



Operation Guide

**GOSPELL SMART HOME
ELECTRONIC CO., LTD
Baby Monitor(Transmitter)**

Model No.: GB8209

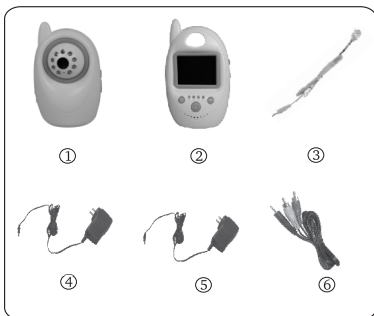
The graphics included are subject to minor change without notice.

Contents

1. Packing List	1
2. Diagram	1
3. Structure	2
4. Installation	3
5. Specification	8
6. FCC and EU	9

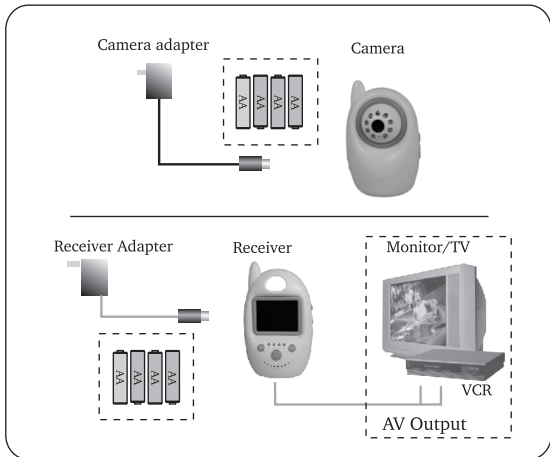
1. Packing List

- ① 2.4GHz Wireless Camera × 1
- ② 2.4GHz Wireless Receiver × 1
- ③ Sensor for camera × 1
- ④ Adapter for camera × 1
- ⑤ Adapter for receiver × 1
- ⑥ AV cable × 1



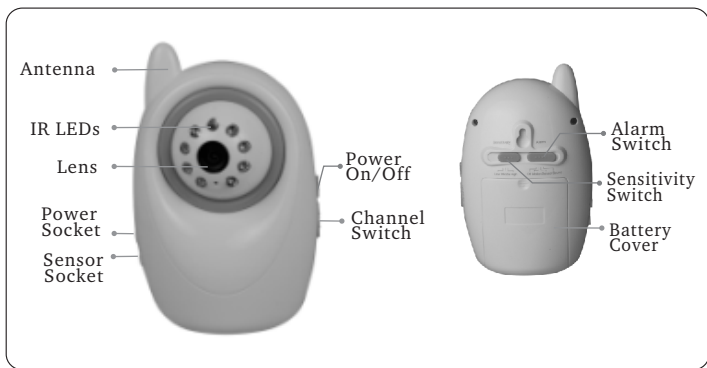
* **8209AW** means **GB8209** + **GB7609**

2. Diagram

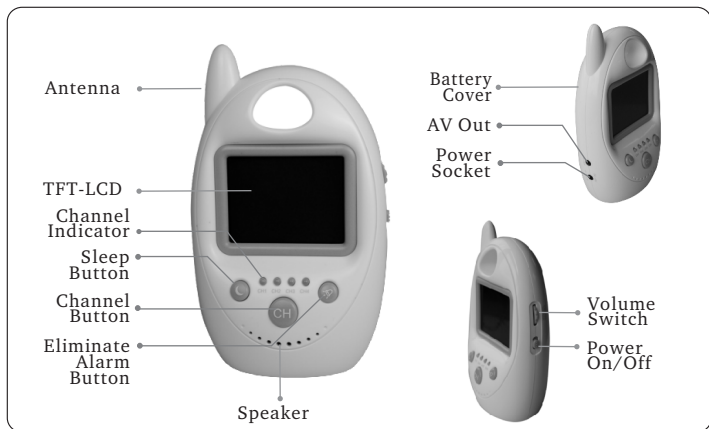


3. Structure

3-1. Structure of Camera



3-2. Structure of Receiver

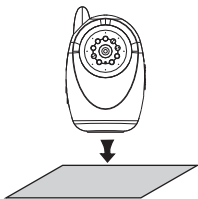


4. Installation

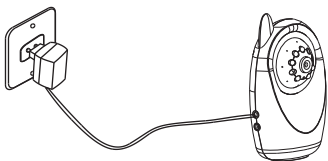
4-1. Installation of Camera

4-1-1. Basic installation of Camera

1. Locate the camera to a specific position.



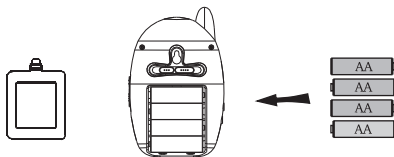
2. Connect the camera to the adapter and then slide the power switch to **ON** position.



Note:

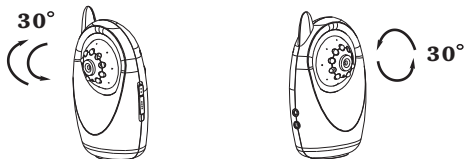
- ① This camera can also use dry battery as power supply. Please load 4 AA batteries to the battery compartment at the back of camera with their polarities matched.
- ② The AC adapter will work instead of batteries after it is plugged. If the camera is not used for a long period of time, please unplug
- ③ the adapter and remove the batteries.

Avoid short circuit of the battery.



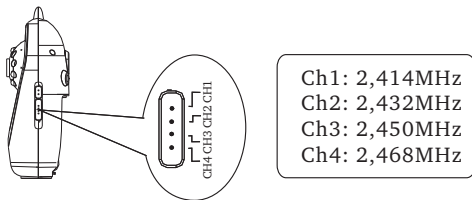
*** Continue working for 5 hours (IR OFF)**

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



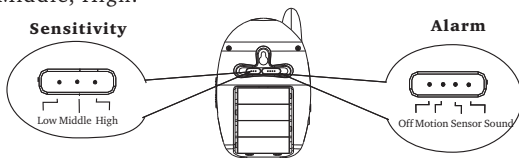
4-1-2. Camera channel setup

1. Check out the right side of the camera and there is the channel switch marked as CH1, CH2, CH3, CH4. 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.



4-1-3. Camera alarm setup

1. The camera provides Motion Detection, Sensor Detection, Sound Detection. Each mode can separately be selected by 3 sensitivity levels as Low, Middle, High.



2. Connect the 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.**

Motion Alarm Setup:

It refers to the alarm against various movements. If you slide the alarm setting switch to Motion position, and select Sensitivity switch. Afterward, the system enters the motion alarm mode. When a movement is actually detected, the alarm begins until you press the Eliminate Alarm Button. After less than 1 minute, the motion alarm enters the next alarm circle.

Sound Alarm Setup:

It refers to the alarm against sound. If you slide the alarm setting switch to Sound position, and select Sensitivity switch. Afterward, the system enters the sound alarm mode. When the sound is actually detected, the alarm begins until you press the Eliminate Alarm Button. After less than 1 minute, the sound alarm enters the next alarm circle.

Sensor Alarm Setup:

It refers to the alarm against bedwetting. If you slide the alarm setting switch to Sensor position, and select Sensitivity switch. Connect the sensor to camera and diaper. Afterward, the system enters the sensor alarm mode. When the bedwetting and water is actually detected, the alarm begins until you press the Eliminate Alarm Button. After less than 1 minute, the motion alarm enters the next alarm circle.

Off Alarm Setup:

It refers to the abandonment of the alarm function. If you slide the alarm setting switch to Off position. The alarm function is disabled.

Note:

When the camera is powered on by dry batteries and directly plugged in by the adapter, the alarm function fails to work. If this is the case, please slide the power Off and back again to On, the alarm function is successfully activated.

4-2. Installation of Receiver

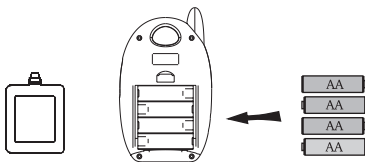
4-2-1. Basic installation of Receiver

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



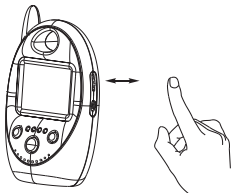
Note:

- 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.**

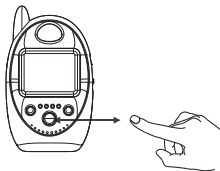


*** Continue working for 5 hours**

2. Adjust the volume control to a desired level.

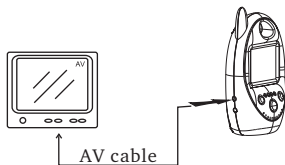


3. Set the channel of receiver to be the same as camera by pressing the channel button continuously, and the pictures will display on the screen.



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 2,400~2,483 MHz
	Transmission Power	10mW/CE; 2mW/FCC
	Operating Frequency	2,414MHz; 2,432MHz; 2,450MHz; 2,468MHz
	Unobstructed Effective Range	100m(Min.)
	Modulation Mode	FM
	Operating Temperature	-10°C ~ +50°C / +14°F ~ +122°F
	Operating Humidity	≤85%
CAMERA	Imaging Sensor Type	CMOS
	Picture Total Pixels	PAL: 720 × 480Pixels; NTSC: 724 × 576Pixels
	Minimum Illumination	0Lux (IR ON)
	Night Vision Distance	5m
	Bandwidth	18M
	Battery WorkingTime	5 hours (IR Off)
	Motion Alarm Distance	5m
	Sound Detection Sensitivity	>63dB
	Consumption Current(Max.)	120mA(IR OFF) & 220mW(IR ON)
	Power Supply	DC+8V/500mA
	Dimensions(W×D×H)	86 × 48 × 135 mm
	Weight(About)	146g
RECEIVER	LCD Screen Type	2.4 " TFT-LCD
	Effective Pixels	480×240
	Receiving Sensitivity	≤-85dBm
	Consumption Current(Max.)	200mA
	Battery WorkingTime	5 hours
	Power Supply	DC+8V/500mA
	Dimensions(W×D×H)	86 × 54 × 143 mm
	Weight(About)	142 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.



Warning:

Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment. Any change to the equipment will void FCC grant.

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 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.

The equipment compliance with FCC radiation exposure limit set forth for uncontrolled Environment