

Cautions:

- This product is designed for home use only, please avoid high heat, intense magnetic field or glare situation.
- To ensure safety and product's normal function, please use the included specified power adapter to power the device.
- Please turn off the power supply when not using product.
- Avoid exposure to dust, High heat and water.
- The product caters as monitor for babies, please use product indoor as possible, using product under strong light may reduce the effectiveness of the display.
- The included AC power adaptor can only be used indoor.

Features:

- Using 2.4GHz wireless transmission frequency, comply with the standards pursuant to FCC, CE.
- High resolution 2.4-inch LCD display.
- Supports 4 IN 1 connection, you can use 1 monitor to connect 4 cameras.
- Supports long distance transmission: Max to 200m-300m in empty area.
- High resolution night vision function: Can achieve 24 hours monitor.
- 2 way talk communication, Ensure clear sound quality.
- Including VOX (voice control) auto wake-up function, if the volume from baby's end reach a certain level, the monitor will be triggered. (The monitor will automatically be activated from screen saver mode) to inform parents to check on the baby.
- The monitor operates with lithium battery which provide convenience for mobile using.

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Structure and Button Functions

Camera:



Wireless Monitor:



Instructions:

Power ON:

1. The Camera
Connect the camera to the included power adapter, the green indicator will light up and the camera will automatically power on.

2. The Monitor

Press and hold  Power button for 3 seconds, the monitor will power on, and the monitor will automatically enter main interface and start transmission.

Main Interface:

After boot-up, the monitor will enter main interface and start real-time view automatically.

In the main interface.

Press  and  to adjust speaker volume of the monitor.

Press Left/Right  /  button to adjust the brightness of the monitor display.



Setup Menu

Press **≡** MENU button in main interface to setup menu:



Setup Option	Default Value	Available Value	Definition
Brightness	3	1/2/3/4/5	Adjust live view brightness
Temperature	°C	°C/°F	Choose temperature display unit
LightLed	OFF	ON/OFF	Turn ON/OFF white LED lamp
Pairing	1	1/2/3/4	Choose to connect multiple cameras.
Music	OFF	1/2/3/OFF	Turn on to play music
Vox	OFF	ON/OFF	Turn ON/OFF VOX function
Feeding	OFF	ON/OFF	Turn ON/OFF feeding reminder notification
Exit Menu			Exit setup menu

In the setup menu, press **◀** and **▶** button to scroll through the setup menu, press left **right** button to adjust the setting value.

Except for the "Pairing" option, to pair the camera and the monitor, choose the "Pair" option and press OK button to pair the camera

NOTICE:

The camera and monitor has been paired in advance, you don't have to pair them again.

Common Operations:

1: Monitor volume adjustment

Press **◀** and **▶** button in main interface/Live view to adjust the volume of the monitor.

2: Monitor brightness adjustment

Press left/right **☞** button in main interface/Live view to adjust the brightness of the monitor.

3: Camera brightness adjustment

In main interface press **≡** Q menu / zoom in button to access the setup menu, select "Brightness" option by pressing **◀** and **▶** button after it turns red and highlighted, use left/right **☞** button to adjust brightness level. After adjustment, select "Exit Menu" option, press OK button to exit setup menu.

4: Temperature display unit setting

In main interface press **≡** Q menu / zoom in button to access the setup menu, select "Temperature" option by pressing **◀** and **▶** button after it turns red and highlighted. Press right/left key to choose °C or °F. After adjustment, select "Exit Menu" press OK button to exit.

5: White light LED ON-OFF

In main interface press **≡** Q menu / zoom in button to access the setup menu, select "Light LED" option by pressing **◀** and **▶** button after it turns red and highlighted. Press right/left key to turn ON/OFF the white LED on the camera. After adjustment, select "Exit Menu" press OK button to exit.

Notice: The LED can be operated on the monitor only when the camera and the monitor are connected.

6: Pairing

In main interface press \equiv Q menu / zoom in button to access the setup menu, select "Pairing" option by pressing \blacktriangleleft and \blacktriangleright button after it turns red and highlighted. Press OK to begin pairing, then hold camera pairing key. Camera image will display if pairing successfully. After adjustment, select "Exit Menu" press OK button to exit.

7: Music play

In main interface press \equiv Q menu / zoom in button to access the setup menu, select "Music" option by pressing \blacktriangleleft and \blacktriangleright button after it turns red and highlighted. Press left/right key to select and play music.3 tunes available in total, OFF means turn off music.
After adjustment, select "Exit Menu" press OK button to exit.
Turn down the LCD volume when receiver music is too loud.

8: Voice control function / VOX

In main interface press \equiv Q menu / zoom in button to access the setup menu, select "Vox" option by pressing \blacktriangleleft and \blacktriangleright button after it turns red and highlighted.

Press right/left key to choose OFF, LOW, MID or HIGH. After adjustment, select "Exit Menu" press OK button to exit.

Choose different VOX level according to environment
According to environment to choose different level.

9: Timing Feed reminding function

In main interface press \equiv Q menu / zoom in button to access the setup menu, select "Feeding" option by pressing \blacktriangleleft and \blacktriangleright button after it turns red and highlighted. Press right/left key to choose OFF,2H, 4H or 6H.

After adjustment, select "Exit Menu" press OK button to exit.

10: Zoom in to enlarge image display

In main interface, press and hold \equiv Q menu/ZOOM button to ZOOM in and out, you can see \otimes sign.

11: Intercom function

In preview interface, on the monitor hold \otimes button to speak and transmit. Release the \otimes button to receive voice.

Specification

Model	BM10
Screen Size	2.4 inch LCD display
Screen Resolution	320*240 RGB
Image resolution	320*240 QVGA
Video Frame Rate	15-25FPS
Signal Intensity	4 level
Volume Control	5 level
Intercom	Two-way communication
Voice control	Auto
Transmission Frequency	2.4GHz ISM Band
Wireless working method	FHSS
Transmission Power	19dBm@CW mode
Transmission Speed	3Mbps
Transmission Range	200-300 meters in open area
Working current	TX: 400mA MAX RX: 400mA MAX Stand-by: 160mA (without charging current)
Reception sensitivity	-96dBm@BER=1e-3
Charging current	120-200MA
Audio collect speed	16K
Audio Frequency Response range	120Hz--3KHz
MIC input	35--50dB@
Total Harmonic distortion	<5.0%
Signal to Noise Ratio	46dB
Night Vision Rango	2--3 meter
Working Humidity	20--80% RH
Working Temperature	0C--45C

Trouble shooting :

1. The monitor is too loud .

The camera uses a high sensitivity mic phone to pick up tiny sound from the baby. when the sound from the monitor is too loud, you can press the  button to lower the volume.

2. Howling from the monitor when the camera is nearby .

It's caused by Acoustic feedback, since the audio signal received by MIC with the voice around camera mixed and emitted, the receiver will make greater in voice. Again and again, Howling formed. You can lower the loudspeaker volume or put receiver away from camera.

3. What's the range of the wireless transmission.

Normally the transmission range is up to 200~300 meters in open area without electromagnetic interference. However, obstructions like walls / doors / glasses / trees will significantly affect the transmission range.

4. Can I connect multiple cameras with one monitor.

Yes, a single monitor can connect up to 4 cameras , you can follow the instructions to connect them.

5. The monitor won't power on.

Please check the monitor battery first, you can use the included power adapter to charge the monitor .

6. The image and voice transmission is not smooth, the video or audio jams.

The wireless transmission can be affected by obstructions like walls / doors / glasses / trees, also other high power devices like microwave oven or wireless router have certain influence on the transmission.