5.5 Full HD 1080p Baby Monitor

User Guide

bokman

Smart and Care

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Learn more about the EU Declaration of Conformity: www.vava.com

MADE IN CHINA

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CONTENTS

SAFETY INSTRUCTIONS

· Keep cord out of the reach of children (more than 3ft / 0.9m away) in case of STRANGULATION.

· NEVER place the camera or cord in or near the crib or playpen.
· NEVER mount the camera directly above the crib or playpen to avoid the risk of injury.
· Only use the AC adapters provided.
· Never use the unit near water, including near a bathtub, sink, laundry machine tube, wet basement, etc.
· Do not install near any heat sources such as radiators, heat registers, stoves, or other devices that produce heat.
· Only use attachments and accessories specified by the manufacturer.
· Unplug this device when unused for long periods of time.
· Do not insert anything into the upgrade pinholes. This operation is only intended for professionals.

CAUTION

· NOT toys. Do not allow children to play with them.
· The lens and lens hood are small parts, keep them out of your baby's reach at all times.

· This product is NOT intended to replace the proper supervision of children. You MUST check your child's activity regularly.
· This product is not intended for use as a medical camera and its use should not replace adult supervision.
· Unplug the product during lightning storms.
· Please check the operating range and condition of the camera carefully at the initial installation, and on a regular basis after that.
· Check the reception regularly. Test the camera before use and after changing the camera's location.
· For indoor use only.
· Clean the camera with a dry cloth only.
· Do not block any ventilation openings.
· Microphone feedback might occur when the monitor is too close to the camera. Please keep them at least 1.5m / 4.9ft apart.

PACKAGE CONTENTS
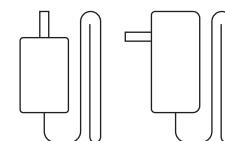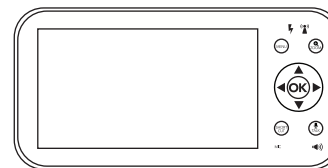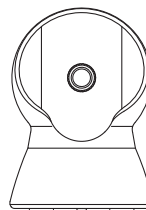
· Baby Monitor & Camera (Model: VA-IH006)
· Monitor Adapter with USB-C Charging Cable
· Camera Adapter
· USB-C Charging Cable
· Quick Start Guide
· User Guide

User Guide

Quick Start Guide

PRODUCT DIAGRAM

Baby Monitor

① Antenna
② USB-C Port
③ On/Off Button
④ Menu Button
⑤ Power Indicator
⑥ Charging Indicator
⑦ Zoom Button
⑧ Left Button
⑨ Up Button

⑩ Right Button
⑪ OK Button
⑫ Down Button
⑬ Talk Button
⑭ Power Button
⑮ Short Cut
⑯ Back Stand
⑰ Speaker
⑱ Reset Pinhole

Camera

① Camera Antenna
② Camera Vents
③ Lens
④ Mounting Hole

⑤ Reset Pinhole
⑥ Temperature Sensor
⑦ Speaker
⑧ USB-C Charging Cable
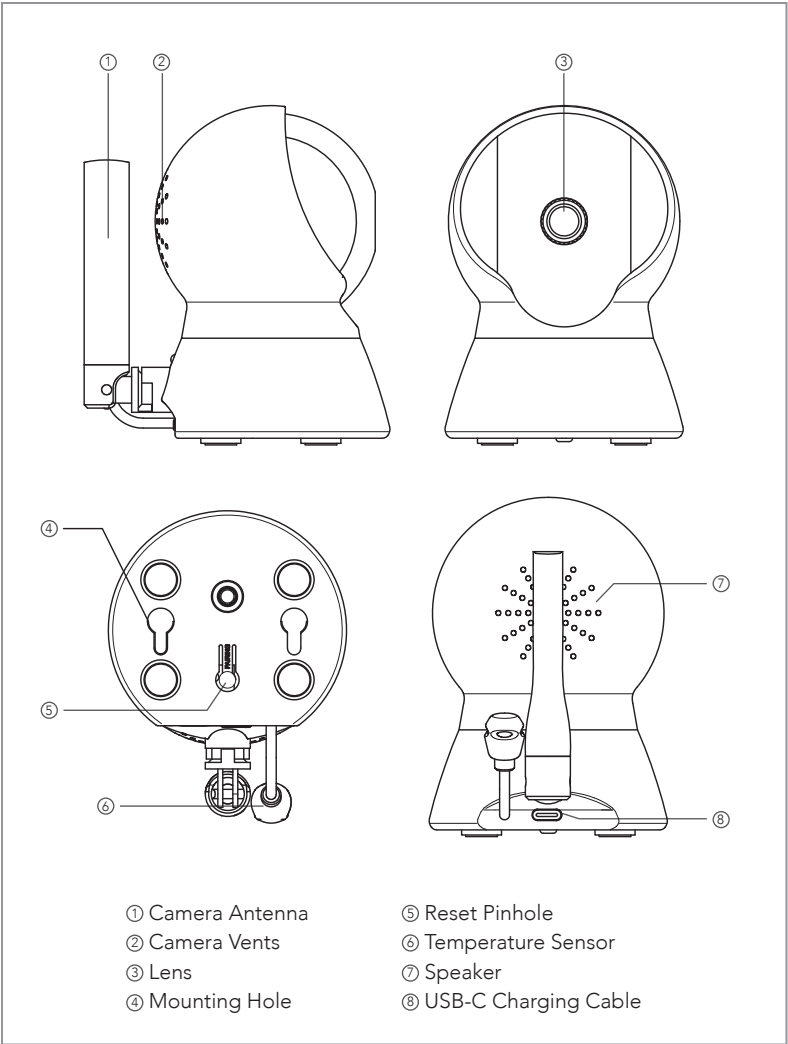
GETTING STARTED

1. Charging & Powering Baby Monitor
1) Connect the monitor adapter to the monitor and a power outlet.
2) Unplug the unit when its power indicator turns off, indicating a full charge.
3) Press the Power button on the monitor to power on with the power indicator lighting green.

2. Powering Camera
Connect the camera to power source via the USB-C Charging Cable and camera adapter.

> **TIPS**
> · Only use the power adapters included in the package.
> · Do not place the camera and power cord within the reach of your baby.

3. Pairing the Baby Monitor & the Camera
By default, one camera has been paired with the monitor when manufactured. When you power on the monitor and camera, the two will automatically pair.
To add more cameras, press the Pair Button at the bottom of the camera, press Menu button, select through ⊙ > ⊕ > + , and then the monitor will auto-pair with the camera.

> **TIPS**
> · Once they're paired successfully, the camera number with icon
>   📷$_1$ will be shown at the top left.
> · Microphone feedback might occur when the monitor is too close to the camera. Please keep them at least 1.5m / 4.9ft apart.
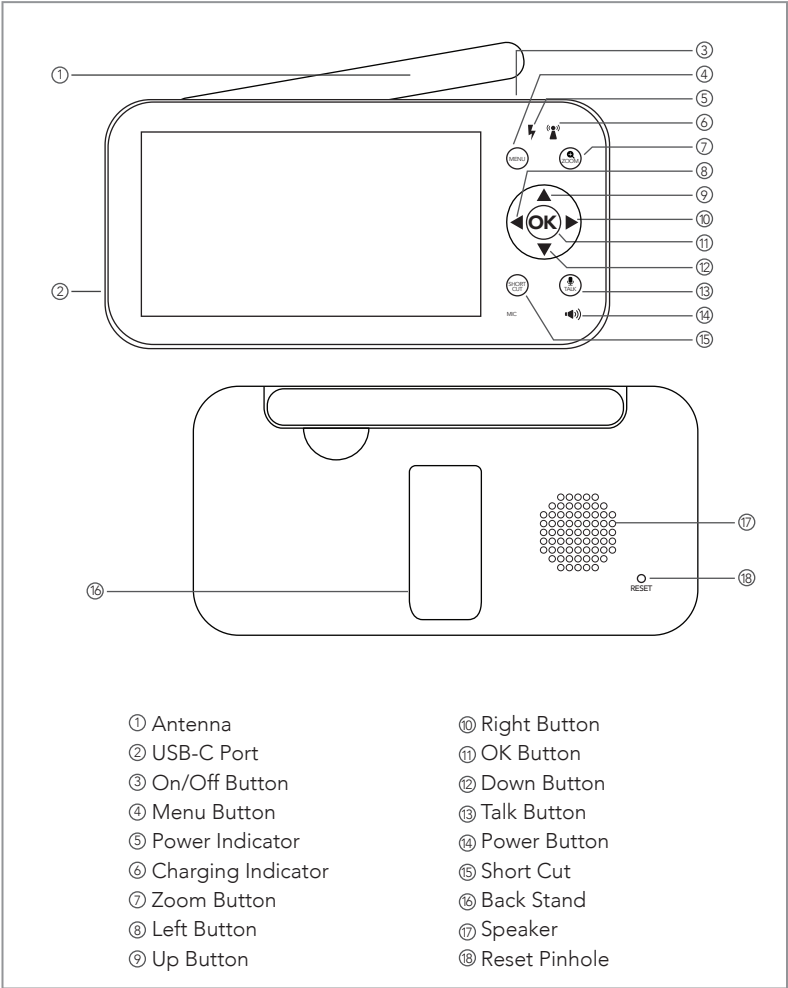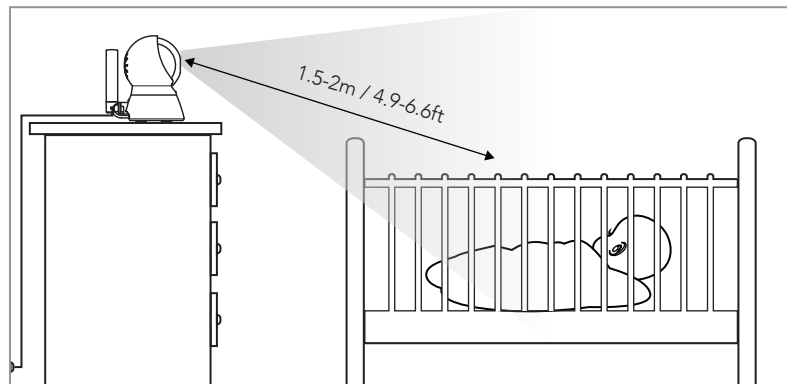> · It is recommended to pair in the baby's room, or wherever you intend to place the camera.

4. Placing the Camera
Place the camera 1.5-2m / 4.9-6.6ft away from your baby for safety reason and for a better view when in night vision mode.

5. Wall Mounting Camera
1) Select the spot to mount the camera, keeping it beyond your baby's reach.
2) Insert the screw (not included) pre-installed on wall into the mounting hole of the camera.
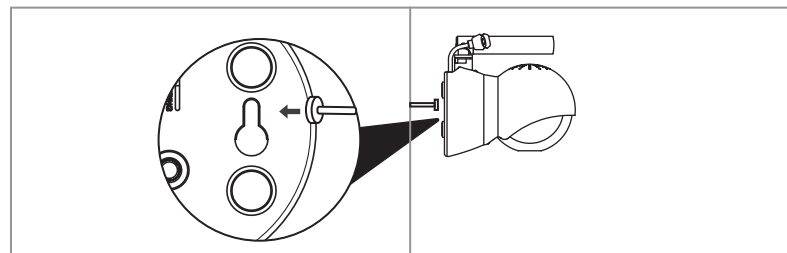
> **TIPS**
> It's strongly recommended to use a screw and screw anchor. Don't release the camera until you're sure it is firmly mounted.

FUNCTIONS & OPERATIONS

Monitor Interface Overview

Top Status Indications

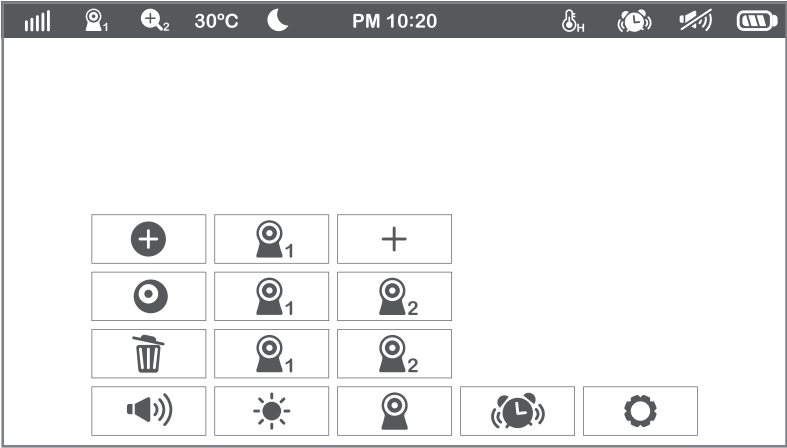|	Signal	4 levels
$\overset{1}{\text{cam}}$	Current Camera	Camera 1 / Camera 2
$\overset{2}{\oplus}$	Zoom	2X / 4X
°C	Current Temperature	°C / °F
🌙	Night Vision	Auto ON in a dim environment
PM 10:20	Current Time	AM / PM
⏰	Alarm	ON / OFF
🔇	Mute	Mute all system sounds
🎤	Talk-back	ON / OFF
🔋	Battery	5 levels

Bottom Menu Brief

⊕	Add Camera	Max. 2 cameras
⊙	View Camera	Select to view each at a time
🗑	Delete Camera	Select to delete cameras
🔊	Speaker Volume	0-6 levels (mute when it's 0)
☀	Brightness	1-7 levels
📷	Camera	To add / view / delete cameras
⏰	Alarm	OFF / 2Hr / 4Hr /6Hr / Set Time (hour / minute / AM, PM)
⚙	Settings	🕐 Time 🎤 System sound volume 🌡 Temperature scale ⏻ Auto-sleep time ↩ Restore to factory setting ☎ Customer service contacts

1. Monitor Settings

Press Menu Button, Left and Right Buttons, and then OK Button to set the monitor:

1) 🕐 Time setting: Set the current time by setting hour, minute, and AM/ PM.

2) 🎤 System sound volume: Select between Low, High, and Mute.

3) 🌡 Temperature scale: Select between °C and °F.

4) ⏻ Screen auto-sleep time: Select between 1min, 2min, 5min, and OFF.

5) ↩ Restore to factory settings: Press OK Button to confirm resetting; "Restoring factory settings" will be shown when restoring, and you can't press any button to control the device during this period. The monitor will auto restart when it's done.

6) ☎ Customer service contacts: Check the email, Tel. number, and address for customer service.

· To mute the sound during poor monitor-camera connection, please set the 🔇 system sound volume to mute.
· When the monitor screen is under sleep mode, the power indicator flashes green slowly while the audio is still on; press any button to awake. You can also short press the Power Button to turn the screen off.
· Press and hold the Power Button to power on / off the monitor.

2. Add / View / Delete a Camera
1) Press Menu button, select through 📷 > ➕ > ＋ to add a camera.
2) Select through 📷 > 👁 to view a camera.
3) Select through 📷 > 🗑 to delete a camera.

You can switch viewing different cameras; the current camera number will be shown with the Camera icon 📷 on the monitor.
You can only select one camera to view at one time.

3. Digital Zoom & Circulating
Press Zoom Button to zoom in to 2X / 4X when viewing the camera. A third pressing of the button will restore to the original image.
Press and hold OK Button 4 seconds to start auto circulating, press OK again to stop.

The current zoom level number will be shown with the Zoom icon ➕₂ on the monitor.

4. Pan-n-Tilt
When viewing the camera, press Left / Right / Up / Down Button to view at different angles, 38 degrees vertically and 169 degrees horizontally.

5. Volume Adjustment
Press Menu Button -> OK Button -> Left / Right Button to volume down / up, and OK Button to saving your settings.

For system sound adjustment, please go to Monitor Settings > 🔔 System sound volume   .

6. Night Vision
The night vision is automatically activated in a dim environment. The camera has 12 high-intensity infrared LEDs for picking up clear images in the dark. Black and white images can be captured within 2m distance.

7. Alarm
Press Menu Button > Right Button to locate Alarm menu > OK Button > Up / Down Button to select the timer setting. You can set a 2Hr, 4Hr or 6Hr alarm, or set the hour and minute otherwise. When the alarm time is reached, a beep will be heard. Press OK Button to stop; otherwise it'll keep beeping for 30s, beeping again in 1min, stops after it's alerted 3 times.

· When the timer is set, the Alarm icon 🔔 will be shown on the monitor.
· Before setting, please check that the monitor time is your current time.

8. Talkback

Press and hold Talk Button to talk to your baby, release it to exit the talking mode.

9. Temperature Alert

The monitor will prompt too high (>35°C / 95°F) and too low (<0°C / 32°F) temperatures with the "HH" and "LL" icon, accompanied with a 🌡H & 🌡C icon and a beep alert.

SPECIFICATIONS

Monitor

Model	OT-BC003-BU
Sonix IC	SN93700
Resolution	IPS (1920 x 1080), PPI=293
Connectivity	2.4GHz
Image Aspect	FHD 1080
Image Compression	h.264 (frame rate = 18fs)
Operating Range	280 - 300m (antenna vertically positioned at 90°)
Temperature Alert	Yes
Volume Control	7 levels
Brightness	7 levels
Antenna	Rotatable (max. 90 degree)
Power Input	5V / 1.5A (1.5m long USB C cable)
Zoom	Zoom In (2X)
	Zoom In (4X)
Two-Way Talk	Yes
Multi-Camera	Max. 2 cameras
Storage Temperature	-10°C ~ 55°C / 14 - 131°F
Operation Temperature	0°C ~ 40°C / 32 - 104 °F

Camera

Cmos	1080p (1980x1080), 3.0M, 1/4"
Connectivity	2.4GHz
Image Compression	h.264 (frame rate = 18fs)
Power Input	5V / 2A, 2.5m-long USB-C Charging Cable
Pan-n-Tilt	38 degrees vertical (Up=90, Down=18)
	169 degrees horizontal (Left=135, Right=135)
Zoom	Zoom In (2X)
	Zoom In (4X)
Lens Focal Length	1.5m to infinity
Night Vision	Black & White image, up to 2m clear range
IR LED	Non-visible IR LED with wavelength 940nm (x 12 pcs)
Light Sensor	Yes
Two-Way Talk	Yes
Storage Temperature	-10°C ~ 55°C / 14 - 131°F
Operation Temperature	0°C ~ 40°C / 32 - 104 °F

TROUBLESHOOTING

Product not powering on?	· Check that the camera and monitor are turned on. · Check the camera is connected to power properly (it cannot be charged; it's power off once disconnected from power). · Check that the monitor is of enough battery (it'll auto shut off when battery level icon flashes red slowly on the monitor).
Baby monitor can't connect with the camera?	· Check whether the camera is near the monitor (recommended to keep within 1.5-2m / 4.9-6.6ft). · Check whether the monitor is of low battery. Charge it in time to restore good connection. · Check whether the camera is well connected to power. · Check whether there are any large metallic objects including doors, refrigerators, mirrors, etc., are placed between the camera and monitor thus blocking the radio signals. · Check whether there's any other 2.4GHz product is used nearby like WiFi routers, microwave ovens, which may interfere the connection. · If nothing above is involved, please retry to pair: Press and hold the OK button on monitor to enter pairing mode, and the monitor will connect with the camera nearby automatically.
Nothing shown when I view a camera?	· Check all connections to the camera (power cable plugging and pairing). · Check whether the screen is in sleep mode. Press any button to awake it. · Check whether the camera is within range of the monitor. · Adjust the monitor antenna to vertical position for better signal transfer.

No sound from the monitor?	· Check whether the system sound volume is set High or Low. It'll be mute if set so.
Black and white pictures?	Night vision LED may be ON. Please turn on room lights to force it out of the night mode.
Choppy videos?	· Check whether the camera is near the monitor and that there're no obstacles between them. · Adjust the monitor antenna to vertical position for better signal transfer.
Too much noise?	· Volume may be set too high. Press Menu Button -> OK Button -> Left Button to volume down. · The camera and monitor may be put too close; keep them at least 1.5m / 4.9ft apart. · The camera may be too out of range. Please keep it within 10m / 32.8ft to the monitor.

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 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.

FCC 20cm Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IC STATEMENT

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1) L'appareil ne doit pas produire de brouillage;
2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 etla conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne surl'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ouémetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.