

HM208 Wireless Baby Monitor Product Manual

1. Product Appearance Picture

Wireless Baby Monitor

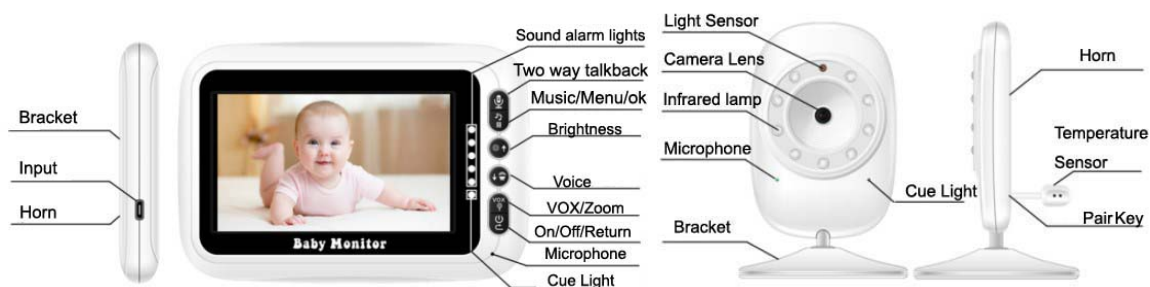
Product Manual



2. Note

- 1) Please read the manual carefully before using this product, please keep the manual for future reference.
- 2) The quality problems caused by unauthorized disassembly of products are not covered by the warranty.
- 3) The quality problems caused by the third party are not covered by the warranty.

3. Product components



4. Outstanding Functional Characteristics



Two-way voice talk

Talk with baby who is near the camera whenever parents need..



Baby soothing music

Play music (maximum 8 pieces) to sooth baby.



Baby crying warning light

The number (maximum 5) of warning lights above screen of host to be turned on is determined according to the volume of baby crying.



Monitoring image enlargement

Zoom in camera monitoring image to see clearly.



Infrared night vision

Eight night vision lamps help parents to see baby clearly in the night .



Air thermometer

Measure air temperature around baby at any time



2.4G Wireless digital encryption transmission

Do not need wire to transmit data over maximum 300M (984ft), easy to deploy.



Easy to operate with large buttons

Large buttons is convenient for person to operate the product with simple settings.



Beautiful and lovely appearance

Product appearance looks beautiful and lovely.



Multi-screen monitoring

Multi-screen monitoring with two cameras.



Nursing reminder

Set regular feeding time to remind mother.

5. Startup:

Host start up

During shutdown state, when the host with a screen connects to the 5V DC power or power of the built-in battery is enough, long press “” key, the host will start up and the screen will light. When the host connects to the 5V DC power, the built-in battery charges automatically until full.

Camera start up

When the camera is connected to 5V DC power, it starts up automatically.

After both the host and the camera are powered on and start up, if the host screen can not display the monitoring image taken by the camera correctly, the pairing settings are needed to be modified. See section below

6. Pairing settings.

pairing settings

- I. Initial pairing settings: Press menu key () to enter the menu when the host is on, then press Select key () or () select camera setting bar (), press menu key () to enter setting, then press Select key () to enter

pairing setting, select camera "1" or "2" () to be used, then the host indicator will flicker, in the meantime, long press the camera's pair key (on the backside of the camera). When the matching is successful, the host and the camera indicator will stop flickering at the same time, and the corresponding icon of "1" or "2" camera will appear "*" number (as shown in the figure ) to indicate the matching is successful.

II. Re-pairing: Re-pairing cameras need to delete the paired one , enter the pairing setting and select () to delete the paired camera. There will be a “* number” on the paired camera (), select the camera "1" or "2" to delete by press the confirmation key (). After deletion, the “*” will disappear to verify that the paired camera have been deleted, no camera matching. If you need to re-pair, pls follow the “I. Host-to-code setting” instruction as above.

Screen display

Video cycle: (This function is only valid for pairing two cameras at the same time, No need to operate with only one camera.) Press the key () to enter the settings toolbar, choose the icon () and enter the next menu. Select the icon () for matching the first camera and () for the second camera. Pairing two cameras at the same time, choose the icon ().

7. The key function of the camera.

There is a pair key on the camera backside as the code key (). Long press () the code key to connect with the host, when setting up the host pairing (Refer to article 5).

8. Key function description of host screen.

There are 6 function keys, (    ), each key have different functions with press short or long press or in different status (monitoring , menu status) . In the state of power-on and the screen is turned off (whether in VOX mode or not), press any key can light up the screen.

1 Inter phone keys:

Long press function:

I. Long press the key () to talk with child who is near to the camera.

2 Music and menu and enter key:

Short press function:

I. Short press the key () in the monitoring status, then enter the main menu (     ). It is default to select the first menu item, then press the enter key () to setting menu or enter the sub-menu (that is, OK or enter function) .

Long press function:

II. In the monitoring status, long press () to play the currently selected music, and long press () again to stop playing. The system menu supports looping single music ( ). By default , it play all music in loop .

3 Brightness plus a selection key:

Long press function:

I. In the monitoring status, long press () to enter the brightness setting menu , short press up or down key ( ) to set the brightness. Long press the key () again or without any operation in 3 seconds, the brightness setting menu will exit.

Short press function:

I. Brightness Settings: short press key () will increase the brightness, it will return the minimum when it reaches

the maximum level.

II. Volume Settings Menu: Short Press () will increase the volume, it will return the minimum value when it reaches the maximum.

III. Other settings menu: When short press () to select a menu option on the left or top menu, and then press once again it will select the rightmost menu option.

4 Volume and the next key:



Long press function:

I. In the monitoring status, long press () to enter the volume setting menu directly, it shows the volume on the screen . Long press () again or without any operation in 3 seconds, then exit the Volume Settings menu.

Short press function:



I. Volume Settings Menu: You can turn the volume down via short press the key (). It will returns the maximum volume once again when it reaches the minimum. It shows the volume on the screen when short press the key every time.

II. Brightness settings menu: Short press () to reduce the brightness of the screen, It will returns the maximum brightness once again when it reaches the minimum. It shows the brightness on the screen when short press the key every time.

III. Other settings menu: When short press () to select a menu option on the left or top menu, and then press again it will select the rightmost menu option.

5 VOX and zoom key:



Short press function:

I. In the monitoring status, short press the key () to zoom the image , and it will be returned to the original when short press the key again.

Long press function:

II. In the monitoring status, long press the key () to turn on VOX function, and long press () again to turn off VOX . It can light up the screen by pressing any button.

6 Power supply and return key:



Short press function:

I. In the monitoring status, short press the key () to turn off the screen. It can be light up again when press any key.

II. In the menu status, short press the key () to return to the previous menu.

Long press function:



I. Long press the key () to turn off. Long press the key () to turn on in the shutdown state. But it must be done after 5 seconds when it turns on or off.

9. Product Specifications

category		parameter
Receiving frequency		2400 ~ 2483.5MHz
Modulation/demodulation		FSK/GFSK
Antenna		Built-in copper tube antenna
Transmission distance		300M(984ft)
Operating temperature		-40℃~85℃
Storing temperature		-40℃~85℃
Operating humidity		85%RH
	RX sensitivity	-89dBm(Typ.)@3MHz BER<1E-3
	LCD Screen Material	TFT
	LCD screen size	4.3"
	Number of pixels	480(R.G.B)*272
	Pixel size	0.198(W) × 0.198(H)
	Display color	262K
	LCM outline Size	105.42(W)*67.07(H)*3.0(T)
	LCD Screen brightness	300cd/m3
	Contrast ratio	3000:1
	Input	DC 5V 1A
	Photosensitive chip	CMOS
	Pixel	640*480
	Visual angle	PAL: 65°
	Minimum illumination	1.5Lux/F1.5
	Input	DC 5V
	Night vision distance	≤8M

10. Troubleshooting Guide:

1) Screen of host cannot light

(a) If the host is in a power saving state, press any key to light screen.

B) Check whether the 5V DC power supply is power on . Make sure that the USB plug of the power adapter is correctly inserted into the 5V DC socket of the host and the two metal plugs at the other end of the power adapter are correctly inserted into the electrified power socket. Please observe the power indicator lamp.

2) Screen of host cannot show monitor image

A) Make sure that there are not many big things such walls between the host and the camera for poor signal will cause on image.

B) Determine the host has been connected to the 5V DC power supply, screen of the host lights

C) Determine the camera is connected to the 5V DC power supply.

D) The host and the camera have paired successfully.

FCC Statement

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.

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

NOTE: 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 important announcement

Important Note:

Radiation Exposure Statement

Camera:

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.

Monitor:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.