

ABM540P



User Manual

Baby Monitor

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 - Keep the adapter line away from the baby so as not to entangle the baby's neck and cause suffocation.

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.
- Secure the wires to the wall to keep them away from the baby.

This baby monitor meets with 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 instead of adult guardianship.
- Keep this user guide in a safe place for future reference.
- Never cover the baby monitor with a towel or blanket.
- Never use the baby monitor near water.
- Never 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.
- Never touch the plug with a sharp or metal object.

Important notes for installing a baby monitor

- When using your baby device parent device, 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.
- When you get the product for the first time, The parent unit has a protective screen, you can choose to keep or tear it off.



Package Included :

1 X Baby Camera

1 X Remote Parent Unit

1 X User Manual

2 X Power Adapter (5V/2A)

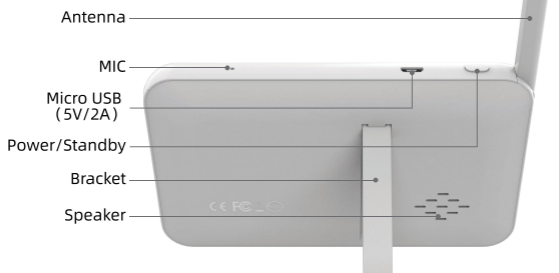
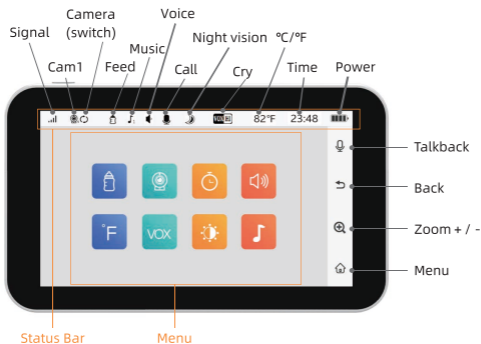
2 X USB Cable

Catalog













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1. Product Overview













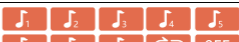
1.1 Parent unit overview



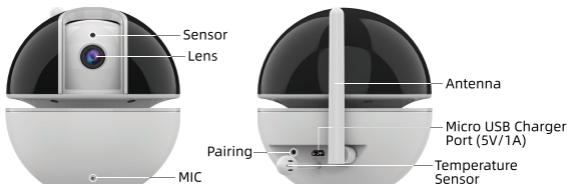
1.2 Parent unit main icon

	Intercom Mode
	Back
	Zoom/Restore
	Menu
	Signal Level(4 Levels)
	Camera 1
	Screen brightness
	Night Vision Mode
	Lullaby 1
	Volume Level (Level 8)
23:48	System Time
VOX	Cry Detection (High, Medium and Low)
	Feeding Reminder (Five Alarm Clocks)
82°F/28°C	Temperature Setting(°F/°C)
	Power Battery

1.3 Parent unit menu icon

	Feeding Reminder (Five Alarm Clocks)	0:30 1:00 2:00 3:00 4:00 OFF
	Camera Setting (Add/Delete/Switch)	
	System Time Setting	2 3 : 4 8
	Volume Setting (0-8 Level)	
	Temperature (°F / °C / Cancel Alarm Sound)	°F °C 
	VOX Sound Detection Setting	LOW MED HIGH OFF
	Screen brightness	
	Lullaby Selection (8pcs)	

1.4 Baby camera overview



2. Start Using

2.1 Camera power supply

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


2.2 Turn on/off the camera

When the power is connected, the camera will automatically turn on.


2.3 Parent unit power

- 1) Connect the Micro USB plug of the power adapter to the display device, connect the other end to the power socket, and connect the power adapter to the 110-220V AC outlet.
- 2) It takes about 2-3 hours to charge the parent unit from no charge to full charge.

2.4 Power on/off/standby of the parent unit

(1) Power on: When connected to the Micro USB power supply or not connected to the Micro USB power supply and off, long press  the power on key for 2 seconds to power on.

(2) Shutdown, to long press  the power on key for 2 seconds, you can shut down.

(3) Turn off the screen. When the screen is turned on and on, press  the power button to turn off the screen, and press the power button to turn on the screen.

2.5 Pairing

1) Code matching: when the camera device is on, press the power button of the camera device twice until the blue light flashes quickly, then the code matching mode is entered and the display terminal is opened:



Code matching success, display image

(Note: one camera device can only be connected to one display terminal , and one display terminal can be connected to two camera devices at the same time)

2.6 View the camera image

When both the camera and the display are turned on normally, the display should be able to show the image of the camera normally, (if it cannot show normally, you can check the pairing of the camera.)


If the pairing is not successful, please refer to the 2.5 pairing instructions for pairing;

3 . Camera 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


The speaker should be able to hear the speech normally, if not, you can press  the key to turn up the volume. You can directly send voice messages through the camera, and hear real-time voice messages clearly on the screen.

3.3 Night vision mode




The camera has infrared LED lights that capture clear images in the dark. When the built-in optical sensor detects weak ambient light, the infrared LED light will automatically turn on, and the screen of the handheld device will be displayed in black and white, and the status bar at the top of the screen will display  Icon.

4 . Parent Unit Menu




4.1 Camera adjustment

When you slide your finger around the center of the screen, an approximately (1CM) icon  will appear, which is used to control the camera to rotate to the desired viewing angle until a satisfactory image is obtained on the display device.




4.2 Intercom mode

When the display terminal needs to enter the intercom, you need to hold down  the key, and then you can have a conversation. Release  the key when the speech is finished, release the display terminal  key and the system will enter automatically Camera intercom mode.



4.3 Volume adjustment

Open  menu and select the volume  suitable for the current environment. There are 8 levels of volume, press  to save and exit.



4.4 Screen brightness adjustment

Open the  menu and select the brightness  suitable for the current, press  to save and exit.

4.5 Feeding reminder (Alarm clock)

Open the menu  , press  to select a suitable feeding reminder time, there will be an alarm sound to remind you when the time comes. If the alarm time is selected, the parent unit will beep every 0.5 hour, 1 hour, 2 hours, 3 hours, 4 hours, and display the flashing icon of feeding reminder.





4.6 Lullaby

Open the menu  , press  to select, there are 8 Lullabies to choose from, and it can be a single loop or 8 loops.

4.7 System time setting

Open the menu  and press  to set the time. The time is in 24-hour format.

4.8 Temperature setting

- 1) To set the temperature unit, open the menu  and press  to set the temperature unit. The temperature unit is °F or °C, please choose according to your needs. Below 20°C/68°F or above 28°C/82°F there will be an alarm sound.
- 2) Turn off the alarm sound. After selecting the temperature unit °F or °C, click the   to turn off the alarm, and only the temperature will be displayed.

4.9 Camera display selection

Connect two camera devices at the same time, or select each camera 15S cruise display in the menu at the display end.



4.10 VOX setting

VOX detection: Turn on the VOX mode, and the screen will turn off after 30 seconds. When the ambient volume of the camera reaches the set mode, the display will light up the display.

Open the menu  , under **VOX** , select the appropriate wake-up mode such as: **LOW / MED / HIGH**

Note: In the power-on status:

When VOX is turned off, press the power button once, and the screen will turn off. You can hear the sound from the camera at any time. This mode is suitable for babies to play and adults need to leave for a while.

When VOX is turned on, the screen and sound will turn off after 30 seconds. When the ambient sound of the camera is greater than the set value, the display screen lights up and the speaker emits a sound. This mode is suitable for using at night.

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 thinners, other solvents or chemicals to clean any part of the product, which will cause damage to the product, which is not covered by the warranty.
- Do not place the product in a place subject to high temperature, humidity or strong sunlight, and do not get it wet.

6 . FAQ & Troubleshooting

1) Q: Why is the receiving connection distance in the room not far enough?

A: a. Check whether the receiving antenna of the display 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 is there some faint noise when there is no talking?

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 the opposite. 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 is the temperature inaccurate?

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	ABM540P		
Chip	AC5211/AC5213	Resolution	480x854 15 FPS
Camera Sensor	CMOS	Camera	720P
View Angle	75°	Transmission Method	2.4GHz FHSS
Display Battery Capacity	2500 mAh	Transmission Distance	300M (open space)
Display Power Dissipation	4.3W	Temperature Alarm	Support
CAM Power Dissipation	2.2W	Crying Alarm	
Operationg Temperature	-20°C ~ +65°C	Lullabies	
Material	PC+ABS	Feeding Alarm	
Display N.W	176g	Night Vision (Automatic)	
Camera N.W	235g	Display Dimensions	L 135xW 80xT 13mm
Touch Display	5 Inch	Camera Dimensions	D 98.0xH 98mm