

SMARTBABY

BABY MONITOR SM510

(Digital Wireless Video Baby Monitor With 5.0 inches Color Screen)

USER MANUAL



CATCH EVERY PRECIOUS MOMENT OF YOUR BABY

Thanks for Choosing SMARTBABY:)

We provide 24h Professional Service Center.

Lifetime Manufacturer's Technical Support.

And 30 Days Money-Back Service.

Ensures Long-lasting Enjoyment of Your Purchase.

If you have any questions, feel free to contact us.

Scan the QR Code & Start Chatting

USE YOUR PHONE
CAMERA TO SCAN ME

service@smartbaby.info



Congratulation!

Now you can take care of your babies anywhere and anytime!

Please read the user manual before use!

Please retain your original dated sales receipt for your to records.

For warranty service of your baby monitor, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage.

Before you use the product, we recommend you fully charge the battery in the parent unit, so that it continues to work even when disconnected from the power supply for transferring to another location.

Please read the safety instructions.

Please make sure you have the following in the packing.

1. Parent unit x 1
2. Baby unit x 1
3. Adapter x 2
4. User manual x 1

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1. SAFETY INSTRUCTIONS :

CAUTION: Keep small parts away from children.

Strangulation Hazard: Children can become entangled in cords. Power cords should be kept more than 3 feet away from the crib and baby's reach all the time. Baby monitors and cameras with power cords should never be hung on or near the crib. This product is not a toy and should be kept out of children's reach. This product contains small parts. Be care when unpacking and assembling the product.

Read and keep instructions: All the safety and operating instructions should be read before the video baby monitor is operated.

This product cannot replace responsible adult supervision.

Water and moisture: This product is designed for indoor use only. The unit should not be exposed to rain, moisture, dripping or splashing. No objects filled with liquid should be placed on top of, or beside the product, such as a glass or vase. This item should not be used near water.

DO NOT USE THE APPLIANCE:

- If the cord or plug is damaged.
- If your baby monitor is not operating properly or has suffered any damage.

Contact service: The service center to request inspection and repair it in order to avoid any possible risk.

DO NOT: Attempt to repair or adjust any of the electrical or mechanical functions of the unit since, if you do, the guarantee will be made void.

Ventilation: This baby monitor should not be used on a bed, sofa, rug or similar surface that may block the ventilation openings, or be placed in an

enclosed area, such as a bookcase or drawer that may impede air flow.

Keep away from sources of heat: This unit should not be exposed to direct heat sources such as a candle, replace, radiator, heat register, stove or other appliance that emits heat. The unit should not be left in direct sunlight.

Power source: This unit should only be used with the adapter included in this package.

Damage requiring service: This unit should be serviced by qualified personnel.



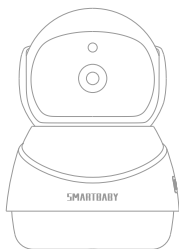
WARNING: IR emitted from this product. Do not stare at operating lamp !!



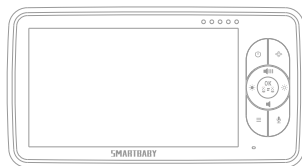
CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

2. PRODUCT OVERVIEW

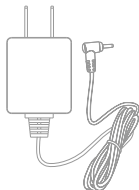
2.1 Package List



Baby unit x 1



Parent unit x 1

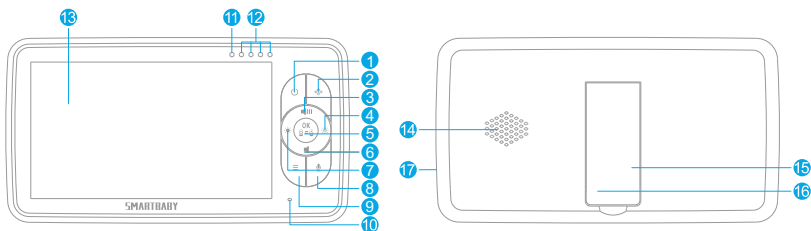


Adapter x 2



User manual x 1

2.2 Parent Unit (Monitor)



1 Power key:

Long press to turn on/off the monitor; short press to screen on/off.

2 Pan/Tilt

Press the key  to enter into the pan/Tilt mode.

3 Volume + / Up key:

Press Volume+ to increase the volume/ To up the camera in the Pan/Tilt mode.

4 Brightness + / Right key:

Press the Brightness+ to increase the brightness/ To right the camera in the Pan/Tilt mode.

5 OK:

Press the OK key to view/scan camera or to confirm.

6 Volume - / Down key:

Press Volume- to decrease the volume/ To down the camera in the Pan/Tilt mode.

7 Brightness - / Left key:

Press the Brightness- to decrease the brightness/ To left the camera in the Pan/Tilt mode.

8 Talk to baby:

*To talk, press and hold the talk key on the front of the monitor; release to turn it off.

*Bear in mind that you can't listen to your baby while you're talking to them; to listen to it, you will have to stop pressing this button.

9 Menu/Exit:

Press short Menu/Exit key the menu will pop up, and press again to EXit.

10 MIC:

When talking to the baby, collect the voices of the parents.

11 Power&Charging Indicator LED:

*The LED shows red when charging under the display is turn off state.

*The LED displays shows orange when charging under the turn on state.

*The LED displays shows green after the battery is fully charged.

12 Volume LED:

When the baby unit detects the voice, the indicator light will be on,
The louder the detected sound, the more lights will light up.

13 LCD screen:

Display the baby's picture and the adjustment of each button function.

14 Speaker:

Hear the sound from the baby.

15 Stand:

Monitor placement stand.

16 Reset key (under the stand):

Long press the reset button with a pin to reset the display.

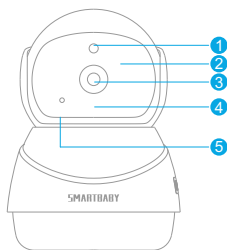
17 DC-jack:

Charge the monitor by connecting the Power Adapter to the monitor and a socket.

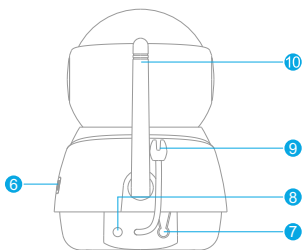
Note:

If you want to adjust the Volume/Brightness, you have to exit the Pan/Tilt mode before you operate it.

2.3 Baby Unit (Camera)



- ① Light sensor
- ② infrared LEDs
- ③ CMOS sensor
- ④ Power LED
- ⑤ MIC



- ⑥ Speaker
- ⑦ Pair key
- ⑧ DC-Jack
- ⑨ Temperature sensor
- ⑩ Antenna

2.4 Icons Overview:

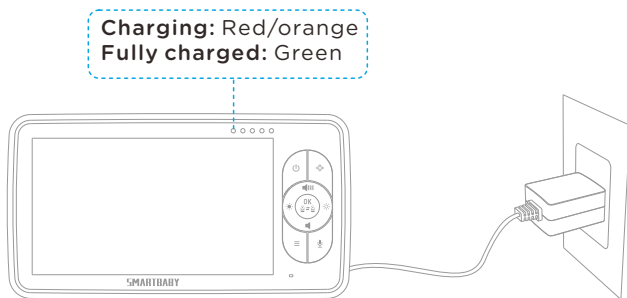
	Signal		Alert volume		Zoom
	Timer Alarm		Brightness		Night vision
	Lullaby		VOX		Time format
	Camera		Setting	80°F	Temperature

3. USING THE BABY MONITOR

3.1 CHARGING AND POWERING THE MONITOR UNIT

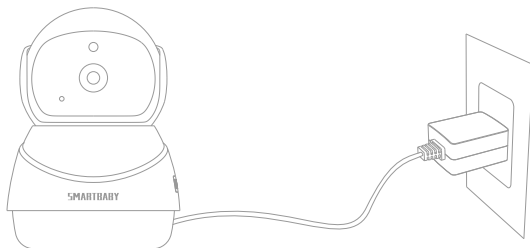
Step1:

Charge the monitor by connecting the A/C adapter included in this package to the monitor and a socket. (It takes about 4 hours for the monitor to be fully charged).



Step2:

Use the provided AC adapter included in this package to connect the wall outlet with the baby unit.



Note:

*Place the camera at least 3ft / 1m away from your baby. Gently press and hold the Power Button for 3s to turn on the monitor, then you can see the live view.

*Follow your needs to adjust the sound, brightness, and reasonable placement of the camera.

Tips:

To use the baby monitor, you must be able to establish a radio link between the monitor and camera, and the range will be affected by environmental conditions:

*Any large metal object, like a refrigerator, a mirror, a filing cabinet, metallic doors or reinforced concrete between the baby and parent unit may block the radio signal.

*The signal strength may also be reduced by other solid structures, like walls, or by radio or electrical equipment, such as TV, computers, cordless or mobile phones, fluorescent lights or dimmer switches.

*When using the other 2.4GHz product, such as wireless networks (Wi-Fi routers), Bluetooth systems, or microwave ovens, may cause interference with this product, so keep the baby monitor away at least 5ft(1.5m) from these types of products.

3.2 PAN AND TILT

The camera unit can be remotely controlled from the Monitor Unit

Step1. Press the Pan/Tilt key  enter the Pan/Tilt mode.

Step2. Press  or  to tilt upward or downward.

Step3. Press the  or  to pan left or right.

Step4. Press the Pan/Tilt key  to exit the Pan/Tilt mode.

Note: During the Pan/Tilt can not use the navigation key to adjust volume and brightness.

3.3 NIGHT VISION MODE

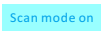
When the built-in photo sensor detects a low level of ambient light, the screen on the Monitor Unit will display in black and white. the  icon will be displayed on the top of the screen.

3.4 TALK MODE

Press and hold the  on the Monitor Unit to talk to your baby through the Camera Unit's loudspeaker. A   icon will be displayed at the top right corner of the screen.

3.5 SCAN AND SWITCH THE CAMERAS

Short press the OK key  to switch camera view when two or more cameras are connected.

Long press OK key  to enter scan mode, a  icon will be displayed at the bottom left corner of the screen for 8 seconds, The camera switch icon will displayed on the top of the screen. Each camera's video will be stay on the LCD around 18 seconds.

Short press the OK key  to quit the scan mode.

Note: This function is only available when two or more cameras are paired.

4. FUNCTION OVERVIEW

4.1 LULLABY SETTING

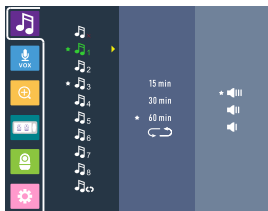
You can soothe the baby to sleep by playing a gentle lullaby from the baby unit.

Step1:

Press Menu / Exit key  and the menu will pop up.

Step2:

Select the lullaby you want to play through the NAVIGATION key and OK key .



Step3:

Set playback duration and volume through the NAVIGATION key and OK key .

Step4:

Press the Menu / Exit key  to Exit.

4.2 VOX SETTING

This mode allows you to control the sound activation of your baby monitor. The VOX default setting is OFF. If there is no sound around the camera within 30 Seconds, it will stop transmitting.

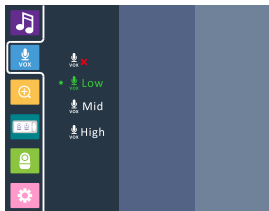
The monitor screen turns off when the camera is not transmitting.

When the camera detects the sound is louder than set sensitivity level, it will start transmitting the signal to the monitor again change the VOX level, please follow the next instructions:

Step1:

Press the Menu / Exit key  and the menu will pop up.

Press UP key  or DOWN key  to select VOX setting .



Step2:

Set the VOX level through the NAVIGATION key and OK key  .

Step3:

Press the Menu / Exit key  to Exit.

NOTE:

To resume the video and audio signal manually on your parent unit when VOX function is on, briefly press any key on your parent unit.

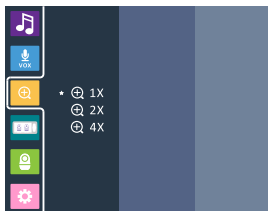
4.3 DIGITAL ZOOM

Step1:

Press the Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select digital zoom setting.

**Step3:**

Set the zoom scale through the NAVIGATION key, Press OK key  to confirm.

Step4:

Press the Menu / Exit key  to Exit.

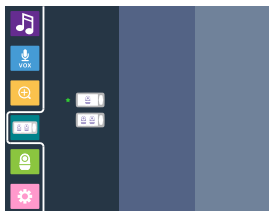
4.4 SPLIT SCREEN SETTING

Step1:

Press the Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select split screen setting.

**Step3:**

Choose single screen display or dual screen display through the NAVIGATION key, Press OK key  to confirm.

Step4:

Press the Menu / Exit key  to Exit.

NOTE:

This function is only available when two or more cameras are paired.

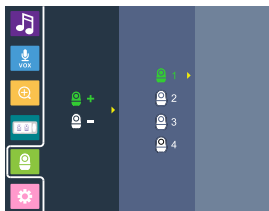
4.5 PAIRING THE CAMERA AND MONITOR

Step1:

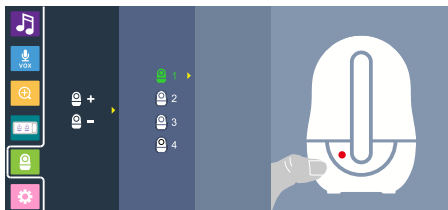
Press Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select pair camera setting.



Select the camera to be paired through the NAVIGATION key, Press OK key  or right key  to start the pairing. While the screen shows pairing then long press the PAIR button  on the back of camera. Once paired, then the screen will display the image from the camera.



Step3:

If unsuccessful, please repeat above steps.

Step4:

Press menu key  to exit menu.

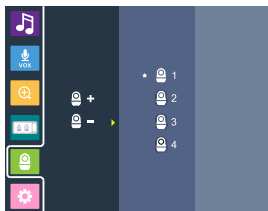
4.6 DELET THE CAMERA

Step1:

Press Menu / Exit key  and the menu will pop up.

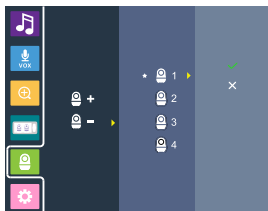
Step2:

Press UP key  or DOWN key  to select the delete camera icon.



Step3:

Select YES  and press ok key  to delete the camera.



Step4:

Press menu key  to exit menu.

4.7 SETTING

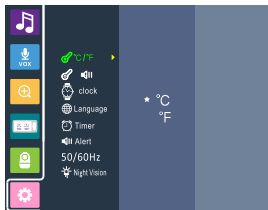
4.7.1 Temperature unit setting

Step1:

Press Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select the setting icon.



Step3:

Press right key  to Select  °C/°F ,

Step4:

Select °C or °F , Press OK key  to confirm.

Step5:

Press the Menu / Exit key  to Exit.

4.7.2 Temperature alert setting

Step1:

Press Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select the setting icon.

Step3:

Press right key  to Select   ,



Step4:

Set the appropriate maximum and minimum temperature, Press OK key

 to confirm.

Step5:

Press the Menu / Exit key  to Exit.

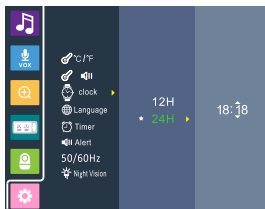
4.7.3 Time format setting

Step1:

Press Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select the setting icon.



Step3:

Select the time display format and set the appropriate time, Press OK key  to confirm.

Step4:

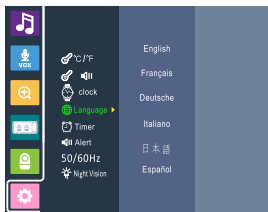
Press the Menu / Exit key  to Exit.

4.7.4 Language setting**Step1:**

Press Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select the setting icon.

**Step3:**

Select the language, Press OK key  to confirm.

Step4:

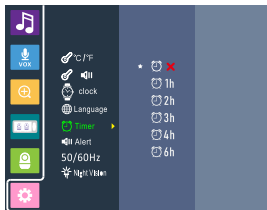
Press the Menu / Exit key  to Exit.

4.7.5 Timer setting**Step1:**

Press Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select the setting icon.

**Step3:**

Select the alarm timer, Press OK key  to confirm.

Step4:

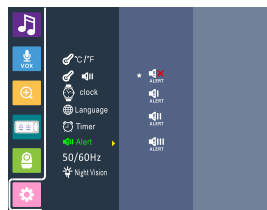
Press the Menu / Exit key  to Exit.

4.7.6 Warning alert volume setting**Step1:**

Press Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select the setting icon.



Step3:

Select the alert volume, Press OK key  to confirm.

Step4:

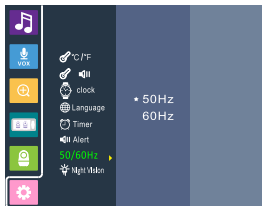
Press the Menu / Exit key  to Exit.

4.7.7 Frequency setting**Step1:**

Press Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select the setting icon.

**Step3:**

Select 60Hz if you are in North America, select 50Hz if you are in EUROPE.

Press OK key  to confirm.

Step4:

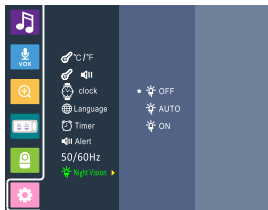
Press the Menu / Exit key  to Exit.

4.7.8 Night vision setting**Step1:**

Press Menu / Exit key  and the menu will pop up.

Step2:

Press UP key  or DOWN key  to select the setting icon.

**Step3:**

Select the working status of night vision, Press OK key  to confirm.

Step4:

Press the Menu / Exit key  to Exit.

The default setting is AUTO. If you choose OFF, the item will not enter the night vision mode even in darkness. If you choose ON, the item will always in the night vision mode. It will show black and white picture all the time.

5. TECHNICAL DATA

5.1 System General

Frequency	2.4GHz FHSS
Operation Environment	Indoor use only; Temperature: 0-40 °C ; Humidity: 5% to 90% rh. (relative humidity)
Operating Range	Up to 900 feet (straight line and open space)
Power adapter	Input: 100-240VAC 50 / 60Hz, 300mA Max Output: 5V, 1.2A
LCD	5.0" LCD Screen
Rechargeable battery for monitor	Model: 503450; 3.7V, 2100 mAh
Operating time with battery fully charged (parent unit)	Up to 12 hours (VOX on)
Image sensor type	1/6.5" Color CMOS image sensor
IR LED Type	940 nm

6. TROUBLE SHOOTING

Product does not switch on	*Confirm that the Camera and Monitor Unit are ON(check power LED indicator). *Confirm that Power adapters are properly connected.
Reception Interference (static)	*The camera and Monitor Unit may be too far apart. *The battery power may be too low. *Other electronic devices may be interfering with the signal. *The Camera or Monitor Unit may be in close proximity to large metallic objects causing interference. *Use of other 2.4GHz products, such as wireless networks (Wifi routers), Bluetooth systems, or microwave ovens, may cause interference with this product. Keep Camera and Monitor Unit at least 5ft (1.5m) away from these items, or turn them off if they appear to cause interference.
Camera Unit loses link with the Monitor Unit	*If the Camera Unit is too far away with low reception, move the Camera Unit closer to the Monitor Unit. *Reset both units by disconnecting them from battery and electrical power. Wait about 15 seconds, then reconnect. * Large metallic objects, including doors, refrigerators, mirrors, filing cabinets, and also reinforced concrete, may block the radio signal if between the Camera and Monitor Unit. * The signal strength may be reduced when in close proximity to radio or electrical equipment, such as TVs, computers, cordless or mobile phones, fluorescent lights or dimmer switches. * Use of other 2.4GHz products, such as wireless networks (Wifi routers),Bluetooth systems, or microwave ovens, may cause interference with this product. Keep Camera and Monitor Unit at least 5ft (1.5m) away from these items, or turn them off if they appear to cause interference. * Pair the Camera Unit under a different channel. (chapter 4.1)
No picture from a Camera Unit	*Check all connections to the camera. Confirm that the adapter is plugged in. *Make sure that the Camera Unit is within range of the monitor. *Confirm that the Camera and Monitor Unit are paired.
No sound from Monitor Unit	* Volume setting may be too low. Adjust to a higher setting.

Picture is black and white	*Night vision LED may be ON. Night vision mode operates in black and white. *Turn on room lights to force monitor out of night vision mode.
The picture playback is not smooth (choppy video with low frame rate)	*Try moving the Camera Unit closer to the Monitor Unit *Remove obstructions between the Camera and Monitor Unit. *Use of other 2.4GHz products, such as wireless networks (Wifi routers), Bluetooth systems, or microwave ovens, may cause interference with this product. Keep Camera and Monitor Unit at least 5ft (1.5m) away from these items, or turn them off if they appear to cause interference.
Noise (static, beeping)	*Battery power may be too low; recharge battery. *Possible alarm ring alert *Possible out of signal alert.
Noise interference on your Monitor Unit	*Volume may be set too high on the Monitor Unit. Lower volume. *The Camera and Monitor Units may be too close. Move them further apart. *The Camera Unit may be too far away and out of range. Move the Camera Unit closer to the Monitor Unit. *Make sure the Camera and Monitor Units are placed away from other electrical equipment, such as a television, computer or cordless/mobile telephone.
The battery will not charge	*The Adapter may not be properly connected *Try using the other Adapter included.
Pairing failed	*Make sure that the Adapter is connected to the Camera Unit. Try pairing to another CAM channel.
Video not clear with stagnant spots/marks on the screen	*Make sure there is no dirty on lens

FCC STATEMENTS:

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

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



CUSTOMER SUPPORT

If you encounter any problems in the process of using the product, please feel free to contact us, we will reply to you within 24 hours and resolve the issue in a way that satisfies you.

Customer service e-mail address:

service@smartbaby.info

SMARTBABY

Live Chat Support

Learn more about IFAMILY, please visit us at

 <https://www.smartbaby.info>



Or
Scan QR Code &
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