

Video Baby Monitor

Model: BM904B



User Manual

Ver.1.0

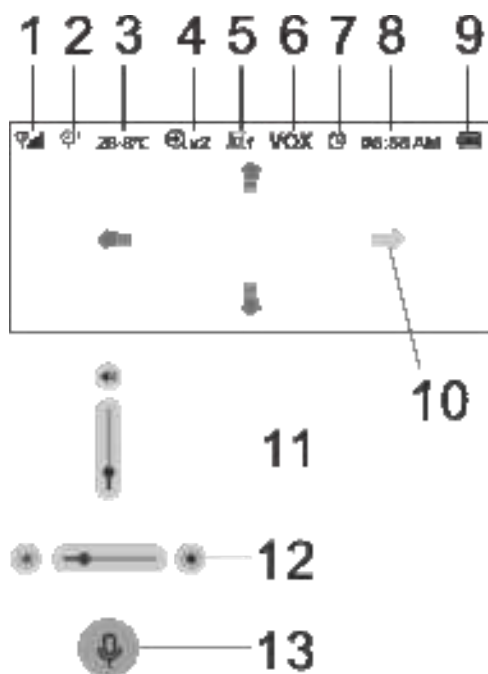
SAFETY INSTRUCTIONS

- Adult assembly is required. Keep small parts away from the children when assembling.
- Avoid placing the unit or cords in the cot or within baby's reach. Keep at least 1 meter away.
- Do not touch plug contacts with sharp or metal objects.
- Keep the product away from water or heat sources.
- ONLY use the power adapters provided.

CAUTION

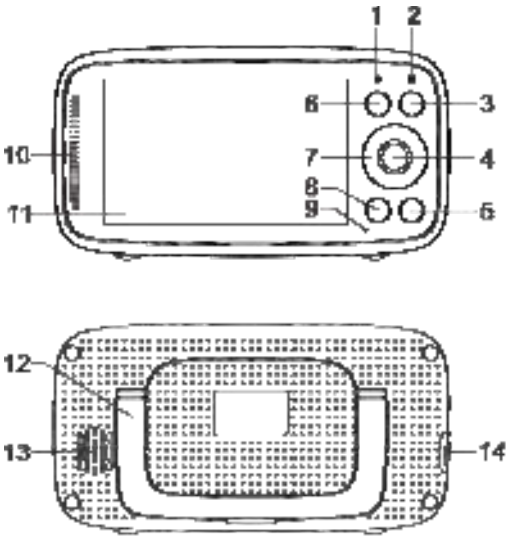
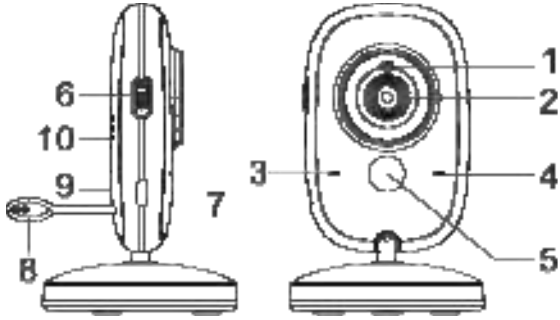
- This product is not a toy. Do not allow children to play with it.
- This baby monitor is not a substitute for responsible adult supervision.
- **About Echo:** If the monitor is too close to the camera, an echo may occur. Keep them apart or lower the volume to eliminate noise.
- The camera has no built-in battery; It MUST be connected with a power adapter while working.
- Charging the monitor fully before use is recommended; it operates on battery during power failures.
- Unplug the product when unused for extended periods or during lightning storms.
- Clean the camera with soft DRY fabric.
- For indoor use only.

STATUS BAR



1. Signal Strength Indicator
2. Channel Selected
3. Temperature Of The Baby's Room
4. Zoom Level
5. Lullaby Plays
6. VOX Function Activated
7. Alarm Activated
8. Time
9. Battery Power
10. Selective View Activated
11. Volume Bar
12. Brightness Bar
13. PTT Function Activated

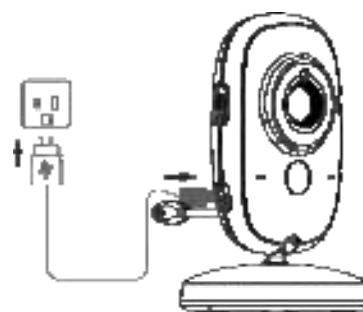
PRODUCT DIAGRAM

Monitor / Parent Unit	Camera / Baby Unit
 1. Signal LED Indicator 2. Charging LED Indicator 3. Power ON / OFF / Sleep Button 4. Menu / OK Button 5. VOX Mode Button 6. ZOOM Button 7. Navigation Buttons 8. Lullaby Control / PTT Button 9. Microphone 10. Volume Level LED 11. LCD Screen 12. Kickstand 13. Speaker 14. Power Adapter Port	 1. Light Sensor 2. Camera Lens 3. Power Indicator 4. Microphone 5. Infrared LED 6. Power Switch 7. Power Adapter Port 8. Temperature Sensor 9. Pair key 10. Speaker

GETTING STARTED

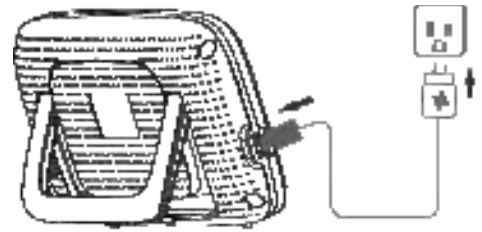
Step 1. Powering the Camera / Baby Unit

1. Plug the power adapter into an electrical outlet and connect it to the Type-C port on the camera.
2. A BLUE indicator will light up when the camera is running (optional).



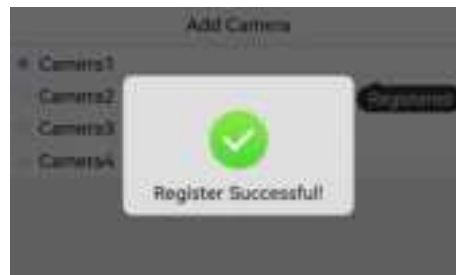
Step 2. Charging the Monitor / Parent Unit

1. Plug the power adapter into an electrical outlet and connect it to the Type-C port on the monitor.
2. A BLUE indicator will light up, indicating that the battery is charging.
3. Press and hold the Power button for at least 3 seconds to turn the monitor on.



Step 3. Camera Registration

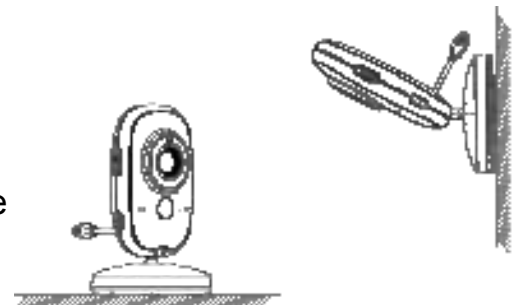
1. Press Menu / OK to enter the registration interface. Choose [Camera->Add Camera->Camera 1], then press Menu / OK to confirm registration.
2. Press the Pair button on the back of the camera within 15 seconds to complete the registration.



Note: The camera is pre-registered by default. You only need to re-register if the camera loses connection with the monitor. For additional details on managing multiple cameras, please refer to the MULTIPLE-CAMERA OPERATION instructions.

Step 4. Placing the Camera

1. Position the camera in a convenient location, such as on a table, and aim the camera lens towards the desired monitoring area.
2. Adjust the camera's angle until you are satisfied with the image in the monitor.



Note: DO NOT position the camera within the baby's reach. If there is any interference with the image or sound, try relocating the units to different spots, ensuring they are not too close to other electrical equipment.

FUNCTIONS & OPERATIONS

1. Adjusting monitor's volume

Use the UP / DOWN button to adjust the volume. The current volume icon will stay on the screen for 3 seconds.

2. Adjusting screen's brightness

Press the Right / Left buttons to adjust the screen brightness.

3. Intercom function

Hold PTT Button on the monitor to speak to your baby through the camera's speaker. A microphone icon will appear on the screen.

4. Digital zoom & selective view

Press the Zoom Button to zoom in on the screen image. Choose from three levels of magnification (1X / 2X / 3X switching in cycle).

Press the corresponding navigation buttons to move the image to the desired view.

5. Night vision

When ambient light is insufficient, the camera automatically enters Night Vision Mode, the image turns to black and white.

6. Audio mode

Quickly press the Power Button to activate Audio Mode, unavailable if VOX is on. In Audio Mode, the screen shuts down, saving energy while audio transmission continues. Press any button to exit Audio Mode.

7. Main menu

Press Menu/OK in the monitoring interface to enter the main menu, containing 6 items.



Use the navigation buttons to move the cursor, select an item, and press Menu / OK to enter the submenu. Press the Back button to return to the monitoring interface.

7.1. Camera:

7.1.1. Add Camera: Refer to GETTING STARTED-Step 3 for instructions.

7.1.2. Camera Power Light: Set the power indicator on the camera to Auto / Always On / Always Off on the monitor.

7.1.3. Intercom Volume: Adjust the intercom volume heard on the camera to Low / Medium / High level.

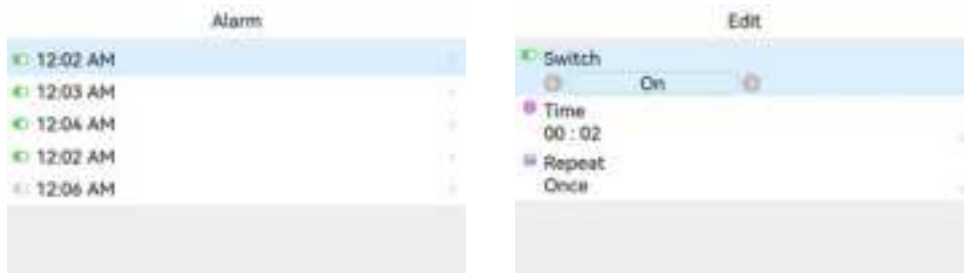
7.2. Alarm:

Press Menu / OK to enter editing mode or confirm the current item.

Press Up / Down to skip to the next item

Press Left / Right to change the value.

Press Back to go back to the previous menu.



7.3. Settings:

7.3.1. Time: You can switch the time format to a 24H or 12H clock. To adjust the time, use the Up / Down buttons to change the value and the Right / Left buttons to move the cursor.

7.3.2. Temperature Unit: Choose between Celsius or Fahrenheit.

7.3.3. Anti-Flicker: Select 50/60 Hz options to match your local power frequency for anti-flicker.

7.3.4. Alerts Tone: Toggle the alert tone of low battery and interrupted connection. Choose from three tones.

7.3.5. Monitor LED Light: Toggle the status of the LED indicator on the parent unit: OFF / Low / Medium / High

7.3.6. LCD Backlight: Adjust the brightness and screen activity time.

7.4. VOX (Voice Activation):

In VOX mode, the screen sleeps to save energy and wakes up when the camera's mic hears a sound. Press the VOX Mode Button or use the VOX submenu to enable / disable this mode.

7.4.1. System Mode: Switch between Normal Mode and VOX Mode.

7.4.2. VOX Sensitivity: Adjust sensitivity to Low / Medium / High.



7.5. Language:

Choose from 8 languages: English / Français / Español / Português / Italiano / Deutsch / Türkçe / Русский.

7.6. System Info:

System Info: View hardware and software versions.

MULTIPLE-CAMERA OPERATION

1. Add / Delete Camera:

- Press Menu / OK to enter the registration interface. Select [Camera-> Add Camera->Camera 2], then press Menu / OK to confirm registration.
- Press the Pair button on the back of the camera within 15 seconds to complete registration.
- Same process applies to registering more cameras.
- To disconnect a camera, select [Delete Camera], choose the associated camera, and press Menu/OK to cancel registration.

Note: One monitor can pair with up to four appointed cameras simultaneously, including both fixed-view and pan-tilt cameras.

2. Change Camera Channels:

- Select [View Camera] then press Menu / OK on the desired Camera channel (Camera 1 / Camera 2 / Camera 3 / Camera 4).
- For automatic channel changes, choose [Scan] and press Menu / OK. Then select [Scan Delay] to set the intervals for view changes (10 / 15 / 20 / 30 seconds).
- On the monitoring interface, press and hold the Left or Right Button to cycle through channels quickly.

3. Change settings on different cameras:

Adjusting settings on one camera on the monitor will update settings for all connected cameras, including VOX mode on / off, camera speaker volume, and camera LED Auto / On / Off. The digital zoom& selective view function is the only setting that cannot be changed simultaneously.

SPECIFICATIONS

General:	
RF Frequency:	2400 MHz – 2483 MHz
Modulation Mode:	GFSK
Spread Spectrum:	FHSS
Operating Temperature:	-10 to +45°C
Operating Humidity:	<85%
Transmission Range:	Up to 1000 feet in open field
Monitor:	
LCD Display:	4" IPS LCD
Resolution:	800 X 480 pixel
Battery:	1760mAh Li-ion 3.7V rechargeable
Duration(Screen ON):	6.5Hours (3 Level LCD backlight)
Duration(Audio-only mode):	11 Hours (3 Level volume)
Time To Full Charge:	4.5Hours
Power Adapter:	Input: 100-240VAC,50-60Hz; Output: 5V / 1.0A ,Type C
Dimensions (W x H x D):	140 X 75 X 19.3 mm
Camera:	
Sensor:	CMOS 1280 X 720 pixel
Night Vision Control:	Auto,1 low light sensor
Night Vision Range:	15ft (5m)
Temperature sensor:	Support
Power Adapter:	Input: 100-240VAC,50-60Hz; Output: 5V / 1.0A,Type C
Dimensions (W x H x D):	66 X 106 X 66 mm

FCC STATEMENT

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

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

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.

FCC SAR Information Statement

Your Video Baby Monitor is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for Video Baby Monitor employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the Video Baby Monitor transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the Video Baby Monitor while operating can be well below the maximum value. This is because the Video Baby Monitor is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a Video Baby Monitor model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this Video Baby Monitor when worn on the body, as described in this user guide, is 0.09 W/Kg (Body-worn measurements differ

among Video Baby Monitor models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various Video Baby Monitor and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this Video Baby Monitor with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this Video Baby Monitor is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: 2AFX2BM904-1 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. * In the United States and Canada, the SAR limit for Video Baby Monitor used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR test distance is 0mm.

IC STATEMENT

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC: " before the certification/registration number only signifies that the Industry Canada technical specifications were met. This product meets the applicable Industry Canada technical specifications.

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC SAR Information Statement

Your Video Baby Monitor is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Innovation, Science and Economic Development Canada of the Canada Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for Video Baby Monitor employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the ISED is 1.6 W/kg. * Tests for SAR are conducted with the Video Baby Monitor transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the Video Baby Monitor while operating can be well below the maximum value. This is because the

Video Baby Monitor is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a Video Baby Monitor is available for sale to the public, it must be tested and certified to the ISED that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the ISED for each model. The highest SAR value for this Video Baby Monitor when worn on the body, as described in this user guide, is 0.7909 W/Kg (Body-worn measurements differ among Video Baby Monitor, depending upon available accessories and ISED requirements). While there may be differences between the SAR levels of various Video Baby Monitor and at various positions, they all meet the government requirement for safe exposure. The ISED has granted an Equipment Authorization for this Video Baby Monitor with all reported SAR levels evaluated as in compliance with the ISED RF exposure guidelines. SAR information on this Video Baby Monitor is on file with the FCC and can be found under the Display Grant section of <https://sms-sgs.ic.gc.ca/> after searching on IC: 29356-BM90401 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. * In the United States and Canada, the SAR limit for Video Baby Monitor used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR test distance is 0mm.

Déclaration d'information IC SAR

Votre Babyphone Vidéo est un émetteur et un récepteur radio. Il est conçu et fabriqué pour ne pas dépasser les limites d'émission pour l'exposition à l'énergie radiofréquence (RF) fixées par Innovation, Sciences et Développement économique Canada du gouvernement du Canada. Ces limites font partie de lignes directrices complètes et établissent les niveaux autorisés d'énergie RF pour la population générale. Les lignes directrices sont basées sur des normes élaborées par des organisations scientifiques indépendantes grâce à une évaluation périodique et approfondie d'études scientifiques. Les normes incluent une marge de sécurité substantielle conçue pour assurer la sécurité de toutes les personnes, quels que soient leur âge et leur état de santé. La norme d'exposition pour le moniteur vidéo pour bébé utilise une unité de mesure connue sous le nom de débit d'absorption spécifique, ou DAS. La limite DAS fixée par ISDE est de 1,6 W/kg. * Les tests de DAS sont effectués avec le moniteur vidéo pour bébé transmettant à son niveau de puissance certifié le plus élevé dans toutes les bandes de fréquences testées. Bien que le DAS soit déterminé au niveau de puissance certifié le plus élevé, le niveau DAS réel du moniteur vidéo pour bébé en fonctionnement peut être bien inférieur à la valeur maximale. En effet, le vidéophone pour bébé est conçu pour fonctionner à plusieurs niveaux de puissance afin d'utiliser uniquement la puissance nécessaire pour atteindre le réseau. En général, plus vous êtes proche d'une antenne de station de base sans fil, plus la puissance de sortie est faible. Avant qu'un moniteur vidéo pour bébé soit disponible à la vente au public, il doit être testé et certifié par ISDE qu'il ne dépasse pas la limite établie par l'exigence adoptée par le gouvernement pour une exposition sûre. Les tests sont effectués dans des positions et des emplacements (par exemple, à l'oreille et portés sur le corps) comme l'exige ISDE pour chaque modèle. La valeur DAS la plus élevée pour ce moniteur vidéo pour bébé lorsqu'il est porté sur le corps, comme décrit dans ce guide de l'utilisateur, est de 0,7909 W/Kg (les mesures portées sur le corps diffèrent selon les moniteurs vidéo pour bébé, en fonction des accessoires disponibles et des exigences d'ISDE). Bien qu'il puisse y avoir des différences entre les niveaux DAS des différents moniteurs vidéo pour bébé et selon les positions, ils répondent tous aux exigences

gouvernementales en matière d'exposition sûre. L'ISDE a accordé une autorisation d'équipement pour ce moniteur vidéo pour bébé avec tous les niveaux DAS signalés évalués comme étant conformes aux directives d'exposition aux RF d'ISDE. Les informations DAS sur ce moniteur vidéo pour bébé sont conservées auprès de la FCC et peuvent être trouvées dans la section Display Grant de <https://sms-sgs.ic.gc.ca/> après une recherche sur IC : 29356-BM90401. Informations supplémentaires sur l'absorption spécifique. Les tarifs (SAR) sont disponibles sur le site Web de la Cellular Telecommunications Industry Association (CTIA) à l'adresse <http://www.wow-com.com>. * Aux États-Unis et au Canada, la limite DAS pour les moniteurs vidéo pour bébé utilisés par le public est de 1,6 watts/kg (W/kg) en moyenne sur un gramme de tissu. La norme intègre une marge de sécurité substantielle pour offrir une protection supplémentaire au public et pour tenir compte de toute variation des mesures.

La distance de test DAS est de 0 mm.