

Baby Monitor Operating Instructions

婴儿监护器简易说明手册

Please read the user manual carefully before you use for your safety and correct operation, and please keep it properly for reference in future.

使用前请仔细阅读本说明书
以确保安全和正确使用
并请妥善保管以供日后参考

FCC 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF 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.

The camera should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Caution!

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.


Declaration of Conformity

Hereby, Shinwa Industries(China) Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

WARNING: 

- The product can not be used as a children's toy.
- Keep the product out of reach from children.
- The cable may cause potential safety hazard to children.
- Use only approved accessories and batteries. Do not connect incompatible products.
- Your device is not water-resistant. keep it dry.
- Follow any restrictions. switch the device off in aircraft, near medical equipment, fuel, chemicals, or blasting areas.
- All wireless devices may be susceptible to interference, which could affect performance.
- Power adaptor warning: "Use only provided power adaptor
- Caution: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions
- Do not dispose of electrical products in the general waste and ensure the used product or batteries are disposed safely according to your local authority and regulations.
- Please do not use the product for illegal monitoring or recording. Our company will not undertake any relative legal liability that caused by illegal use.



警告: 

- 勿将本产品作为儿童玩具玩耍。
- 请保持一定距离或放置儿童不易拿取到的地方。
- 电线可能会对儿童带来潜在的安全隐患。
- 本产品不防水，请保持干燥。
- 请遵守限制使用的规定：在医院/加油站/飞机/化学品易燃易爆品周围请保持关机。
- 请使用原装适配器和电池。
- 废旧电池的处理及产品报废处理请遵守当地法律法规。
- 请勿将本品用于非法监控或录像。由非法使用引发的法律问题，本司不负任何责任！



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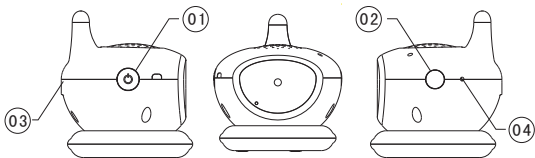
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The care for children from family is the most considerate for every family. Shinwa baby monitor is designed specially for your children. It will give you unlimited free space and let you take care of your children's every action. It supports the function of video recording (AVI), which can record children's every funny action in their happy growth. It will help your children grow-up under your protection in a comfortable environment without any influence by any interference.

2.4GHz wireless digital signal transmission, with 2.4" colorful LCD, portable and small, easy to carry; Microphone equipped inside of camera, which help you hear your children's voice, it can monitor multiple images simultaneously and play music (e.g. lullaby) by remote control.

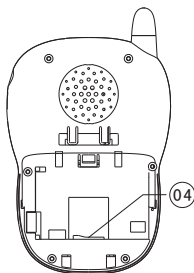
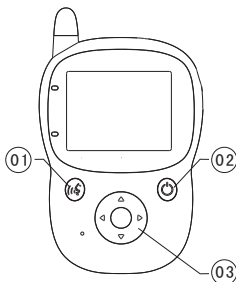
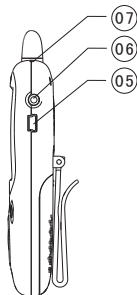
Camera

- ① Power Switch
- ② Register
- ③ USB port
- ④ Reset



Receiver

- ① VOX/Delete
- ② Power/ESC
- ③ Five direction key
(up/down/left/right/OK)
- ④ Micro SD card slot
(on the underside of the battery)
- ⑤ USB port
- ⑥ Earphone jack
- ⑦ Reset



II. Power on/off

Camera: Press the switch to power ON/OFF. When the power indicator LED is green, the product is ready to be operated. If the LED doesn't light please replace the battery or recharge.

Receiver: Press the Power switch to Power on/off. When the power indicator LED is blue means the receiver is now ready to operate, if not, please replace the batteries or recharge the receiver. The first time to power on, you should to register the camera to the receiver successfully.

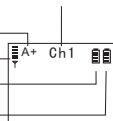
Video monitoring status: Channel of the camera

indication of two-way communication: _____

Intensity of the single _____

Battery capacity of the camera _____

Battery capacity of the receiver _____



III. Register/Logout

Register: Power on the transmitter and the receiver. Press "Ok" button of the receiver, choose "setting" and then choose "register". Select the transmission number and press "OK", there will be the register information from the transmitter camera. Press "OK" to turn to the register position. At the same time, press the register key on the transmitter camera and hold for seconds. The register function is activated automatically, if the transmitter camera has been register success, there will be hint on the receiver interface. If failed please repeat this process or check the capacity of the battery.

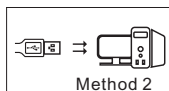
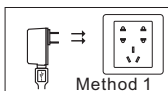
Logout: Turn on the transmitter. Press "OK" button of the

receiver, choose “setting” and choose “logout” item, select the number of the camera and press “OK” to logout the camera.

IV.Recharge

Recharge through the USB port by two methods as follows:

1. Recharge with a power adapter plug.
2. Recharge through a USB cable connected with computer



V.Installed and remove the batteries

Install: open the receiver's battery compartment on the rear side. Insert the battery, paying attention to correct polarity. Close the battery compartment again.

Remove: turn off the receiver. Open the battery compartment. Take off the battery. Close the battery compartment again.

VI.Place/Remove Micro SD card

Place: (Receiver side can extend storage with Micro SD card up to 4G.)

Shut down the monitor, open the battery cover and remove the battery, then put the Micro SD card face up into the Micro SD card slot; When the card is locked, you can hear the click.

Remove: Shut down the monitor, open the battery cover and remove the battery. Then gently press the Micro SD card, and it will pop up from the slot.

VII. Operate instruction

1. Camera side button instruction

Power switch: Power on/off, the indicator LED will light.

Register: Press and hold on can register the camera side with receiver side, when registering the indicator LED will flicker. You can loose the button when it is registered successfully.

Reset button: Press this button will reset system.

2. Receiver side button instruction

Reset button: Reset system in any case when press this button.

The functions of other buttons are different when in different status. Detailed instructions are as follows:

Under the video monitoring status:

(1)Up/Down: Used to change channels by different sequence. When changed channel, it will display the number of current channel (CH1, CH2, CH3, CH4 or 4 images viewing). The receiver can maximum register 4 cameras at the same time.

Channel changes as below:

4 registered cameras: Ch1 → Ch2 → Ch3 → Ch4
 ↑ images ↓

3 registered cameras: Ch1 → Ch2 → Ch3
 ↑ images ↓

2 registered cameras: Ch1 → Ch2
 ↑ images ↓

1 registered cameras: Ch1 → images → Ch1

(2)Left/Right: To adjust the volume, and status displayed with icons.

(3)OK: Only by pressing this button can open the menu, and the video keep in active status when the menu is opened. The menu will be closed when there is no operation within 5 seconds or by pressing Power/ESC button.

(4)Power/ESC: Shut down the menu when press this button.

(5)Speak/Delete: To open or close the voice transmission from the monitor to the camera.

Under the menu status:

(1)Up/Down: To change channels.


(2)Left/Right: To move to the left and right or change the settings.


(3)OK: To select, confirm and enter.

(4)Power/ESC: Press this button to cancel or return, press and hold on for a few seconds to power on or off.


(5)Speak/Delete: When operating the video files, it can be used to delete files; Otherwise used to open or close the voice transmission.


The menu is active during the period of validity, and you can operate as follows:


 Zoom in/out function: Press the OK button can enter it. And then use the left/right button to select one from 5 different areas of the screen, then press the OK button to execute.


 Images move function: Press the OK button to enter it. And then use the left/right/up/down button to move the image to corresponding direction. It can be used

only when the image is under zoom in status.

 **Record function:** Press OK button to start or stop recording, also can press Power/ESC button to stop recording and exit the menu at the same time.

 **Playback function:** Press the OK button can enter the submenu and display the files list, and the list is arrayed by the found date. Use the Up/Down button to select file, use the Speak/Delete button to delete file; Press the OK button can play or suspend, press Power/ESC button can return to the video monitoring interface.

 **Lullaby,** press OK button to enter the lullaby interface, Select the lullaby tracks, then press OK button to play the lullaby selected and exit to the main menu meanwhile. There is a playing indication on the lullaby menu. Stop playing by pressing OK button under playing condition.

 **System setting function:** Press OK button to enter, use Up/Down button to select and then use OK button to confirm. Press Power/ESC button can cancel or return.

System Settings:

- Register: Camera register/unregister
- Video store location: Micro SD card or local disk
- PC link: Connect to the PC through a USB cable, it can be used like a USB disk, then your can operate the video files you recorded.
Power saving: Set the auto power saving time.
- Language setting: Set the language.
- Backlight: Set the brightness of the LCD display.
- Voice trigger control : on/off

- Movement trigger control: on/off
- Camera setting: Set the parameter for the camera of each channel. Such as the brightness, contrast, saturation, frame rate and night-vision control.
- Capacity: View the capacity of internal storage and external Micro SD card.
- Version: View the version of the software.
- Default: Restore the default settings.

Standby and hibernation mode:

Enter the hibernation mode: When the hibernation time you set in the Power saving mode of system setting, it will enter the hibernation mode automatically and shut down the audio, video and LCD.

Exit the hibernation mode: When press anyone button of the monitor or the camera side is warning, it will exit the hibernation mode automatically. Then warning can be triggered by voice trigger function or movement sensitive function.

Voice trigger function

Under working situation of voice trigger function, the receiver will shock when the voice reach a certain range that detected by the camera.

Movement trigger function

Under working situation of movement sensitivity function, the receiver will shock when the movement reach a certain range that detected by the camera.

Night vision function

In dark surroundings, pictures can be viewed clearly by turning on night vision function automatically or manually.

Setting of night vision: under setting menu, select the camera channel needed, select auto, on or off when you see the night vision control bar.

“auto” means the camera perceive the light degree through sensor type and the night vision automatically on or off when the surrounding is dark or bright.

“on” means on the night vision directly;

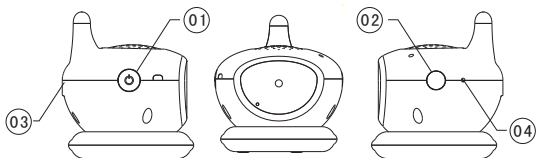
“off” means off the night vision directly;

每个家庭都希望给予孩子最为周到的照顾，本品是一款专门为您的家庭设计的既优秀又可爱的幼儿监护产品。她简化了复杂的操作，给您无限的自由空间，使您在享受舒适生活的同时对孩子的每一个行为都了如指掌。这款产品支持录像功能，可以记录孩子们愉快的成长过程。孩子们在舒适的环境中不会受到任何干扰，在您的保护下茁壮成长。

本品采用2.4GHz无线数字信号发射；2.4英寸彩色LCD显示屏；体积小便于携带，摄像端内设麦克风，随时随地帮助您聆听孩子的声音；摄像端和监控端可以独立使用；监控端可同时监控4个摄像端；可将声音及视频录制成AVI格式输出；具有双向通话功能，并可远程控制播放音乐。

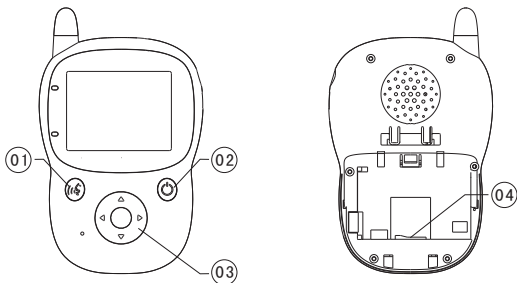
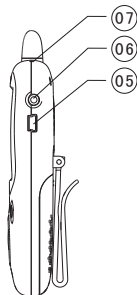
摄像端(CAMERA)

- ① 电源键
- ② 对码键
- ③ USB接口
- ④ 复位键



监控端(RECEIVER)

- ① 通话键/删除键
- ② POWER/ESC键
- ③ 五向功能键(上/下/左/右/OK键)
- ④ Micro SD卡插口(位于电池底部)
- ⑤ USB接口
- ⑥ 耳机接口
- ⑦ 复位键

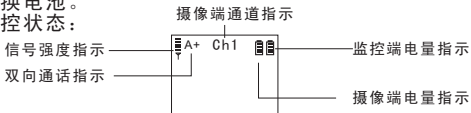


二、如何开关机：

摄像端：按电源键开、关机；开机成功红色指示灯亮、若无反应请充电或更换电池。

监控端：长按电源键开、关机；开机后显示视频主界面，进入视频监控状态；初次开机需要待摄像注册成功才可显示监控画面。开机成功蓝色指示灯亮、若无反应请充电或更换电池。

视频监控状态：



注：当系统出现按键功能失效或死机时，可按复位键进行复位。

三、如何注册/注销：

注册：在摄像端、监控端开机状态下，监控端按“OK”键打开菜单、进入“系统设置”项，选择“注册”子菜单项，选择需注册的摄像端号，按“OK”键弹出注册摄像端信息，再按“OK”键确定进入注册状态；此时按住摄像端的对码键，进行对码，注册成功监控端有提示成功，若失败可以重复此过程再试或确认电量情况再试。

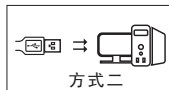
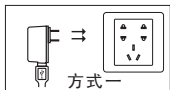
注销：在监控端开机状态下，打开菜单、进入“系统设置”项，选择“注册”子菜单项，选择需注销的摄像端号，按“OK”键弹出注销摄像端信息，再按“OK”键确定执行注销。

四、如何充电：

摄像端与监控端充电时从USB接口接入

方式一：通过电源适配器充电

方式二：通过USB线连接电脑充电



五、电池如何安装拆除：


安装：打开电池盖，按正负指示放置电池，扣好盖。


拆除：关机，打开电池盖取出电池，扣好盖。


在菜单状态下


- 1、上、下键：用于移动选择菜单项。
- 2、左、右键：用于向左、向右移动或改变设置值。
- 3、OK键：用于选择确认执行。
- 4、POWER/ESC键：短按此键用于取消或返回功能。
- 5、通话键/删除键，在操作视频文件时可做删除功能，其它用于启动关闭通话。


菜单有效期间本机处于菜单状态，界面的菜单功能操作说明：


：放大功能，按OK键进入后使用左、右键顺序选择监控画面区域（五个区域），OK键执行放大。

：平移功能，按OK键进入后上、下、左、右键移动图像。（监控画面放大后，此菜单才有效）

：录像功能，按OK键启动录像、暂停录像；也可按POWER/ESC键停止同时消隐菜单。

：回放功能，按OK键进入播放子界面，显示文件列表。上、下键选择文件，文件按新到旧排列。按通话键/删除键可删除选中的文件。OK键为播放或者暂停，POWER/ESC键退出，回到视频监控界面。

：睡眠曲，按OK键进入，选择睡眠曲目再按OK键启动睡眠曲播放同时退回到主菜单，并且睡眠曲菜单上有播放标识。当在播放状态下按OK键可控制播放停止。

：系统设置，按OK键进入，上、下键选择，OK键确认执行；POWER/ESC键取消或退回。

系统设置项有：

- 注册：摄像端注册/注销
- 存储位置设置：本机或者Micro SD卡。
- 连接电脑：先用USB线连接好电脑，再执行此功能。相当于U盘，可操作录制的视频文件
- 节电模式：
- 语言设置
- 背光（LCD亮度调节）
- 声控控制：开/关
- 动作识别控制：开/关

- 摄像头设置：设置各通道的摄像头参数（亮度/对比度/饱和度/帧率/红外夜视控制）
- 容量显示：包括本机容量与扩展Micro SD卡容量信息
- 版本信息：包括监控端、摄像端与厂家信息
- 恢复出厂设置

待机/休眠状态

休眠进入：系统设置中的节电时间到达休眠时间后，进入休眠状态，会关闭音视频，关闭LCD。

休眠退出：发射端报警或按监控端的任意键；报警是由于声控或动作识别的功能引发。

声控功能

在监控端声控打开的情况下，当摄像端检测到声音达到一定幅度时，监控端会有震动提示。

动作识别功能

在监控端动作识别打开的情况下，当摄像端检测到有动作时，动作达到一定程度，监控端会有震动提示。

夜视功能

当环境光较暗时，可自动或人为手动开启红外夜视，让视频清晰可见。

夜视功能设置：在设置菜单下，进入到摄像头控制子菜单项，选择需控制的摄像头通道，可看到红外开关控制栏，可设置成自动、开或关。

“自动”就是摄像端通过感光器件感知环境光亮程度，光线较暗时自动开启或光线亮时关闭红外夜视；

“开”就是直接控制红外夜视开启；

“关”就是直接控制红外夜视关闭。

	abnormal condition	solution
1	can not power on	1, please recharge, switch on after charged. 2, check the reset button
2	video interface not available after power on	1, make sure the camera has enough power and correctly registered 2, switch to the registered camera channel or register the camera with the existing channel
3	Receiving distance shortened	1, supply power by adapter or recharge 2, reselect position of the receiver and camera. 3, keep away from other electrical equipments.
4	squealing during working	Enlarge the distance between the camera and receiver
5	can not hear the voice from the camera	1, turn up the volume of receiver 2, exit playing "lullaby"
6	Micro SD card nonrecognition	Use branded Micro SD card that less than 4G
7	system halted	Please press the reset button

	异常情况	解决办法
1	无法开机	1、请充电，电量足再开机 2、检查复位键
2	开机看不到视频界面	1、确保摄像头有电，并正确注册 2、切换到已注册摄像头的通道，或者在此通道上注册摄像头
3	接收距离变短	1、使用适配器供电或充电 2、重新选择监控端和摄像端位置 3、尽量远离其它电器
4	工作中出现啸叫	加大监控端、摄像端之间的距离
5	听不到摄像头端的声音	1、主机声音调大 2、退出“催眠曲”播放
6	Micro SD卡不识别	建议使用4G以内的正规品牌Micro SD卡
7	意外死机	请按复位键复位