Operation Guide

0.9GHz Wireless Baby Monitor Kit

Model No.: 8213SC

The graphics included are subject to minor change without notice.

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1. Packing List

① 0.9GHz Wireless Camera × 1

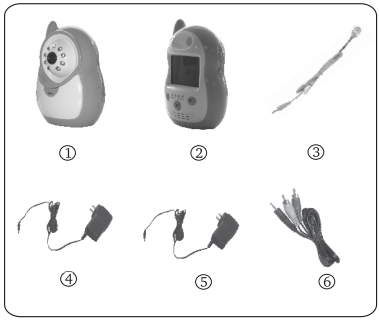
② 0.9GHz Wireless Receiver × 1

③ Sensor for camera × 1
(Option)

④ Adapter for camera × 1

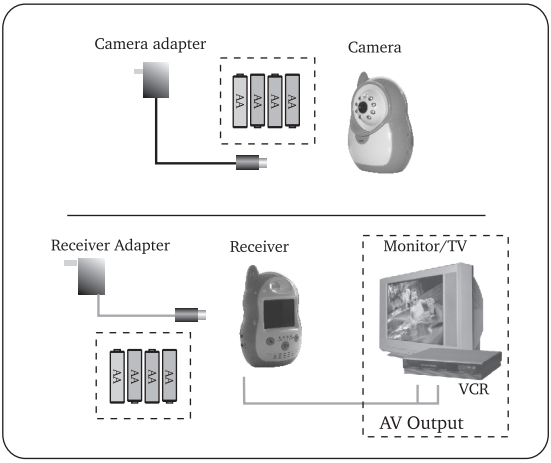
⑤ Adapter for receiver × 1

⑥ AV cable × 1



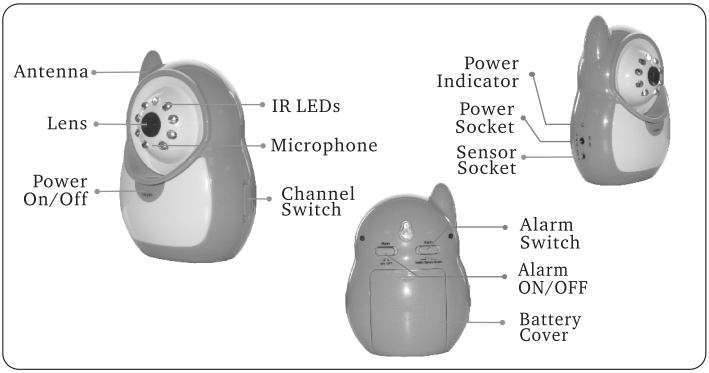
*** 8213SC means GA 8213 + GA 7613**

2. Diagram

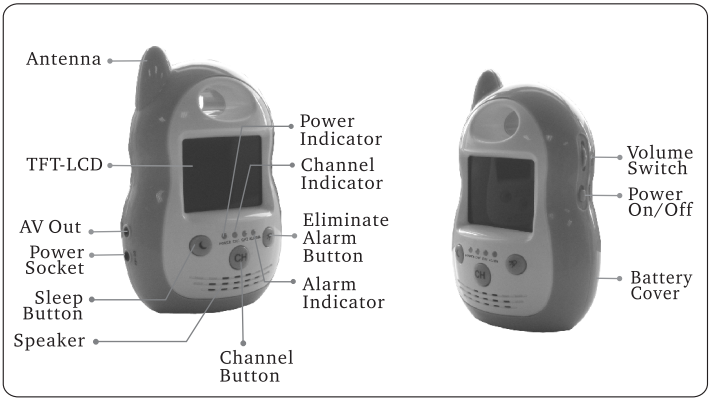


3. Structure

3-1. Structure of Camera



3-2. Structure of Receiver

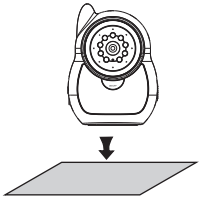


4. Installation

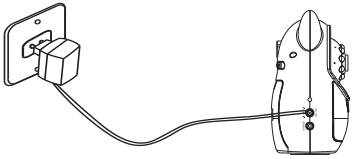
4-1. Installation of Camera

4-1-1. Basic installation of Camera

1. Locate the camera to a specific position.



2. Connect the camera to the adapter and then slide the power switch to **ON** position, the power indicator gets green.



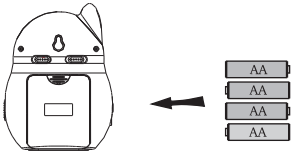
Note:

① This camera can also use dry battery as power supply. Please load 4 AA batteries to the battery compartment at the back of camera with their polarities matched.

② The AC adapter will work instead of batteries after it is plugged. If the camera is not used for a long period of time, please unplug

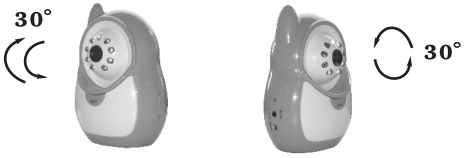
③ the adapter and remove the batteries.

Avoid short circuit of the battery.



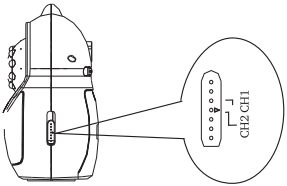
*** Continue working for 5 hours(IR OFF)**

3. Rotate the rounded head of camera to a suitable angle for surveillance.



4-1-2. Camera channel setup

1. Check out the right side of the camera and there is the channel switch marked as CH1, Ch2.. Each of them can be selected separately for the purpose of the multi-camera working situation or interference avoidance.
2. Press channel button of the receiver to select the same channel as the camera, The pictures will be displayed on the screen.

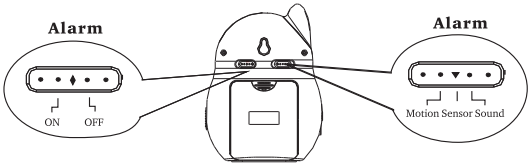


Ch1: 908MHz

Ch2: 922MHz

4-1-3. Camera alarm setup

1. The camera provides Motion Detection, Sensor Detection, Sound Detection. Sound alarm is hasty and interruptible, like as “BEEP”.



Alarm sound volume is adjustable

2. Connect the optional sensor jack to the camera sensor socket, put the sensor end in cotton diaper if you select the Bed-wetting Sensor detection.

*** Specialists recommend the sensor is not suitable for disposable panty diaper; and not suitable for touching skin directly.**

ON Alarm

1.Motion Alarm Setup:

Motion Alarm refers to the alarm against various movements. To set up motion alarm slide the alarm switch to Motion position . The system enter motion alarm mode stand-by for changes or movements to occur in order to trigger the alarm. When movement is detected, the alarm begins to sound for 2 minutes until the Eliminate Alarm button is pressed to snooze for 35 seconds. After the 35 seconds is up, the motion alarm will automatically stand-by for the next alarm to re-occur.

2.Sound Alarm Setup:

Sound Alarm refers to the alarm against sound. To set up sound alarm slide the alarm switch to Sound position . The system enter sound alarm mode stand-by to pick up sound for alarm to trigger . When sound is detected, the alarm begins to sound for 2 minutes until the Eliminate Alarm button is pressed to snooze for 35 seconds. After the 35 seconds is up, the sound alarm will automatically stand-by for the next alarm to re-occur.

3.Sensor Alarm Setup:

Sensor Alarm refers to the alarm against bedwetting. To set up sensor alarm slide the alarm switch to Sensor position. The system enter sensor alarm mode stand-by to detect water for alarm to trigger. When the bedwetting and water is actually detected, the alarm begins to sound for 2 minutes until the Eliminate Alarm Button is pressed to snooze for 35 seconds. After the 35 seconds is up, the motion alarm will automatically stand-by for the next alarm to re-occur.

OFF Alarm

Alarm is disable when the alarm is switch to the OFF position.

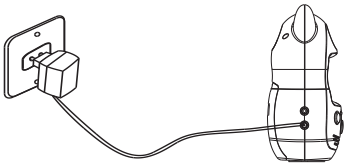
Note:

Alarm sound will automatically turn off if the Eliminate Alarm button are not press within 2 minutes. If both the battery and A/C adapter are in use and the alarm setup failed to trigger, please power cycle both the camera and receiver to re-activate the alarm.

4-2. Installation of Receiver

4-2-1. Basic installation of Receiver

1. Connect the receiver to the adapter and then slide the power switch to ON position.

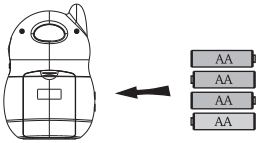


Note:

① This receiver can also work on dry battery. Please load 4 AA batteries to the battery compartment at the back of receiver with their polarities matched.

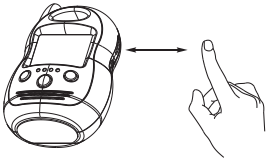
② The AC adapter will work instead of batteries after it is plugged. If the receiver is left unused for a long period of time, please unplug the adapter and remove the batteries.

③ **Avoid short circuit of the battery.**

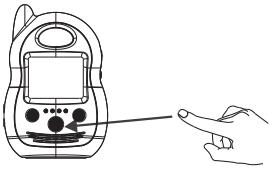


*** Continue working for 5 hours**

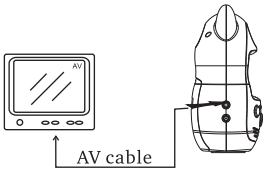
2. Adjust the volume control to a desired level.



3. Set the channel of receiver to be the same as camera by pressing the channel button continuously, and the pictures will display on the screen.



Note:
For more clear pictures, please connect the receiver to a monitor/TV with AV cable (yellow for video and red for audio).



4-2-2. Operation of Receiver

1. Volume adjustment
Slide "Volume Switch" to adjust the volume of the receiver.

2. Channel selection
Press "CH button" to select the appropriate channel.

3. Channel Looping
Hold the "CH button" for three seconds to enter the loop mode. All the available channels will be displayed one by one (default interval is 5 seconds).

4. Sleep Mode
Press the "Sleep Button" to shut down the LCD display and keep the voice function. Press the button again and recall the normal working mode. It can save energy and help your sleeping.

5. Eliminate Alarm button
Press "Eliminate Alarm" button to eliminate alarm voice . Less than 1 minute, the alarm enters again next circle automatically.

5. Specification

	Item	Value
GENERAL	Transmission Frequency	ISM 900～930 MHz
	Transmission Power	10mW/CE; 2mW/FCC
	Operating Frequency	908MHz; 922MHz;
	Unobstructed Effective Range	100m(Min.)
	Modulation Mode	FM
	Operating Temperature	-10℃ ～ +50℃ / +14℉～ +122℉
	Operating Humidity	≤85%
CAMERA	Imaging Sensor Type	CMOS
	Picture Total Pixels	NTSC: 720 × 480Pixels; PAL: 720 × 576 Pixels
	Minimum Illumination	0Lux (IR ON)
	Night Vision Distance	5m
	Bandwidth	18M
	Battery Working Time	5 hours
	Motion Alarm Distance	5m
	Sound Detection Sensitivity	65±5dB
	Consumption Current(Max.)	180mW(IR ON)
	Power Supply	DC +8V
	Dimensions(W×D×H)	93×68×118 mm
	Weight(About)	168g
	LCD Screen Type	2.4 " TFT-LCD
RECEIVER	Effective Pixels	480×240
	Video System	NTSC/PAL
	Color Configuration	R.G.B.delta
	Receiving Sensitivity	≤-85dBm
	Consumption Current(Max.)	300mA
	Battery Working Time	5 hours
	Power Supply	DC +8V
	Dimensions(W×D×H)	94×67×139 mm
	Weight(About)	182 g

*Actual transmission range may vary according to weather, location, interference and building construction.
*All the specifications are subject to minor change without prior notice.

CAUTIONS

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Turn off the Camera/Receiver if the system is not in use.
- The adapter is used as the disconnect device from the mains. The adapter shall remain readily operable.
- The Camera/Receiver can only be completely disconnected from the mains by unplug the adapter.
- Do not cut the DC power cable of the apparatus to fit with another power source.
- Attention should be drawn to the environment aspects of battery disposal.

6. FCC information

This device complies with part15 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.