Dear Customer,

We are truly grateful that you have chosen us as your best product dealer. You are our most highly valued customers and it has been a sincere pleasure serving you. We hope that you will enjoy the fantastic quality of our products and services. We will continue our efforts to meet your requirements and expectations in the future as well. You suggestions will help us shape our business to perfectly fit your standards.

This user's manual can help you have a thorough understanding of this product, and solve any problem that customers may encounter in using our products. Please read carefully for the user guide before using the device.

Safety Instructions

😠 *Warning*

DANGER – Strangulation Hazard – Children have STRANGLED in cords. Keep the baby camera unit and adaptor cords out of the reach of children more than 3 feet or 1 meter away. Never use extension cords with adaptors.

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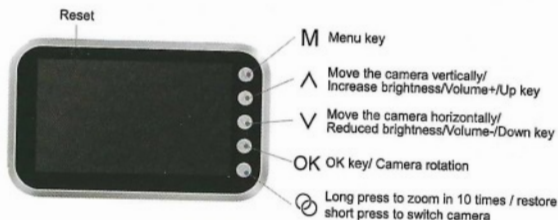
Camera settings and usage

● Fix the camera in a place where can be observed well of children/babies.
● Place the camera on a flat surface such as a dressing table, writing desk or shelf.
● Fix the cable on the wall to keep away from the baby.

Catalog

1. Product Overview

1.1 Parents Unit Console Overview

Reset

M Menu key

∧ Move the camera vertically/
    Increase brightness/Volume+/Up key

∨ Move the camera horizontally/
    Reduced brightness/Volume-/Down key

OK OK key/ Camera rotation

⊘ Long press to zoom in 10 times / restore
    short press to switch camera

Receive antenna

Power key/Standby key

Audio key

Mirco power input(5V/2A)

Bracket

Speaker

2. Start Using

2.1 Camera-side Power

1) Connect the Micro USB plug of the power adapter to the camera, the other side to the power outlet, it should connect the power adapter to the 110-220V AC outlet.

2) Once the camera is plugged in, it will automatically turn on and the blue indicator will be on (the night mode will automatically turn off).

2.2 Camera-side Turn On and off

1) Turn on, plug in the USB power cable.

2) Turn off, remove the USB power cable.

2.3 Parant Unit Switching On and Off

1) Charge battery for parents unit, The process from no power to full charge takes about 3-4 hours. But as long as the parents unit is plug in usb cable, the machine can be turned on and used.

2) Press and hold the power switch key ⏻ for 3 seconds to switch on/off the parents unit, pull out the receiving antenna on the parents unit.

2.4 Watching The Image of Camera

When both the camera-side and the parents unit are turned on, the display should be able to display the image taken by the camera. (If the display is not normal, check the camera pairing pls.)

1) If the pairing is not successful, please refer to 2.5 Pairing Instructions to pairing camera;

2) If the paired camera is $\boxed{O_1}$, need to press the switch key ⌀ to switch camera to $\boxed{O_1}$ to display the image. If the paired camera is $\boxed{O_2}$, you need to press the switch key ⌀ to switch to the $\boxed{O_2}$ to display the image.

2.5 Pairing

Once the camera-side and parents unit are both switched on, they will be paired automatically. If not, follow the steps below:

1) When the camera is turned on, pls double press the power button ⏻ until the blue light flashes quickly, release the button, it will enter the code mode. At the same time, open the parent unit display and press M button to turn on the menu. Press ∧ or ∨ to select $\boxed{O}$ and press OK to confirm. In the pop-up bar, continue to press ∧ button to select $\boxed{O^+}$ and press OK to confirm, and then press ∧ or ∨ to choose $\boxed{O_1}$ or $\boxed{O_2}$ for pairing. At this time, the red light in the upper left corner of the display will flashes, when pairing successful, the light of camera and display will stop flashing. The display will show the image of the pairing camera. If there is no connection for 10 seconds, the code mode will be automatically exited.

2) Press M to return to the main menu, press the camera switch button ⌀ to change camera.

(Note: one camera just can be connected to one display, but one display can be connected to two cameras at the same time)

2.6 Formatting Of TF Card

With new TF card, when the camera is powered on, press and hold the key ⏻ (3 seconds) to format the TF card. When the blue light flashes twice means the TF card format is completed, and then you can start record video. (The camera's TF card video can only be viewed on a computer or other device).

3. Camera-side Using

3.1 Installation

1) Place the camera in a convenient position so that it can aimed at the area you want to monitor.
2) Adjust the angle of the baby device by turning the camera up, down, left or right until a satisfactory image is obtained on the parent unit device.

3.2 Intercom Mode

Speak into the camera, the speaker on the display should be able to hear the voice, if not, you can press ∧ or ∨ to increase the volume (see the 4.2 volume adjustment in the manual for details)

3.3 Night Vision Mode

The camera equipped with 8 high-intensity infrared LED lights that capture clear images in the dark. When the built-in optical sensor detects that the ambient light is weak, the infrared LED will automatically light up, the screen of the parents unit will be show on black and white color, and the 🌙 icon will be displayed in the status bar at the top of the screen.

4. Parents Unit Menu

4.1 Camera Direction Adjustment

Press ∧ key to start the vertical camera adjustment, ∧ and ∨ key to select the direction, adjust to the desired position, then press key OK to confirm; Press ∨ key to start the horizontal camera adjustment, ∧ and ∨ key to select the direction, adjust to the desired position, then press OK key to confirm.

4.2 Intercom Mode

When the parents unit display needs to enter the intercom mode, you need to press 📞 key and hold the key, then you can start the conversation. Release the 📞 key when the speech is finished. After released 📞 key of the display, the system will automatically enters the camera intercom mode

4.3 Volume Adjustment

Press the ∧ or ∨ button in the display mode to increase or reduce the camera's transmission volume. The volume has 6 levels, and you can select the appropriate volume from the volume level of 1-6.

4.4 Display Brightness Adjustment

Press ∧ or ∨ and hold the button in the display mode to pop up the brightness adjustment progress bar, then press the ∧ or ∨ button to select the appropriate screen brightness, wait for 3 seconds ,the system will automatically save the settings.

4.5 Feeding Reminder (Alarm Clock)

1) Press M button, it will pop up the menu bar.

2) Press the ∧ or ∨ button until 🔒 is highlighted, and click OK to confirm.

3) Press the ∧ button or ∨ button to select the alarm time for the feeding reminder (0.5h, 1h, 2h, 3h, 4h). To return to the previous step, press the M key.

If the alarm time is selected, the parent unit will beep every 0.5 hours, 1 hour, 2 hours, 3 hours, 4 hours, and the flashing flag of the feeding reminder will be displayed.

4.6 Lullaby

1) Press M button, it will pop up the menu bar.

2) Press the ∧ or ∨ button until 🎵 is highlighted, and click OK to confirm.

3) In the pop-up menu bar, press the ∧ button or ∨ button to select the lullaby you want in the 8 lullabies, Click OK to confirm. To play all the music in a loop, select the 🔁 icon and press the OK key to confirm. Press the M key to return to the previous step.

4.7 System Time Setting

1) Press M button, it will pop up the menu bar.

2) Press the ∧ or ∨ button until 🕒 is highlighted, and click OK to confirm.

3) Press the ∧ button or ∨ button in the pop-up menu to adjust the clock, minute, second, AM/PM. Press the OK button when you complete the time setting and go to the next step. Press the M button to return to the previous step.

4.8 Temperature Display

1) Press M button, it will pop up the menu bar.

2) Press the ∧ or ∨ button until 🌡 is highlighted, and click OK to confirm.

3) In the pop-up menu bar, press the ∧ button or ∨ button to select ℃ or ℉ as the temperature unit and press the OK key to confirm. To return to the previous step, press the M key.

The screen status bar will display the temperature , reading from the temperature sensor on the back of the camera.

If the temperature is above 30 ℃ or below 20℃, the temperature reading will turn red. and make a beep alarm.

4.9 Camera Display Selection

1) Press M button, it will pop up the menu bar.

2) Press the ∧ button or the ∨ button, to select 📷₁ camera1 , 📷₂ camera2 or 🔁 switch and press the OK button to confirm viewing.

3) The display can be switched to view different lenses at the same time, you can switched the lenses between 📷₁ and 📷₂ in 🔁 mode.

4) You also can press the ⊘ button to quickly select 📷₁ , 📷₂ or 🔁 switch mode to watch.

4.10 VOX Setting

VOX detection: Turn on the VOX mode, after 30 seconds, the screen will turn off. When the ambient volume of the baby is louder than the set value, the display will light up the display.

1) Press M button, it will pop up the menu bar.

2) Press the ∧ or ∨ button until VOX is highlighted, and click OK to confirm.

3) Select LOW MED HIGH modes to turn on VOX, or select OFF to turn off VOX.

4) In the VOX off mode ,short press the ⏻ button ,you can quickly enter
the VOX mode (The quick access VOX mode will only turn off the
display, but will retain the camera's music transmission)

Note: When the VOX is turned off, press the ⏻ power button and the
display screen will turn off. You can hear the sound from the camera at any
time. This mode is suitable for the baby to play when the adult needs to leave
for a while. When the VOX mode is turned on, the screen and sound will turn
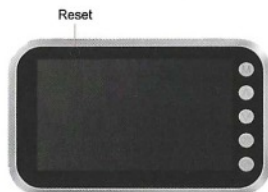off after 30 seconds. When the ambient sound of the camera is louder than the
set value, the display screen will light up and the speaker will make a sound.
This mode is suitable for use at night.

4.11 Reset

Use a small pin to reset

Reset

5. 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 result in 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.

6. FAQ & Troubleshooting

1. Q: Why is the distance in the room not far enough?

   A: a. Check if the receiving antenna of the parent unit terminal is
         turned on;

      b. Due to different wall materials of different houses, the blocking of
         2.4G signals is different. When the signal is not satisfied, the
         position can be adjusted.

2. Q: Why there is always some noise in the background?

   A: It is impossible to eliminate all the noise. This kind of howling has
      always been a problem in the audio field. Please keep your receiver
      and camera separate in 1 meter away or more.

Tip: The microphone of the receiver and camera cannot be too close. That
is the reason why some users get confused when they operate the devices
and always get noise in the background. This phenomenon is an uncontrolla-
ble factor.

3. Q: Why the temperature not precision showing on the screen?

   A: a. There is a difference in indoor air circulation.

      b. The temperature sensor just placed in a new environment, and
         there will be a deviation within two hours.

7. Specifications

Technical Parameter

Model	ABM200		
Camera	1280x720P	Display	4.5-Inch IPS
Camera Lens	1/6CMOS	Display Resolution	VGA 480x800 15 frames/sec
View Angle	75 Degree	Transmission Method	2.4GHz FHSS
Display Battery Capacity	2300 mAh	Transmission Distance	300M(Open Space)
Display Power Dissipation	1.6W	Temperature Alarm	Support
CAM Power Dissipation	1.5W	Crying Alarm	Support
Operating Temperature	-20°C ~ +65°C	Lullabies	Support(8 Lullabies)
Material	PC+ABS	Feeding Alarm	Support
Display N.W	140.0g	Night Vision(Automatic)	Support
Camera N.W	160.0g		
Camera Dimensions	86.0x107.0mm (HxD)	Display Dimensions	130.3x79.6x16.4mm(LxWxT)