



Powerology

**Monitor and App
Baby Camera**

SKU: PSM003

Table of Contents

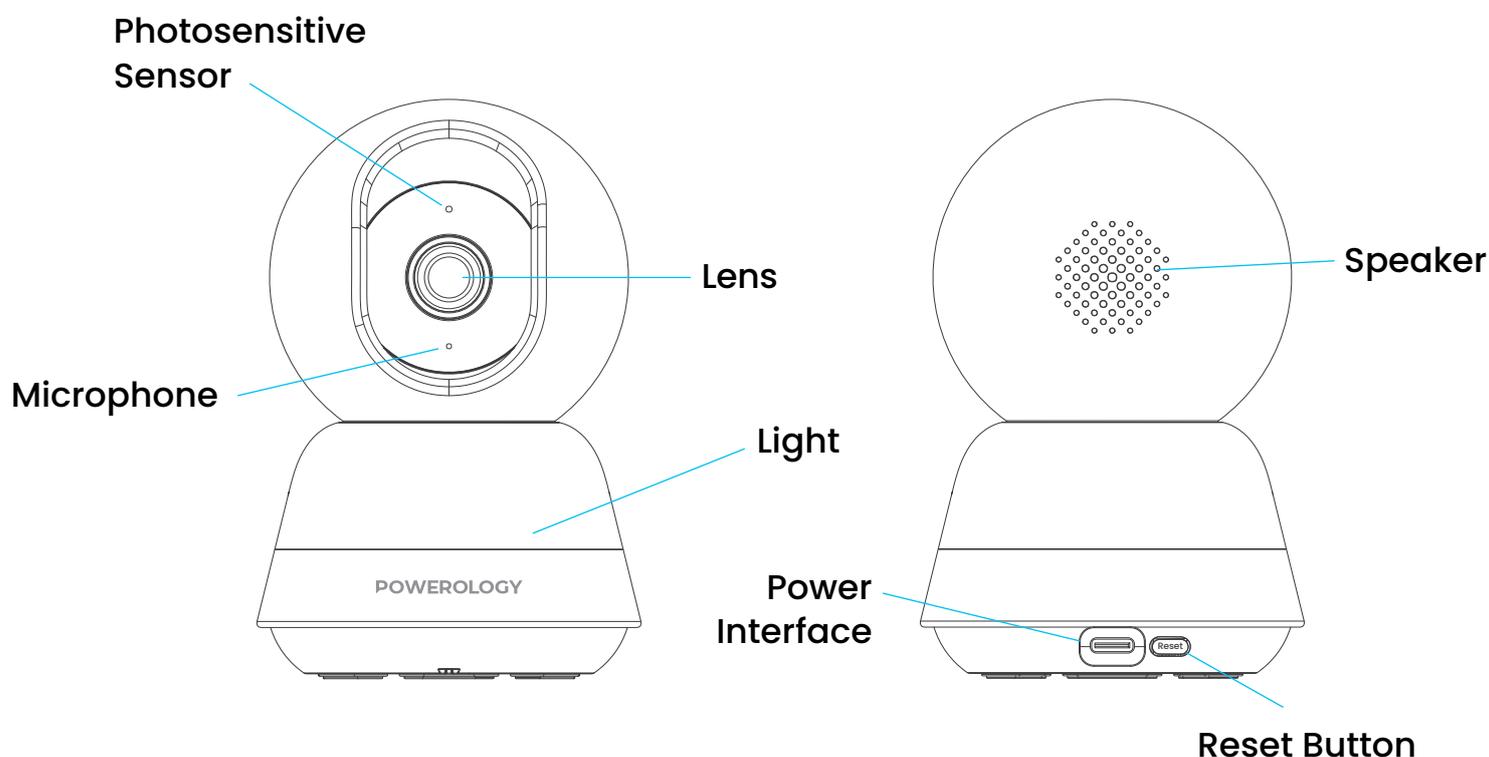
Safety Instructions	2
Product Overview	2
Reset Button	3
Specifications	3
Startup Notes	4
App Installation	4
Add Device by Scanning QR Code	4
Add Device by Bluetooth Pairing	8
Function Overview	9
Display Screen Overview	13
Display Function Introduction	15
Introduction to Main Menu Options	19
Product Maintenance	32
Installation Precautions	32
Precautions	32
Substances in the Product	33
Disposal	34
Warranty	34
Contact Us	34

Thank you for purchasing our product. This manual provides detailed information about the baby monitor and instructions for its proper use.

Safety Instructions

1. This product is not a substitute for adult supervision.
2. Place the product out of the infant's reach, maintaining a safe distance of at least 1.5 to 2 meters to ensure the infant's safety.
3. Keep the USB power cord away from the baby to prevent potential strangulation or other safety hazards.
4. This product is not a toy and should never be used by babies.
5. Use only the provided adapter with a power output of 5V/1A.

Product Overview



Reset Button

The reset button serves multiple functions including device reset, display pairing, and WiFi configuration.

1. Short press: Initiates display pairing mode.
2. Press and hold for 1 to 9 seconds: Activates WiFi network configuration mode.
3. Press and hold for 10 seconds: Resets the device to factory settings.

Specifications

Screen Size	5" HD
Resolution	1080×1920
WiFi	2.4GHz
Night Vision	Smart, Infrared, Color
Audio	Two-Way Intercom
Motion Detect	AI Tracking + Alerts
Lullabies	8 Built-In
Temperature Alert	>30°C / <14°C
Storage Options	Micro SD (up to 256GB - not included) Cloud Subscription
Power Consumption	<4W
Charging Interface	Type-C
App Support	Android/iOS
Model Number	SM03

Startup Notes

1. Press and hold the reset button for 10 seconds until you hear a prompt confirming the reset was successful.
2. Recommended storage: Use a high-speed MicroSD card (8–256GB). Without this card, features such as video storage, viewing historical footage, and firmware updates will not be supported.

App Installation

1. Download the app by scanning the QR code below to access the Powerology app and follow the prompts to complete installation.
2. Register and log in by opening the Powerology app and following the step-by-step guide to create an account and sign in.



Add Device by Scanning QR Code

1. Please confirm your Wi-Fi and internet connection are active and available.
2. Plug in the power cord and switch on the device.
3. Launch the Powerology app and tap "Add Device" on the home screen (image 01).

4. Select "Camera & Lock" from the device categories, then choose "Indoor PTZ Camera (Wi-Fi)" (image 02).

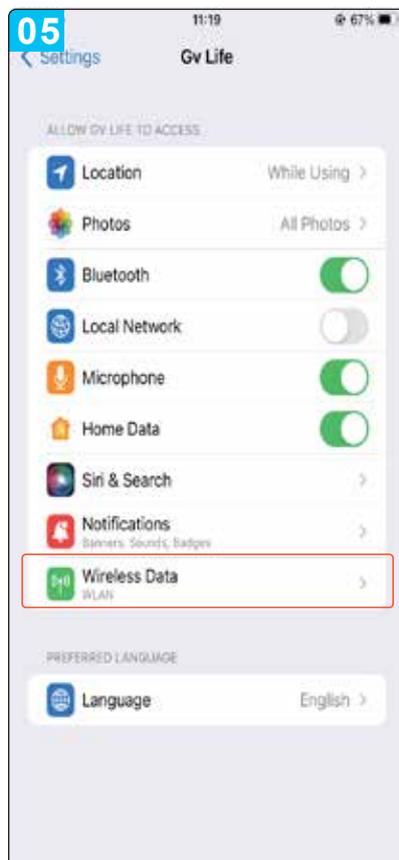
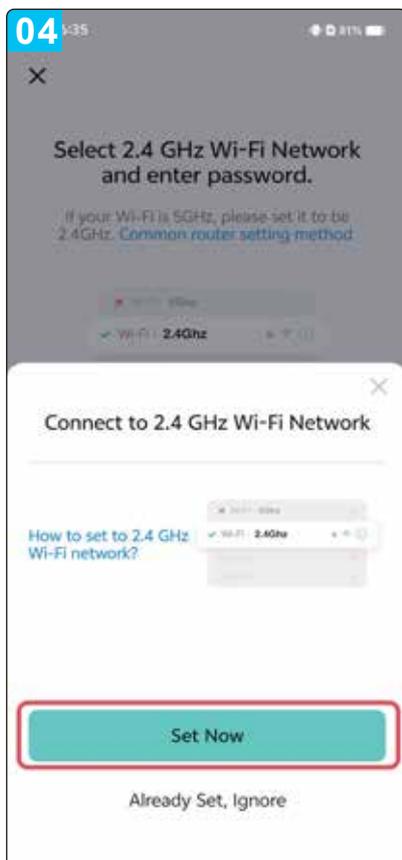
5. Tap "Next" to proceed with the device setup (image 03).



Attention: Please note that only 2.4GHz Wi-Fi networks are supported.

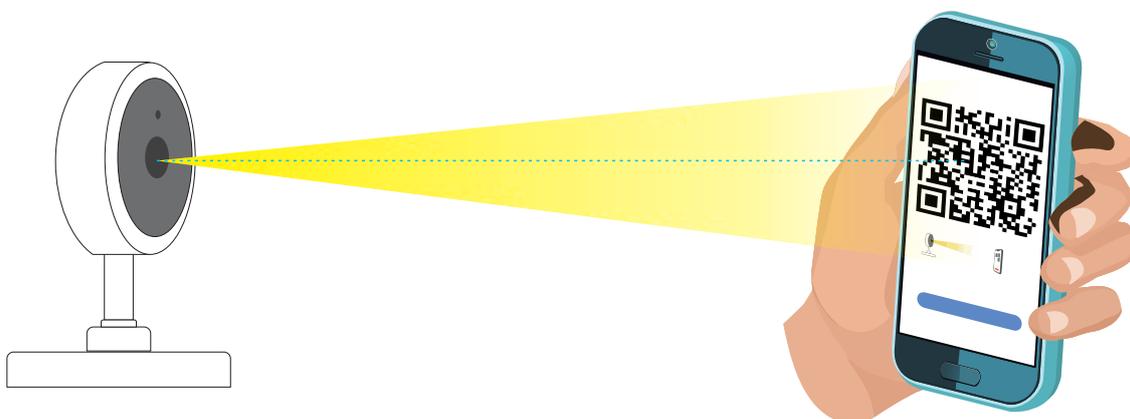
6. If your phone is not currently connected to Wi-Fi, tap "Set Now" (image 04) to access Wi-Fi settings, then enable "Wireless Data" (image 05).

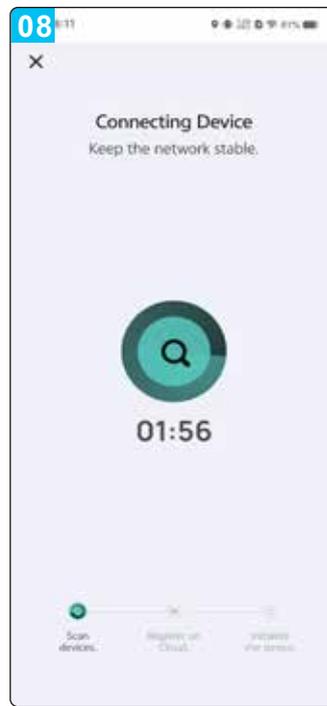
7. If your phone is already connected to Wi-Fi (image 06), tap "Next" to continue.



8. A QR code will appear on your phone's screen. Point your phone's screen towards the camera lens, maintaining a distance of approximately 30–20 cm. After hearing the audio prompt from the camera, tap "I Heard a Prompt" (image 07).

9. Your device will now begin connecting (image 08). Press and hold the camera's reset button for approximately 9–1 seconds until you hear a prompt sound, indicating the connection process has started.





10. Once the connection is complete (image 09), tap "Done".

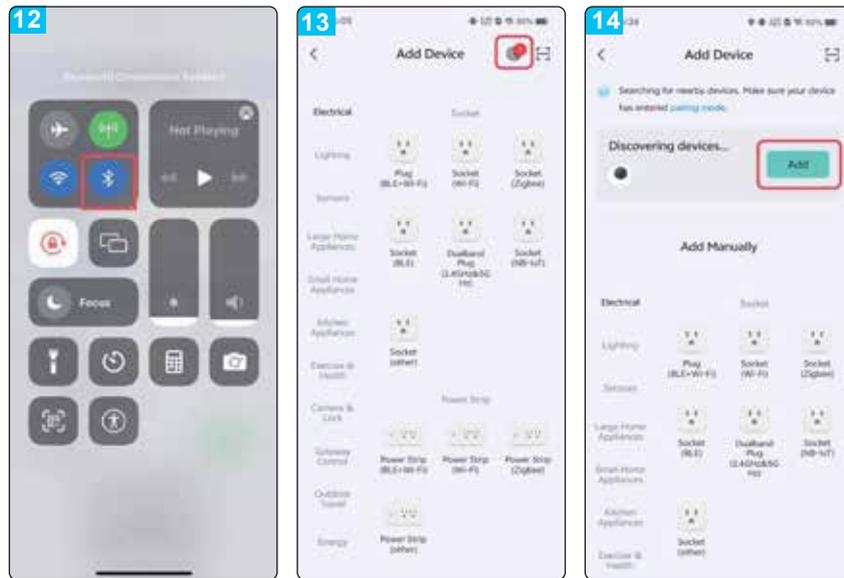
11. The app will automatically display the device preview screen (image 10).

12. After exiting the device preview screen, the app will return to the home screen. The newly connected device will now appear on the home screen (image 11). Tap the connected device icon to access and view live monitoring footage.

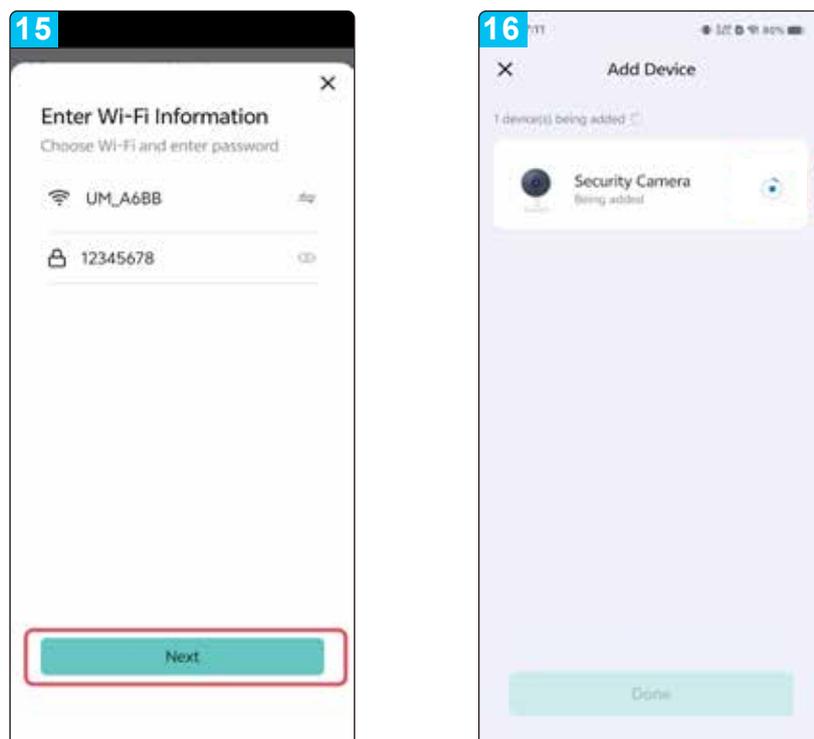


Add Device by Bluetooth Pairing

1. Enable Bluetooth on your mobile device (image 12).
2. Tap the icon at the top-right corner of the app (image 13).
3. Select "Add" to pair your device via Bluetooth (image 14).

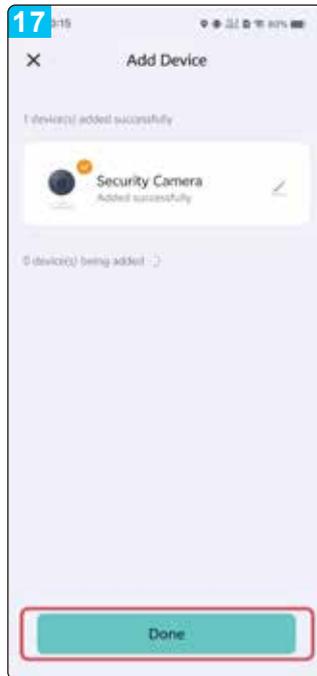


4. Connect to WiFi and click "Next" (image 15).
5. The page redirects to the "Add Device" page (image 16).



6. Once the device has been successfully added, tap "Done" (image 17).

7. The app will then redirect to the live monitoring video interface (image 18).



Function Overview

Cry Detection

The camera automatically detects when a baby is crying and sends a notification to the connected mobile device.

Temperature Monitoring

In the temperature settings, users can choose between Celsius and Fahrenheit units. Low and high temperature thresholds can be set. If the ambient temperature goes beyond the set range, the camera will trigger an alert and send a notification to the app.



Humidity Monitoring

Users can configure high and low humidity alarms in the humidity settings. When the ambient humidity exceeds or falls below the defined limits, the camera will send a notification to the app.



Meal Reminder

Users can set scheduled feeding times. When it's time to feed the baby, the app will send a reminder notification to the user's mobile device.



Light Control

Users can manually turn the camera's light on or off through the app. Additionally, a schedule can be set for the light to turn on and off automatically.



Cloud Storage

Once cloud storage is enabled, users can access video playback through the app even if a TF card is not inserted in the device.



Direction

Users can control the direction of the PTZ (Pan-Tilt-Zoom) camera and zoom in or out during live video preview.



Lullaby

The device includes seven preloaded lullabies. Users can adjust the volume, choose the playback order, and switch or pause the lullabies in the settings.



Voice Recording

Tap the voice button to start recording (up to 10 seconds). The device will automatically stop recording after 10 seconds, or users may stop it manually. When crying is detected, the device will play a soothing sound automatically.



Playback

Users can view recorded video history. (Note: A TF card is required for video storage.)



Motion Detection

When motion is detected, the device will send a notification to the connected app.



Gallery

Users can access and view screenshots and videos captured by the camera.



Messages

In the message section, users can view all notifications sent by the device.



Theme Color

Users can customize the app interface by switching the theme color.



Private Mode

When enabled, this mode disables all camera operations. Normal operation will resume automatically once the function is turned off.

 **WDR (Wide Dynamic Range)**

This feature allows users to adjust image brightness and contrast for clearer visibility in high-contrast lighting environments.

 **Night Mode**

Users can select from three night vision modes: Smart Mode, Infrared Night Vision Mode, and Color Night Vision Mode.

 **Motion Tracking**

When activated, the camera will automatically follow and track moving objects within its view.

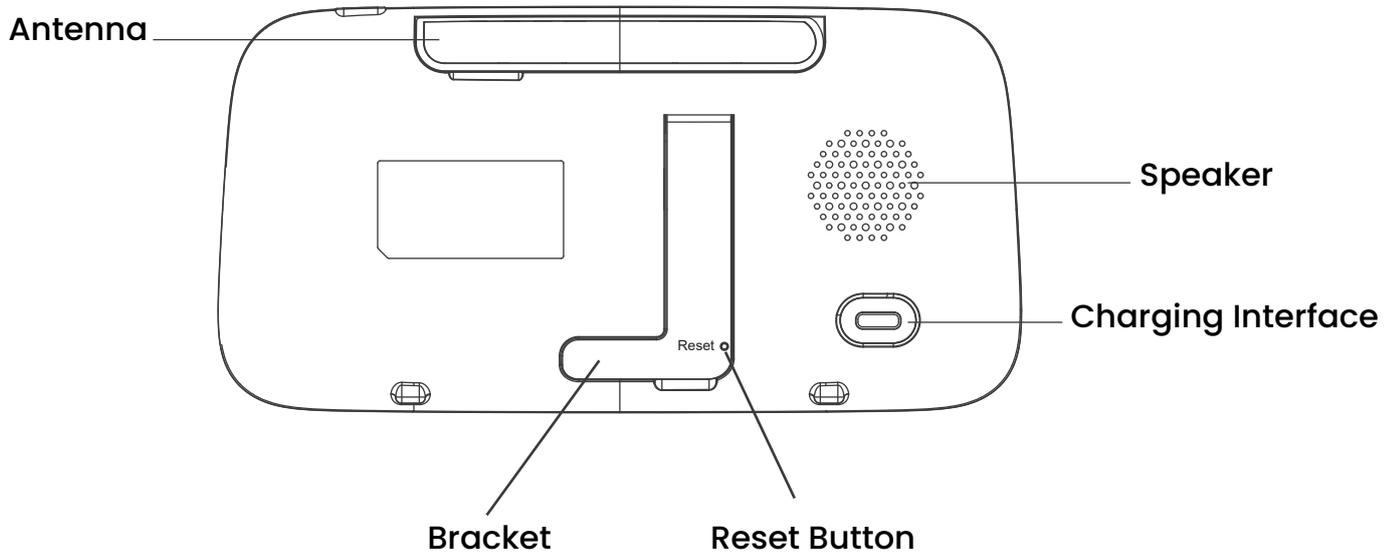
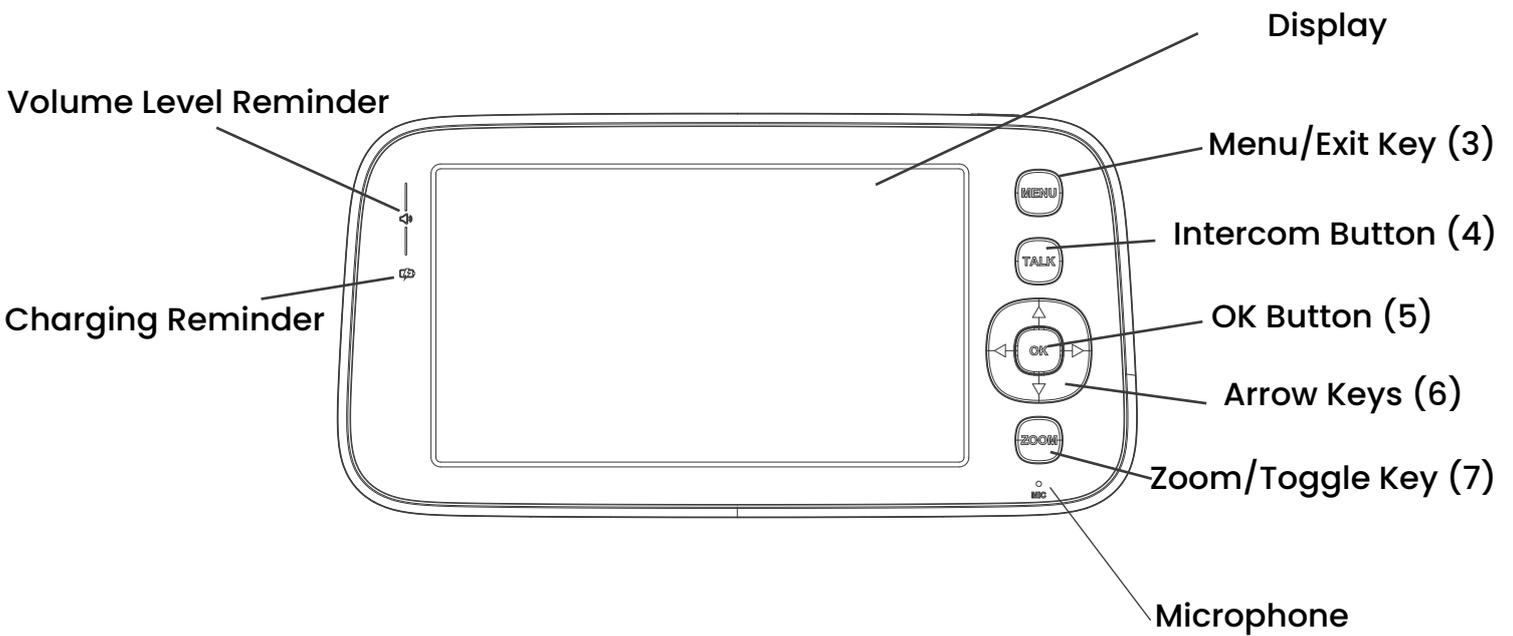
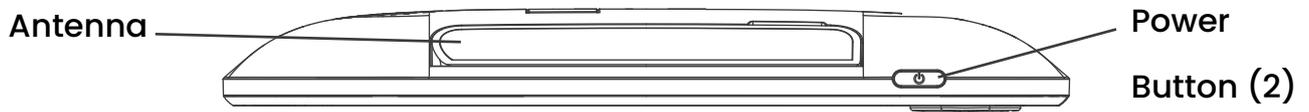
 **Sound Detection**

Once this function is turned on, the device will detect sound and send notifications to the user via the app.

 **Siren**

Users can manually activate the built-in alarm function on the device.

Display Screen Overview



Power Button (2)

- 1. Off State:** Press and hold the power button to turn on the display.
- 2. Standby State:** Press and hold to turn off the display. Short press to toggle the display on or off.

Menu Key (3)

- 1. Preview Interface:** Short press to open the system settings menu.
- 2. Other Interfaces:** Short press to return to the previous menu.

Intercom Button (4)

- 1. One-Way Intercom Mode:** Press and hold to activate the call function; release to end the call.
- 2. Two-Way Intercom Mode:** Short press to start the call function; short press again to end the call.

OK Key (5)

- 1. Menu Interface:** Press to enter submenus or confirm selections.
- 2. Preview Interface:** Press to adjust volume and screen brightness.

Arrow Keys (Up, Down, Left, Right) (6)

- 1. Preview Interface:**
 - 1.1** Press the OK button to enable volume adjustment.
 - 1.2** Use the left and right keys to adjust volume.
 - 1.3** Use the up and down keys to adjust brightness.
- 2. PTZ Settings:** Use the arrow keys to control the camera direction during video preview.
- 3. Menu Navigation:** Use the arrow keys to navigate through menu options.

Zoom/Toggle Key (7)

1. Single Camera Connection: Short press to switch magnification.
2. Multiple Camera Connections: Long press to switch between connected cameras. The system will automatically cycle through each camera and enter split-screen preview mode.

To return to the first camera view, press and hold the key again.

Display Function Introduction

1. This device is powered by a built-in battery or a 5V/1A DC adapter. The battery charges automatically when connected to the DC adapter.
2. When the battery is operating normally, press and hold the power button for 2 seconds to turn the display on or off.
3. The device supports both camera patrol monitoring and split-screen monitoring.
4. In single-split screen mode, the status bar will display as illustrated below.



-  **Signal Strength Icon:** Indicates the current strength of the wireless signal.
-  **Camera ID:** Displays the identification number of the connected camera.
-  **Camera Patrol Preview:** Indicates that the camera patrol preview function is active.
-  **Privacy Mode:** Indicates that privacy mode is enabled.
-  **Cry Detection:** Indicates that cry detection is currently active.
-  **VOX Function:** Indicates that the Voice-Activated Transmission (VOX) function is enabled.
-  **Temperature Icon:** Displays the ambient temperature detected by the camera.
-  **Humidity Icon:** Displays the ambient humidity level detected by the camera.
-  **Feeding Reminder Icon:** Indicates that a feeding reminder has been set via the device menu.
-  **Music Icon:** Displays the current status of the music feature (on or off).
-  **Screen Magnification Display:** Indicates the current magnification level of the screen.

③ **Screen Saver Icon:** Displays the configured screen-off time.

🔊 **Sound Status Icon:** Shows whether the sound is enabled or muted.

10:30:26AM **Date and Time Icon:** Displays the current time and date settings.

🔋 **Battery Status Icon:** Indicates the battery level or charging status of the device.

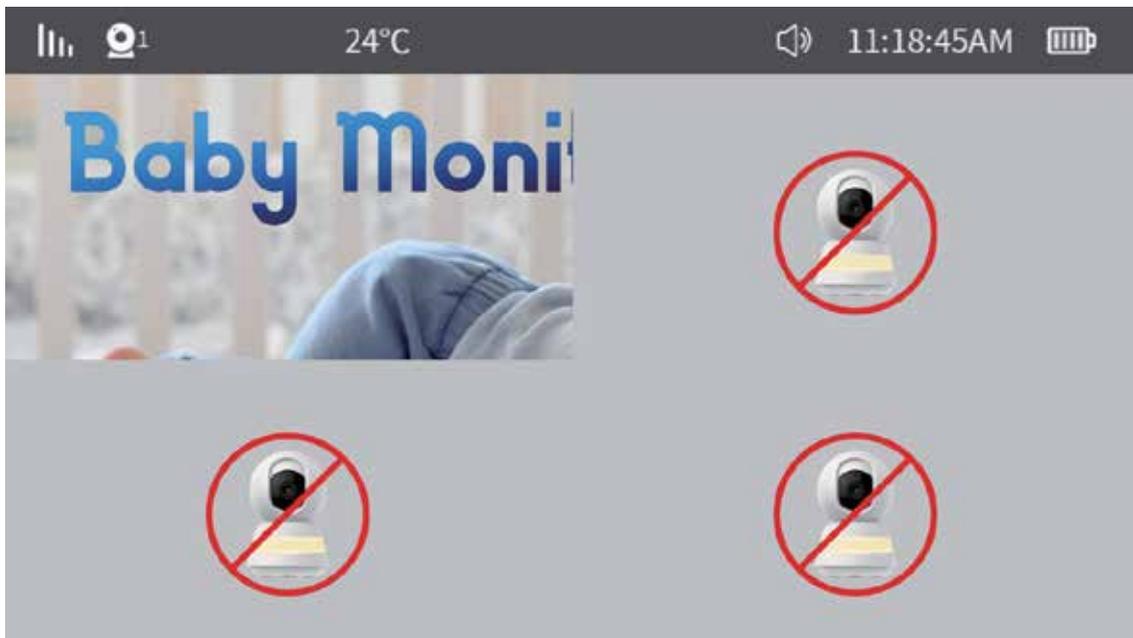
5. Two-Screen Mode

This mode is available only when two cameras are paired. To activate it, press and hold the zoom/toggle button (P16) in sequence. The screen will then display as shown below.



6. **Quad-Split Screen Mode:** This mode is available only when three or four cameras are paired. To activate it, press and hold the camera toggle button in sequence to enter quad-split screen mode.

Status Bar and Screen Display



An icon with a red cross indicates that a camera is not paired or connected.



A greyed-out icon indicates that a camera is disconnected.

7. Volume and Brightness Menu



In the preview interface, press the OK key to access the volume and brightness adjustment menu.

1. Adjusting Volume

Use the right arrow key to increase the volume.

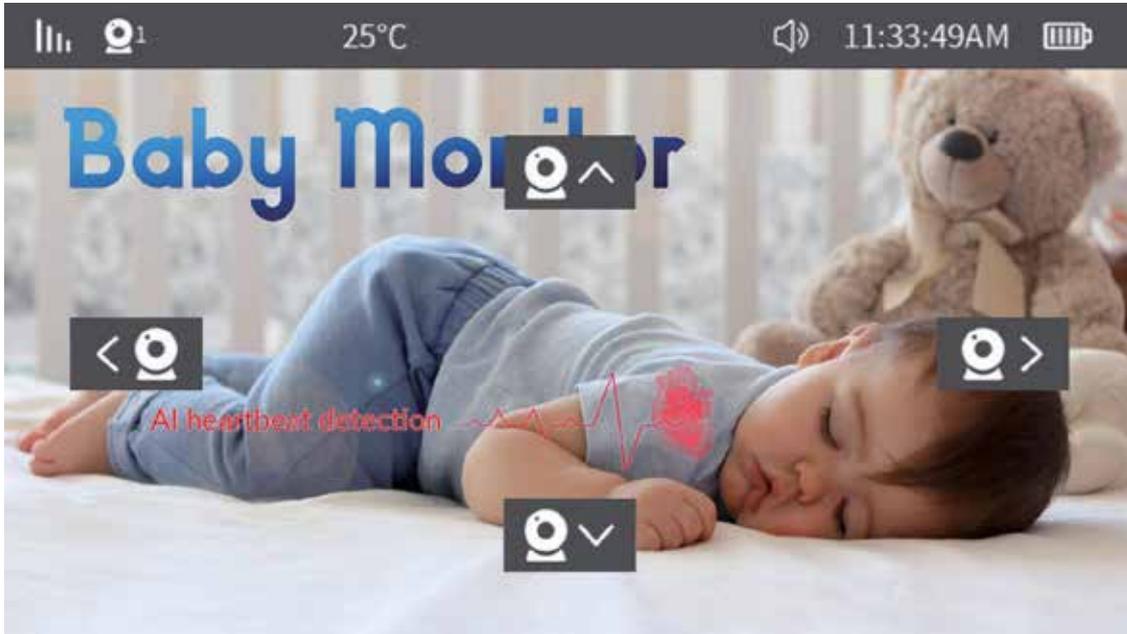
Use the left arrow key to decrease the volume.

2. Adjusting Brightness

Use the up arrow key to increase the screen brightness.

Use the down arrow key to decrease the screen brightness.

8. PTZ Control Menu

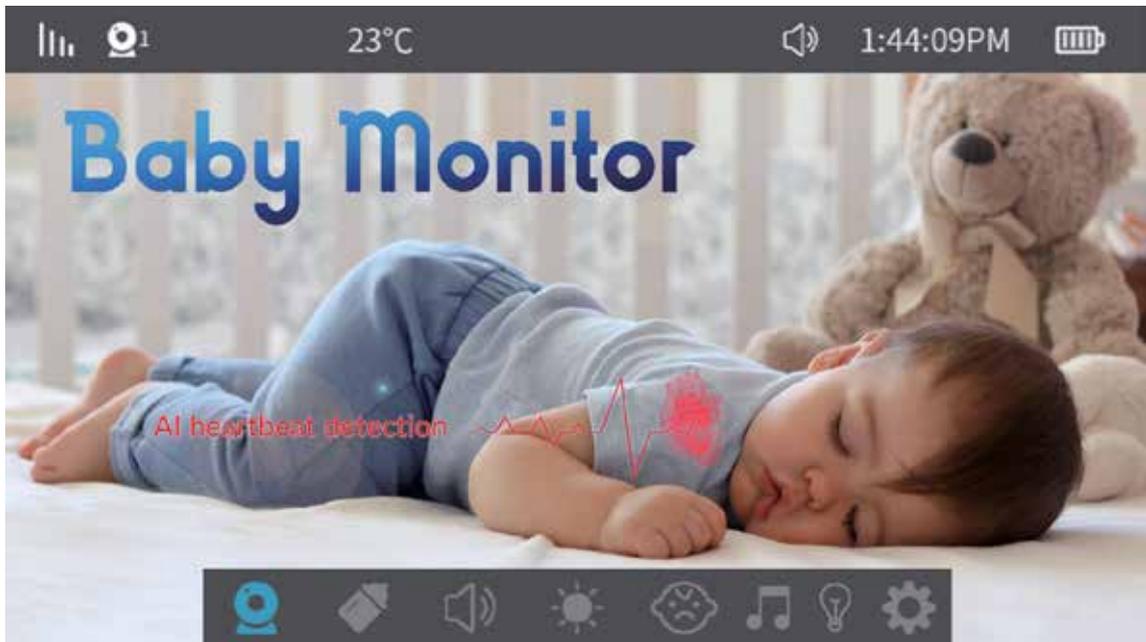


The PTZ (Pan-Tilt-Zoom) control menu appears as shown below.

In the preview interface, press any arrow key to activate the PTZ control menu. Use a short press or long press on the arrow keys to adjust the camera angle as needed.

Introduction to Main Menu Options

Press the menu key to open the system menu, as shown below:



The menu includes the following eight options:

- | | |
|---|--|
|  Camera Settings |  VOX Alarm Settings |
|  Feeding Reminder Settings |  Lullaby Playback |
|  Sound Settings |  Light Switch |
|  Screen Brightness Settings |  Other Menu Settings |

1. Camera Settings

Select Camera Settings to access the camera pairing menu.



Up to four cameras can be paired simultaneously.

Once a camera is successfully paired, the pairing information is saved automatically, eliminating the need to re-pair when the display is turned on again.

To re-pair a camera, first delete the existing pairing, then proceed with the matching process.

Matching Method:

1.1 Navigate to Menu → Camera Settings → Camera Matching, then select the camera and confirm. The display will automatically search for the camera. To exit pairing mode immediately, short-press the menu key during pairing.

1.2 Ensure the camera is powered on and verify that the camera's indicator light is steadily lit. Press the reset key briefly on the matching camera; the camera will emit a beep. Then wait for the device to automatically complete the pairing.

1.3 Once pairing is successful, an image from the camera will appear on the display.

Note:

A (👁) or (✅) icon will appear in the lower-right corner to indicate a successfully paired camera. If the camera is deleted, it will revert to the (+) icon.

2. Delete Camera Settings:

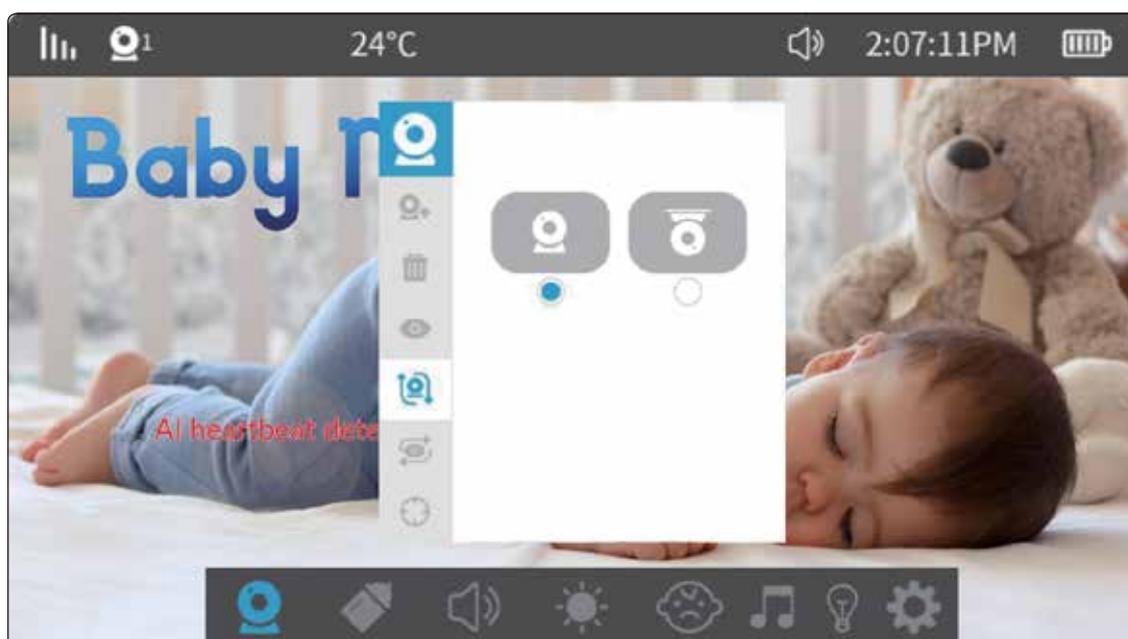
(🗑) Select the (👁) or (✅) icon in the lower-right corner and press the OK button to delete the camera. After deletion, the icon in the lower-right corner will change to (+), and you will need to reconnect it if you want to use the camera again.

3. View the Specified Camera Footage:

(👁) To view the specified camera feed, select the camera with the corresponding serial number and press the OK button.

4. Camera Flip Setting:

(🔄) Supported camera flip settings allow you to adjust the camera orientation as needed for proper viewing.



5. Camera Screen Patrol Function

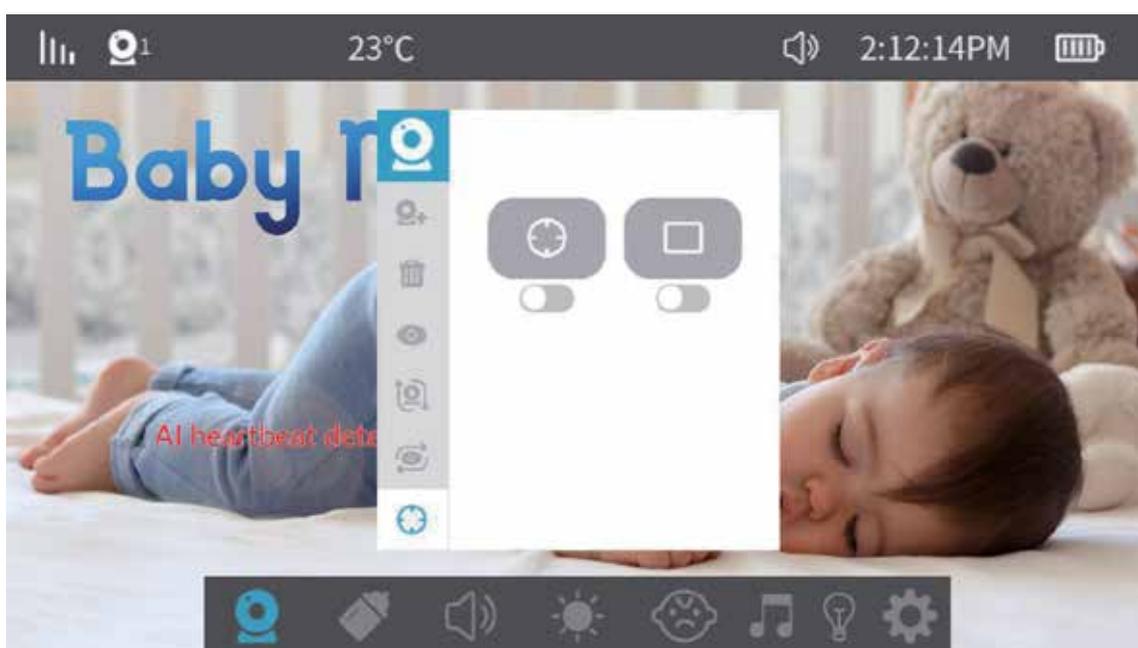
(🔄) Loop playback can be enabled only when two or more cameras are paired. When activated, the screen will display each camera's feed for 15 seconds before automatically switching to the next one.



6. Motion Tracking Settings:

(🔄) Motion tracking switch

(☐) Smart frame switch



7. Feeding Reminder Function:

There are 5 options: customize time, 2 hours, 3 hours, 4 hours, and off. After setting, if the display remains powered on, an alarm sound and a pop-up window will appear at the scheduled time.

(Note: Fixed-time alarms will reset after the display is turned off.)



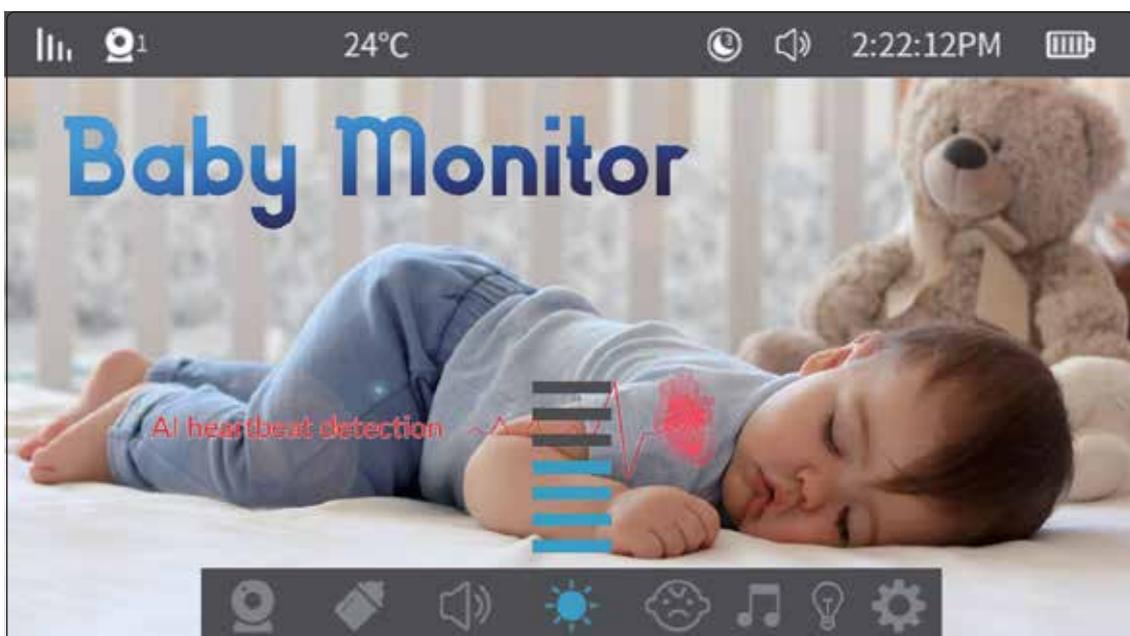
8. Volume Settings:

Select the volume setting by pressing the (🔊) icon to access the volume menu. Use the arrow keys (up & down) to adjust the volume level to your preference.



9. Screen Brightness Settings:

Select the screen brightness setting by pressing the (☀️) icon to access the brightness menu. Use the arrow keys (up & down) to adjust the screen brightness as needed.



10. Crying Alarm Settings:

The crying alarm offers three sensitivity levels: high, medium, and low. After enabling this function, if the camera detects ambient noise exceeding the set threshold for more than 2 seconds, a (👶) icon will appear on the display and an alarm will sound. When the alarm is triggered, there is a 60-second interval between consecutive detections to avoid repeated alerts.



11. VOX Function Settings:

The VOX function offers low and high sensitivity levels. After turning on the VOX function, if the surrounding environment is quiet, the screen will enter sleep mode after 30 seconds. (If both the VOX function and screen sleep function are enabled, the screen sleep function takes precedence.) During sleep mode, the screen will wake up when ambient sound exceeds 80 dB or 90 dB.



12. Music Menu:

Select the music icon (🎵) in the menu to access the lullaby interface.

The camera includes 7 preloaded lullabies.

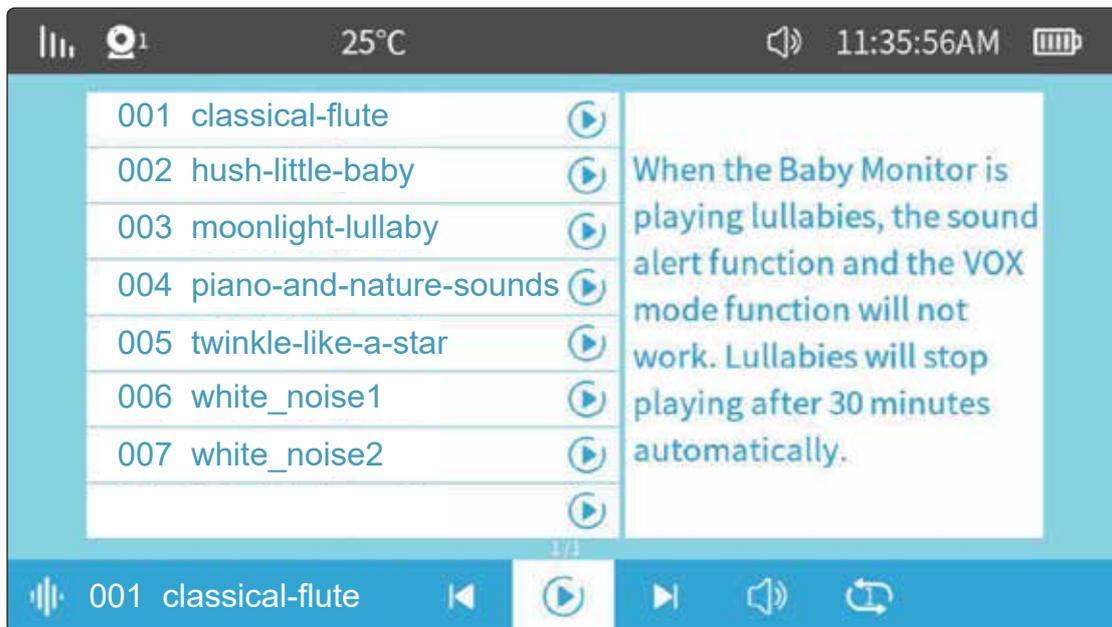
Use the arrow keys (up & down) to select different lullabies.

Press the down key to navigate to the bottom music menu bar.

Select (⏮) to play the previous or next song. Select (▶) to play music and press again to pause playback.

Select the volume icon (🔊) to adjust the volume level.

Select (🔄) for single loop playback. Press the OK key to switch to (🔄) list loop playback or (🎲) random playback.



13. Other Menus:

1. Temperature Unit Settings:

Users can choose either Fahrenheit or Celsius as the temperature unit.

(🚨) Turn on the siren to enable low and high temperature alarms. When the ambient temperature around the camera falls below or exceeds the set thresholds, the camera will sound an alarm every five minutes until the temperature returns to the safe range.



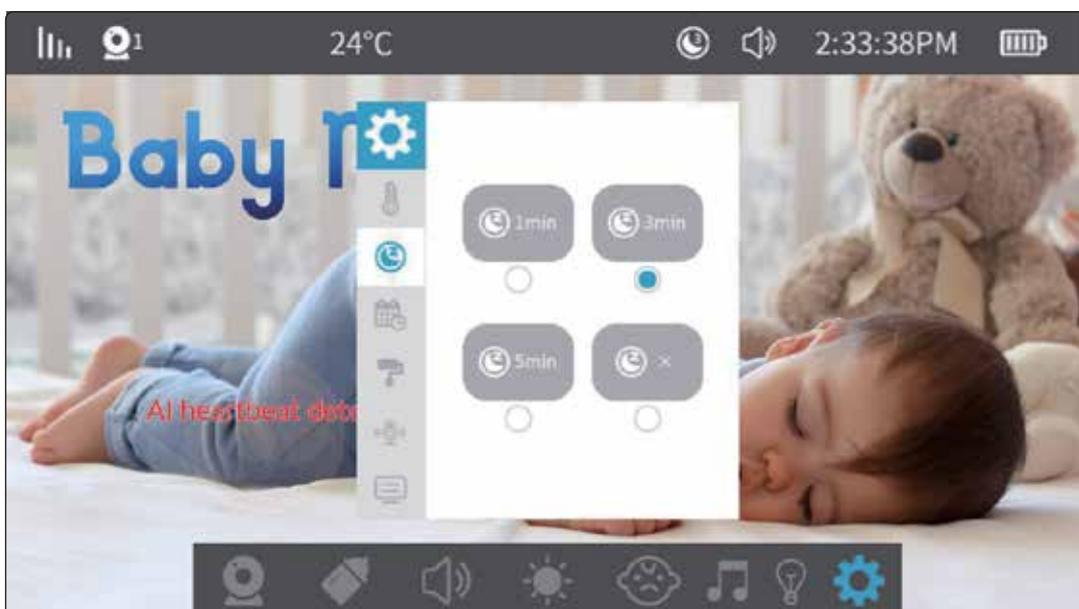


2. Screen Saver Settings:

Display saver duration can be set to 1 minute, 3 minutes, 5 minutes, or turned off.

3. Date and Time Settings:

Users can set the current date and time. The date format is year-month-day, and the time is in 12-hour format. Use the left and right arrow keys to select the time unit, and the up and down arrow keys to adjust the value. Press the OK key to save the settings.





4. Theme Color Settings:

Navigate to Menu → Settings → Background Settings. Use the arrow keys to select your preferred color option, then press the OK key to confirm.



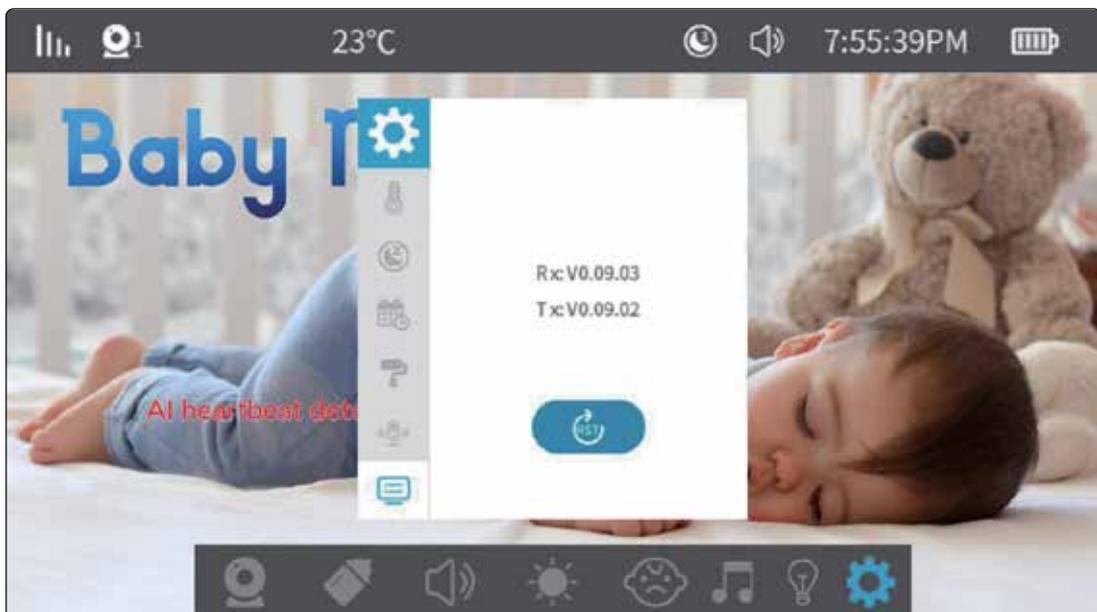
5. Intercom Mode Settings:

(👤🗣️) **One-way Intercom Mode:** The person on the camera side can only hear the voice from the screen side when the intercom key is pressed. The person on the display side cannot hear sound from the camera side in this mode.

(👤🗣️👤) **Two-way Intercom Mode:** Press and release the intercom button to turn on two-way intercom mode. At this time, both the person on the camera side and the person on the display side can hear each other's voices. Press the button again to close the intercom mode.



6. System information and factory reset



Product Maintenance

Lens Maintenance and Cleaning:

Avoid touching the lens with your hands or any dirty objects to maintain clear image quality. Clean gently using a soft, clean gauze.

Product Surface Cleaning:

Use a clean, soft gauze to regularly wipe the device and the LCD display. Do not open or attempt to repair the device yourself.

Keep Device Dry:

Avoid exposing the device to moisture. Do not open or attempt to repair the device yourself.

Installation Precautions

Place the camera out of the baby's reach in a stable location with a wide viewing angle.

Use a bracket to fix the camera to a wall or other stable surface if needed.

Avoid installing the camera in direct backlight.

Precautions

Avoid placing the device near metal furniture.

Keep the device away from household appliances like microwave ovens.

Minimize cable clutter by separating audio, video, and data cables.

.

Ensure the device is within the Wi-Fi coverage area for optimal performance.

When connecting the camera to a new network, reconfigure the camera settings

Substances in the Product

Part Name	Harmful Substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Housing	○	○	○	○	○	○
Circuit board	X	○	○	○	○	○
Charger	○	○	○	○	○	○
Appendix	○	○	○	○	○	○

○ = Indicates the content of the harmful substance in this part is below the limit requirement in SJ/T 11364

× = Indicates the content of the harmful substance in this part exceeds the limit requirement in SJ/T 11364

This form is compiled in accordance with the provisions of SJ/T 11364.

This product complies with RoHS environmental protection standards. However, current global technology does not allow for the complete elimination or reduction of lead content in electronic ceramics, optical glass, steel, and copper alloys.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

Warranty

Products that you buy directly from our **Powerology** website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our **Powerology** website or store. If **Powerology** products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website powerology.me/warranty and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check:
powerology.me/warranty

Contact Us

If you have any questions about this Privacy Policy, please contact us at: hey@powerology.me

Website: powerology.me

Instagram: [powerology_official](https://www.instagram.com/powerology_official)

Facebook: [powerology.ME](https://www.facebook.com/powerology.ME)