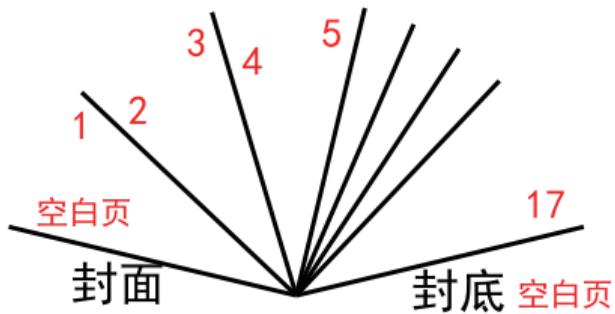


内容页码说明



尺寸：90x130 mm

User Manual

ABM 200



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. Your 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.

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

- Must be assembled by an adult.
- This baby monitor can not be used instead of adult guardianship.
- Keep this user guide in a safe place for future reference.
- Do not cover the baby monitor with a towel or blanket.
- Do not use the baby monitor near water.
- Do not install the baby monitor near a heat source.
- Only use the supplied charger and power adapter. Never use another charger or power adapter as this may damage the device.
- Do not touch the plug with a sharp or metal object.

Important notes for installing a baby monitor

- When using your baby device and parent unit, you must be able to establish a radio communication between them. The communication distance between the two devices is affected by environmental conditions.
- Any large metal objects between two devices may block radio signals. Such as refrigerators, metal doors or reinforced concrete.
- The strength of the signal may be attenuated by other solid buildings (such as walls), radios or electrical equipment (such as televisions, computers).
- If the signal is weak, try moving the device to a different location indoors.
- Do not place the parent unit and the camera in a range of 1 meter, otherwise it will cause howling.
- Our parent unit has come with a screen protector which is to protect the monitor.



Package Including:

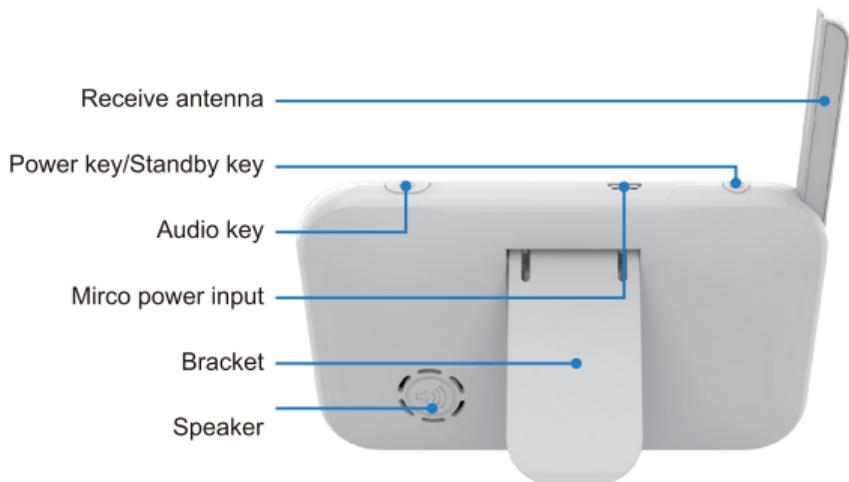
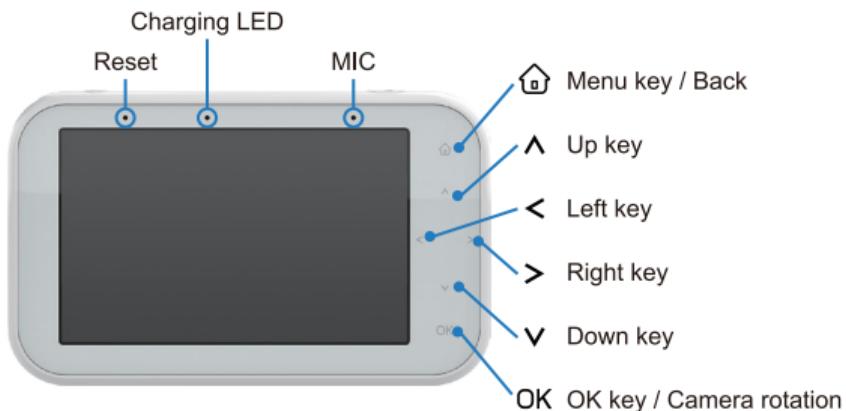
- 1 X Baby Camera
- 1 X Parents Unit
- 1 X User Manual
- 2 X Power Adapter (5V/2A)
- 2 X USB Cables

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1. PRODUCT OVERVIEW

1.1 Parents Unit Console Overview



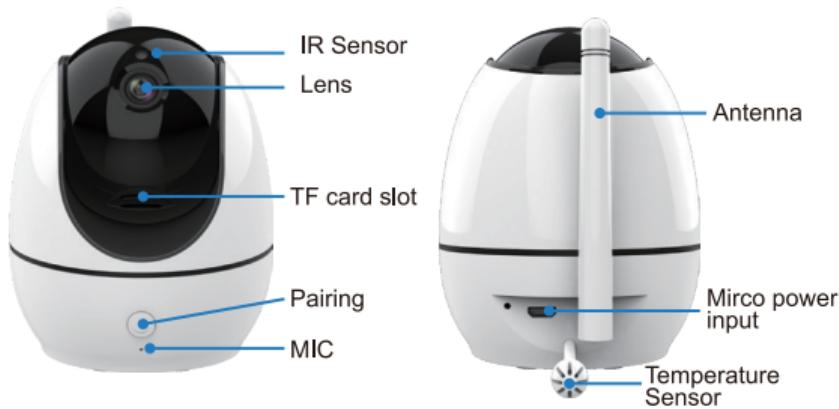
1.2 Parents Unit Status Bar Icon

	Signal Level (5 Levels)
	No Signal
	Camera 1
	Camera 2 (Optional)
	Camera Switch
	Lullaby Switch
	Volume Level (6 Levels)
	Night Vision Mode
	Cry Detection (High, Medium and Low 3 Modes)
	Baby Room Temperature Display
	System Time
	Battery Power
	Intercom Mode
	Recording Mode

1.3 Parents Unit Menu Icon

	Volume Level Setting	
	Feed Reminder Time Setting (Can Set 5 Alarm Clocks)	OFF 0:30 1:00 2:00 3:00 4:00
	Lullaby Selection (8 Lullabies)	OFF
	System Time Setting	23 : 40 : 58
	Temperature Mode Setting (Celsius / Fahrenheit)	
	Camera Setting (Add/Delete/Switch)	
	VOX Sound Detection Setting	OFF LOW MED HIGH
	Display Brightness Setting	

1.4 Baby Camera Overview



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 Parent 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;

2.5 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

 quickly until the blue light flashes, release the button, it will enter the code mode. At the same time, open the parent unit display and press  button to turn on the menu. Press  or  to select  and press  to confirm. In the pop-up bar, continue to press  button to select  and press  to confirm, and then press  or  to choose  or  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.

(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

Please long press   or   to remote the camera until you can see your little baby

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  button, it will pop up the menu bar, 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  button, it will pop up the menu bar, Press  the  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  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  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  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  key to return to the previous step.

4.7 System Time Setting

- 1) Press  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  button to return to the previous step.

4.8 Temperature Display

- 1) Press  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  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 °C or below 20 °C, the temperature reading will turn red. and make a beep alarm.

4.9 Camera Display Selection

- 1) Press  button, it will pop up the menu bar.
- 2) Press the  button or the  button, to select  camera1 ,  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 switch the lenses between  and  in  mode.

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  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



5. CLEANING

Clean the device with a slightly damp cloth or an anti static 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 AND 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 uncontrollable 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 800x480 15 FPS
View Angle	75 Degree	Transmission Method	2.4GHz FHSS
Display Battery Capacity	2300 mAh	Transmission Distance	300M(Open Space)
Display Power Dissipation	1.6W	Lullabies	Support(8 Lullabies)
CAM Power Dissipation	1.5W	Crying Alarm	Support
Operating Temperature	-20°C ~ +65°C	Temperature Alarm	
Material	PC+ABS	Feeding Alarm	
Display N.W	126.0g	Night Vision(Automatic)	
Camera N.W	227.0g		
Camera Dimensions	86.0x107.0mm (HxD)	Display Dimensions	130.3x79.6x16.4mm(LxWxT)

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

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.

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