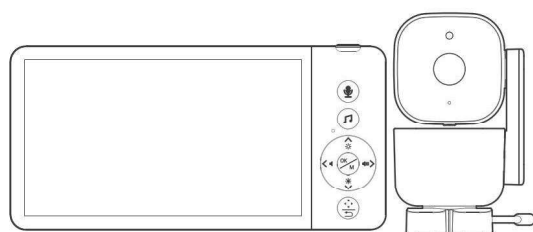


Baby Monitor



ABM720S User Manual

Dear Customer,

We are truly grateful that you chose our product, we hope that you will be happy upon enjoy the fantastic quality and our services. Meantime, any requirements, suggestions and expectations that will be most helpful for our product improved and created new to fit your standards.

This user's manual can guide you to understand how to operate this product and solve any problem, that customers may encounter in using our products. Please read carefully before using the device.

 Warning

DANGER - Keep the adapter cable away from the baby to avoid a choking hazard from entangling the baby's neck.

Keep the baby camera unit and cable out of the reach of children more than 3 feet or 1 meter away.

Do not place the camera or power supply in a child's cot/crib.

Camera settings and usage

- Fix the camera in a place where can be observed well of children/babies.
- Place the camera on a flat surface such as table, desk or shelf.

This baby monitor meets all standards related to electromagnetic fields and safe-use when operating in accordance with the instructions of user guide. Therefore, please read the user guide carefully before using the device.

- Must be assembled by adult.
- This baby monitor can be used for adult guardianship.
- Store this user guide for future reference.

- Do not cover the baby monitor with towel or blanket.
- Keep the baby monitor away water.
- Keep the baby monitor away heater, humidifier & others.
- Do not use other charger or power adaptor which may damage the device.
- Do not touch the plug with a sharp or metal object.

Important notes for installing a baby monitor

- When using, must check wireless Transmission smoothly connected between camera and the monitor, The wireless Transmission distance is affected by environmental conditions.
- Any heavy metal or home appliance will be block wireless signals transmit, such as refrigerators, metal doors or reinforced concrete.
- The strength of signal may be attenuated by solid buildings (such as walls), radios or electrical equipment (such as televisions, computers).
- If the signal lost, try to move the device to different location indoors.
- Do not put monitor and camera together within 1.5 meters, otherwise, it will cause howling.

Unit Package :

* Camera

* Monitor

* User Manual

* Power Adapter+ power-charging cable (Longer charging cable for camera)

Please use a DC 5V adapter, preferably the original one.

* Bag of screws

WARNING

Strangulation Hazard:
Keep cords out of children's reach (minimum 3ft/1m distance)
Do not remove this tag.
Cable for camera side

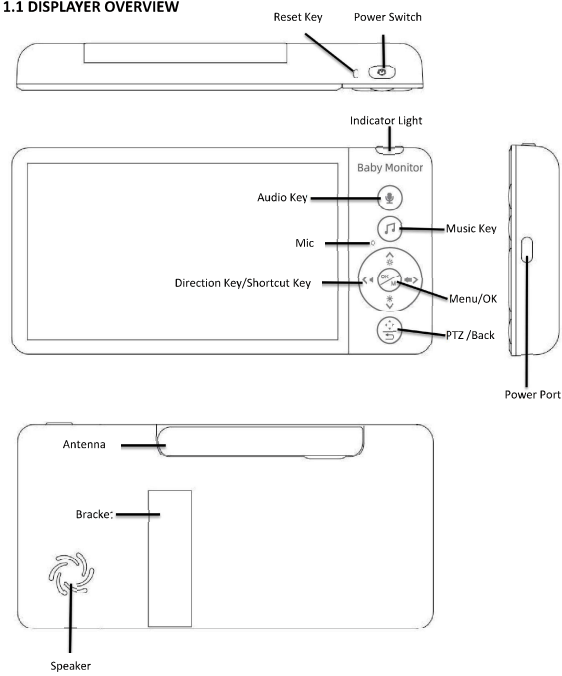


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1. PRODUCT OVERVIEW

1.1 DISPLAYER OVERVIEW



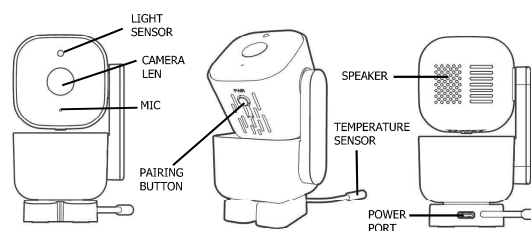
1.2 DISPLAYER STATUS BAR ICON

	SIGNAL LEVEL (5 Levels)
	NO SIGNAL
	CAMERA 1 WIFI SIGNAL
	CAMERA 2 WIFI SIGNAL
	CAMERA 1
	CAMERA 2 (customized)
	CAMERA IMAGE ZOOM IN 2 TIMES
	CAMERA SWITCH
	LULLABY TURN ON /OFF
	VOLUME SETTING (6 levels can be set)
	INTERCOM MODE
	NIGHT VISION MODE
	CRYING DETECTION (HIGH,MED,LOW)
	BABY ROOM TEMPERATURE DISPLAY
	SYSTEM TIME
	BATTERY POWER

1.3 DISPLAYER MENU ICON

	Feeding Reminder Time Setting (Can Set 5 Alarms)	0:30 1:00 2:00 3:00 4:00 OFF
	Lullaby Selection (8 Lullabies)	1 2 3 4 5 6 7 8
	Temperature Setting(°C/°F ,Temperature alarm on/off/High temperature warning/low temperature warning setting)	C F °
	VOX Sound Detection Setting	H M L
	Camera zoom in / out	Q1 Q2 Q4
	Camera Selection (add/delete/switch/wifi config)	➕ ➖ 🔄 📶
	Settings(Time/Volume/Brightness/Language/Automatic brightness/Wifi switch/Auto tracking switch/Light source frequency/Camera working indicator light switch/TF card format	🕒 🔊 🌞 🌐 🔄 🔦 ⚙️ 🗑️
	APP download (APP Store/Android)	

1.4 CAMERA OVERVIEW



2. OPERATION

2.1 HOW TO TURN ON DEVICE

The baby monitor comes with two power adaptors and two USB charging cables. One is to connect the camera, the other is to connect monitor for battery charging.

Camera: Connect the camera to 110-240V AC outlet or USB port, the camera will be turned on automatically, the blue indicator light will be light-on. Unplug the camera to turn it off.

Monitor: Pull-out antenna first, press and hold the Power Switch of the monitor for 3 seconds to turn it on or off. Please charge the monitor when you start to use it for the first time.

2.2 PAIRING

As the monitor and camera were paired in advance, once they were turned on, they will be connected automatically. If not, follow the steps as below:

(1) Turn on the monitor and press menu button . Press  or  to select camera . In the pop-up bar, press  button to select  and press  to confirm, and then press  or  to choose  or  to pair. At this time, a prompt  will appear on the monitor screen, press and hold the pairing key on the camera for 3 seconds, when they paired successfully you will see the image from the camera on the monitor, and the camera symbol becomes  or .

(2) The camera can be paired to maximum 2 monitors, if you want to add the second camera please follow the steps as above.

(3) If the camera status is  or  but there is no image show on the monitor, select  and choose  or , then select  to delete the current camera and re-pair it.

If there is no device pairing within 1 minute, it will automatically exit the pairing mode.

2.3 CHECKING THE IMAGE OF BABY CAMERA

When both the camera and the monitor turned on, the monitor should be able to show the image from the camera (If the monitor does not show the image please check the pairing condition.)

- (1) Please make sure the camera is powered on.
- (2) If the connection fails, please re-pair according to the **2.2 PAIRING** instruction.
- (3) Press the key  to enter the menu, press  or  to select , in the pop-up bar, select  and press the key  to select the camera you want to watch.

(Note: If the pairing fails several times in a row, please contact the after-sales service or local dealer.)

2.4 HOW TO CONNECT THE CAMERA TO THE APP

(1) Download and setup the App “BBM Camera”

Download “BBM Camera” from App Store or Google Play from your smartphone,



or scan the QR code  from  in the menu, register and login to “BBM Camera” APP.

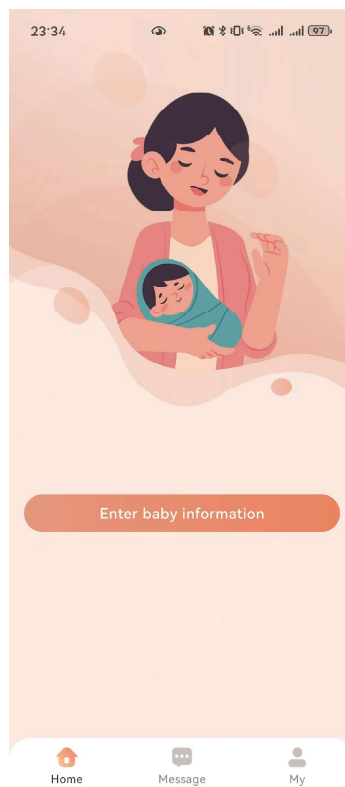
Please note: Using the APP requires authorization for location, microphone, and camera. Therefore, when the authorization prompt pops up during the usage process, please select "Agree".

(2) WiFi settings on smartphone

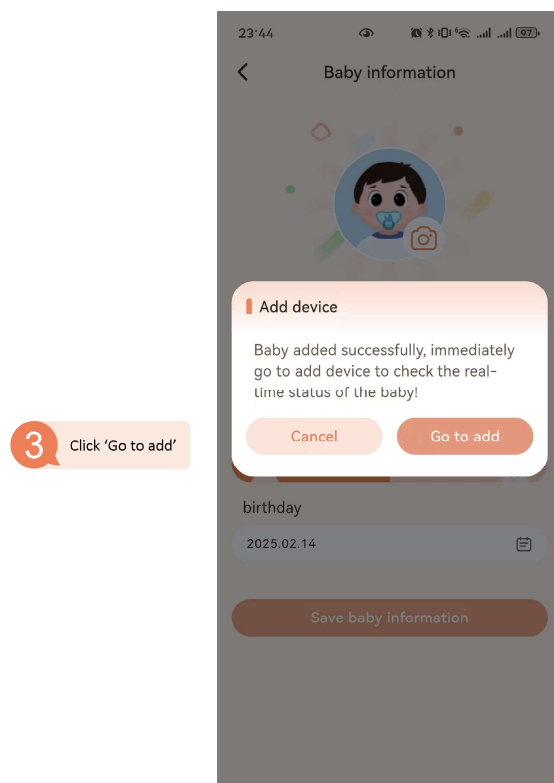
Please make sure your smartphone connects to 2.4GHz WiFi when configuring the camera to network (because the camera can be connected to 2.4GHz WiFi only), you can reconnect your smartphone to 5GHz WiFi once the App configuration is completed.

(3) Login to the App to add baby's information.

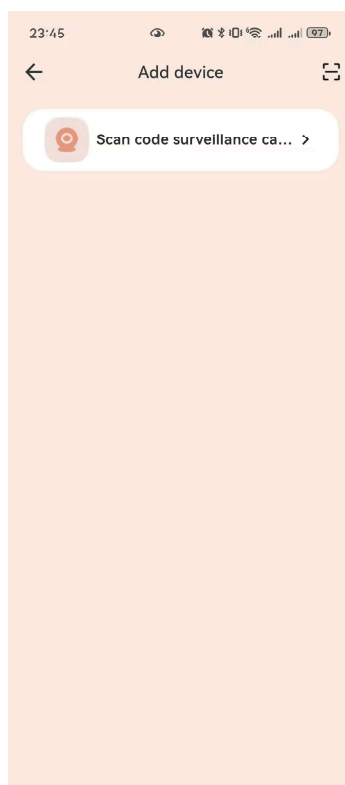
1 Press 'Enter baby information'



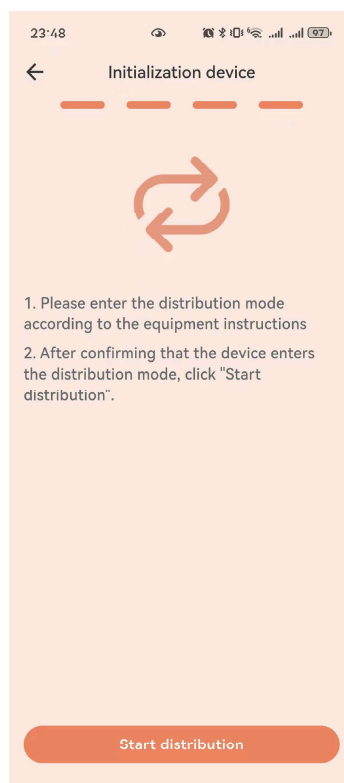
2 Enter baby information

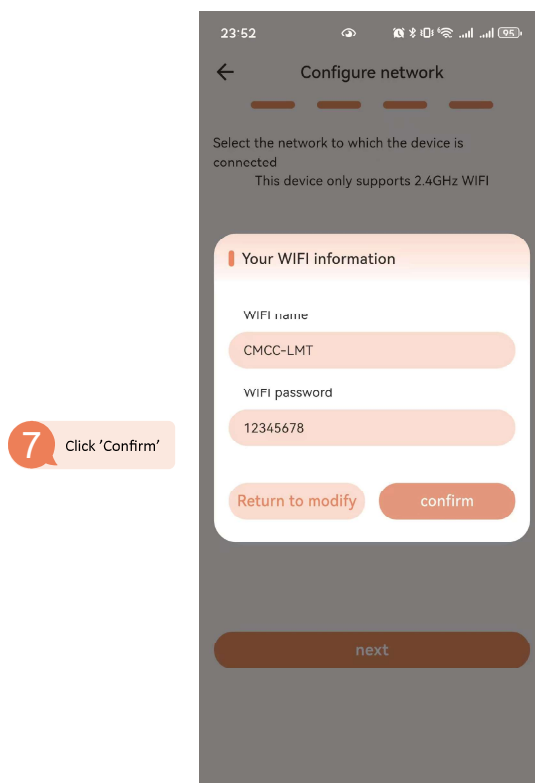


4 Click 'Scan code surveillance ...'



5 Click 'Start distribution'





8 Operation description

18:44

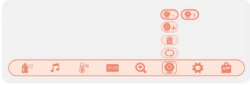
Configure network

Operation description

1. Please ensure that the camera is powered on (the power indicator light is on).



2. Turn on the monitor to enter the main menu, select the camera to enter the secondary menu and choose the network distribution operation



3. Press "OK" to enter the distribution network mode interface

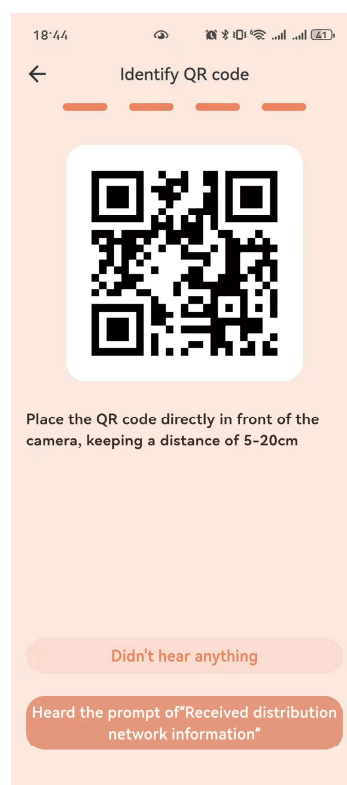


Enter the distribution network mode

Didn't hear anything

Heard the prompt of "Enter distribution network mode"

9 Waiting for pairing



(4) Pairing network from the monitor

Turn on the monitor and press menu key  to enter the main menu . Press  or  to select camera  . In the pop-up bar, press  button to select  , and press  to confirm, press  and then press  or  to choose  or  , select the current camera to enter pairing mode, you will see prompt appears on the

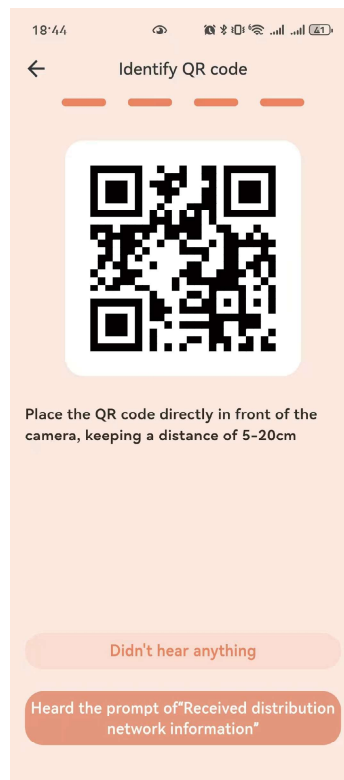


monitor: you will hear voice prompt "Enter distribution network mode" from the camera , and you will see the prompt on the

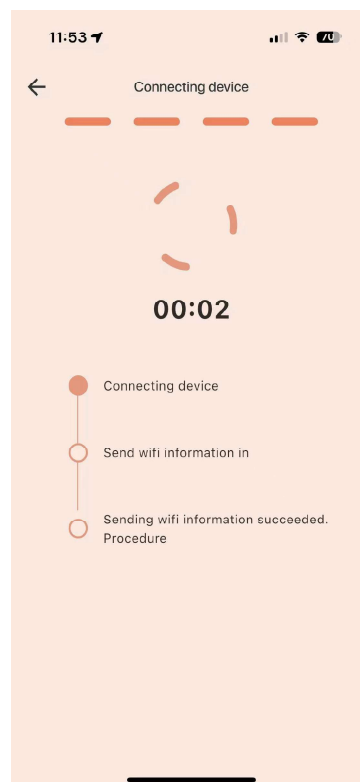


monitor , place the QR code against the camera to scan it. (please make sure the distance between the camera and the phone is with 5 to 20cm.)

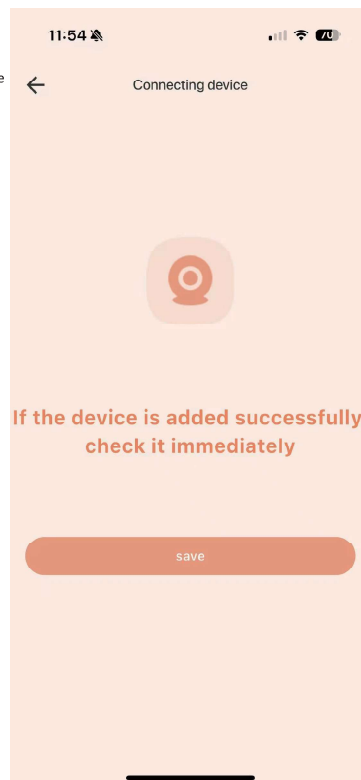
When you hear "Received distribution network information" click



"Heard the prompt of 'Received distribution network information'" ,you will see



, when you hear "Network Connection Successful" and when the following interface appears



click "Save", then the network pairing is successful.

(5) If not please double check the WiFi account and password information then try again.

3. CAMERA USAGE

3.1 PAIRING BUTTON

Keep pressing pairing button 3 seconds to enter the pairing mode.

3.2 INFRARED LED

The camera is equipped with 1 piece high-intensity infrared LED light, which helps to capture clear images in the dark. When the built-in optical sensor detects that the ambient light is weak, the infrared LED will become automatically light up. The screen of the monitor will be shown in black and white color, and the  icon will be displayed in the status bar at the top of the screen.

4. BUTTONS OF THE MONITOR

4.1 INTERCOM MODE

While you need talk to your baby, please press  and hold it to talk, release  when the conversation is over.

4.2 LULLABY

(1) Press the music key  to play the lullaby, and press again to turn off the lullaby.

4.3 CAMERA ROTATION

(1) Press  briefly to activate the camera remote control mode, when you see the arrows  on screen press the direction button  to adjust the camera rotation angle.

(2) When you are using the menu, press  to go back.

4.4 VOLUME ADJUSTMENT

Press  or  to adjust a larger or smaller  volume. The volume has 6 levels for option.

4.5 DISPLAY BRIGHTNESS

Press  or  to adjust the brightness  directly. It has 6 levels.

5. THE DISPLAYER MENU

5.1 FEEDING REMINDER (ALARM)

Press  choose , select the alarm time (0.5h/1h/2h/3h/ 4h) for the feeding reminder, press  to confirm. Press  to exit the menu.

If the alarm time is set, the monitor will beep every 0.5h/1h/2h/3h/ 4h, and the flashing feeding mark will appear on the screen. Press any key to cancel feeding reminder.

5.2 LULLABY

Press  to enter the main menu, select , in the pop-up menu bar, press  or  to select the lullaby ~, press  to confirm. When the lullaby is playing the  will be highlighted and the icon becomes , when it stopped playing the icon becomes  again. 

 --Lullaby setting

 ---Single cycle

 ---Loop

 --- Use  or  to adjust volume

5.3 TEMPERATURE DISPLAY

(1) Press  to enter the main menu, select , use  or  to select  or , press  to confirm.

(1) Select  and press  to enter the sub-menu of setting the alarming temperature.

--- Set the temperature alarm mode

In  mode: The temperature value on the status bar will change color when the temperature not in the threshold.

In  mode: If temperature not in the threshold, the temperature value on the status bar will change color, the screen will appear an icon  or  prompt also a beep alarm.

--- Set the upper limit of the temperature alarm threshold

Press  and  to set the temperature value to be warned (°C setting range 28°C ~37°C, °F setting range 82°F ~98°F). If the current ambient temperature is lower than the warning temperature, the system will trigger a temperature warning.

--- Set the lower limit of the temperature alarm threshold

Do the same to set the low warning temperature (°C setting range 0°C ~28°C, °F setting range 32°F ~82°F). If the current ambient temperature is lower than the warning temperature, the system automatically prompts a low temperature warning.

Press any key to cancel Beep sound. If the temperature has not returned to the threshold range, the beep alarm sound will still be emitted 30 seconds later.

5.4 VOX SETTING

5.4.1 VOX mode off:

(1) Press  to enter the main menu, select  and choose  to turn off the VOX mode.

(2) At the status of VOX-off, press the key , the display screen will shut down but the sound from the camera still can be heard at any time. This mode can be used when the baby is playing but the adult needs to leave for a while.

5.4.2 VOX mode on:

Press  to enter the main menu, select  and choose    to turn on VOX mode, the screen and sound will be turned off in 30 seconds. When the ambient sound of the camera is louder than the set value, the display screen will light up and you can hear the sound from the speaker. You can use this mode at night.

The screen will be off in the VOX-on mode, you can press any button to quit VOX mode.

5.5 CAMERAM ZOOM IN

Press  choose , select zoom in  or  or , then press  to confirm.

5.6 CAMERA DISPLAY SELECTION

Press  choose , press  or  to choose ,  or , then press  to enter the sub-menu .

(1) Add camera: Select , then press  to choose  or  for pairing. After the pairing is successful, the monitor will show the image from  or .

(2) Delete camera: Select  to enter delete mode, and then press  to delete  or , it will prompt  or , select  to delete, select  not to delete, if delete successfully, the icon  convert to , "no-camera-connection" will be reminded.

- (3) Select , then press the key  to see the sub-menu, and choose the  or  to view the corresponding image. Or you can choose  to enter cyclic mode, and the image from the cam1 to cam2 will switch in every 15 seconds.
- (4) Camera can be placed on the table or hang upside down, you can set the display image direction   from the menu.
- (5)  For WiFi network configuration, please refer to the details in Section 2.4.

5.7 SETTINGS

5.7.1 Time Settings

Press  choose , select , then press  to enter the sub-menu . use  or  to switch from hour, minute and second, use  or  to adjust hour, minute and second, press  to save the time setting and go back.

5.7.2 Volume Adjustment

. Press  choose , select , press  to enter volume control button , press  or  to make volumn up/down, total 6 levels of volume.

. Press  or  to adjust the volume   directly. 6 levels can be adjusted.

5.7.3 Brightness Adjustment

. Press  choose , select , press  to enter brightness control button , press  or  adjust the brightness of the screen.

. Press  or  to adjust the brightness   directly. 6 levels can be adjusted.

5.7.4 Language Settings

Press  choose , select , press  to enter language list, 8 languages optional.

5.7.5 Low-power Settings

Press  choose , select , press  to select    .

---Turn off the low-power mode.

  ---The monitor screen will automatically dim when no operation made or no moving object was detected in 15 seconds/30 seconds/60 seconds. Press any key to restore the original brightness.

5.7.6 WiFi Switch

Press  choose , select , if WiFi set to  the camera will not connect to internet, no image will show in the phone App, if you need to check the camera image please set WiFi . Use   to turn the WiFi switch of camera  or , press  to confirm the settings.

5.7.7 Movement Tracking Switch

Press  choose , select , if the status is  the auto tracking function is closed, if the status is , when the camera detects any moving objects it will track it automatically. Use   to turn the tracking of camera  or , press  to confirm the settings.

5.7.8 Light Frequency Settings

Press  choose , select , press  to enter light frequency settings, according to different countries the light frequency can be set to  or . Use   to select the frequency and  to confirm the settings.

5.7.9 Camera Indicator Light Switch

Press  choose , select , press  to enter light switch, Use  to turn the indicator light of the camera  , press  to confirm the settings.

6. POWER LEVEL

The mark  shows the current power level, the mark  is lower power level and will 5 consecutive beep sound alarming, the beep sound will keep reminding .

7.SIGNAL

(1) Signal mark . If there is a large signal tower base station or high power signal interference equipments in the current environment, it may cause interference to Transmission and the mark  will be appear. When the signal disconnected for 5 seconds, the mark  will be appear and flashes, and the monitor will make beep sound for 5 times. After the 5 times of beep sound, the monitor will only leave the mark  flashing. Now the monitor is disconnected with the camera.

(2)Camera WiFi signal .If there is no WiFi signal in the current environment, the mark  will be appear.

8. CLEANING

Clean the device with a slightly damp cloth or an antistatic wipe. Never use detergents or abrasive solvents.

Cleaning and maintenance

- Do not use thinner, other solvents or chemicals to clean any part of the product, which will damage to the product. This damage is not covered by the warranty.
- Do not expose the product to high temperatures, humidity, or strong sunlight, and do not get it wet.

9. FAQ & TROUBLESHOOTING

1. Q: Why i see “no cam1” on the monitor screen and no image from camera?

A: Mostly it is because the camera is disconnected with the monitor, first please check if the camera is turned on, if yes please go to menu and check the camera connection status,  , if you see  , that means no camera is paired to the monitor, you need to pair the camera with the monitor, follow steps as mentioned in PARING. If you see  or , that means the camera is paired to the monitor but disconnected, you can delete the camera and reconnect it, delete steps:    or  , then follow steps as mentioned in PARING to re-pair it.

2.Q: Why the signal in the room is bad?

A: a. Check if the receiving antenna of the monitor is turned on;

b. Walls could block the signals, different walls could be made of different materials, so it is possible the signal intensity in different rooms is different, you can try to move the monitor to another place.

3.Q: Why the monitor howling?

A: Please keep the monitor and the camera away from each other for at least 1.5 meters.

4.Q:Why i can't see any images on screen in a sudden?

A: Please check if the monitor is too close to the camera and if it lost signal, restart the monitor and camera then it can be solved.

5.Q: Why i hear background noise?

A: It could be the sound of electric current and noise from the baby unit.

6.Q: Why the temperature is not precisely shown on the screen?

A: a. The indoor air circulation could cause the difference.

b. The thermistor got $\pm 1^{\circ}\text{C}$ deviation, and if any shielding around the thermistor could cause the variation.

10. SPECIFICATION

Technical Parameter			
Model	ABM720S	Display Size	5-Inch
Camera	1920*1080P	Transmission method	2.4GHz FHSS/WiFi
View Angle	75 Degree	Transmission Distance	300M(Open Space)
Battery	5000 mAh	Temperature Detection	Support
Monitor Power Consumption	1.3W	Cry reminder	Support
Camera Power Consumption	1.7W	Lullaby	Support
Working Temperature	-20℃~65℃	Feeding Reminder	Support
Material	ABS	Night Vision	Support
Camera Size	58.5*50*100 mm	Monitor Size	150*74*17mm(L*W*T)

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information:

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 & your body.