid the SIM card
	Check if the phone number is set correctly	Reset
Siren does not ring	Is the siren of good contact?	Examination
	Is the zone muted?	Reset
Can not be remotely controlled	Is the remote control password input correct?	The original is 123456
System false alarm	Whether paired with other detectors?	Re-code

VIII Main Technical Parameters

Power supply	AC=110-240V±10% DC=12V (built-in rechargeable battery)
Standby current	< 180mA
Alarm current	<450mA
Wifi frequency range	2.412GHZ-2.462GHZ
Wifi standard	IEEE 802.11 b/g/n
GSM band	850/900/1800/1900MHz 4 band
3G	WCDMA Band II/V
Wireless receiving sensitivity	5mV / m
Anti-interference strength	1V/m (frequency range 20-100MHZ)
External alarm siren sound intensity	110dB
Working temperature	-20°C ~ +40°C
Working relative humidity	≤90% without condensation
Configurable wireless device capacity	8pcs remote controls, 80 detectors, 10pcs RFID cards
Wireless transmission frequency	433MH
Wireless reception frequency	433MHZ
Wireless transmission distance	70m

IX Packing List

Packing	Quantity
Host	×1
Wireless door sensor	×1
Wireless infrared detector	×1
Remote controls	×2
Wireless mini siren	×1
Power adapter DC12V/1.2A	×1
Rechargeable backup battery	×1(built in)
User manual	×1

IX Storage&Transportation

Storage Conditions: temperature -10°C ~ +40°C, relative humidity less than 90%, ventilation, non-corrosive objects, the standard carton, stacking layer is less than 6 layers.

Transport Conditions: stacking layers less than 6 layers, avoid shock in handling process , add other appropriate conditions are as above.

Warning Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This 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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.