Simyke

User Manual

BMS45P Baby Monitor



MADE IN CHINA



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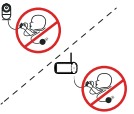
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Safety Instructions



Warning:

- STRANGULATION HAZARD-Children have STRANGLED in cords . Keep this cord out of the reach of children (more than 3 ft (1m) away).
- NEVER PLACE THE CAMERA OR CORD IN OR NEAR CRIB OR PLAYPEN. Secure the cord at least 3 ft away from crib or playpen.
- CHOKING HAZARD-This product contains small parts which may cause choking.
- SHOCK WARNING-To prevent electric shock, NEVER use the transmitter or receiver near water, including near a bathtub, sink, laundry tub, wet basement, etc.
- CAUTION-Only insert a battery pack of the same type. Risk of explosion if battery is replaced with an incorrect type.
- Use only the DC adapters provided.
- Adult assembly is required. Keep small parts away from children when you are assembling.
- This product is not a toy. Do not allow children to play with it.
- This product is NOT intended to replace proper adult supervision of children.
- You MUST check your child's activity regularly, as this product will not alert parents to silent activities of a child.
- Before using this product, read and follow all instructions and warnings contained in this booklet.
- Do not allow water damage to the camera unit, monitor unit, power adapter, or charging cable which cause overheat of the charging components.
- Do not use unofficial third party charging cables to charge the device. This may result in overheat of the charging port.Only use the charging cables provided in the box.
- Do not use unofficial third party power adapters, especially high wattage adapters. This may result in overheat of the cable and/or charging port. Only use the adapter provided in the box.

FCC Statements

- These devices, including Baby Camera and Baby Monitor, comply with Part 15 of the FCC rules. Operation is subject to the following two conditions: These devices may not cause harmful interference. These devices must accept any interference received, including interference that may cause undesired operation. Class B Digital Device. This equipment have 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 distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an experienced radio / TV technician for help.

• Warn user. The Federal Communications Commission warns the users that changes or modifications of the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

• BMS45P TX: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

• 5150-5250MHz is restricted to indoor use only.

• **A warning that batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the light.**

1) Replacement of a battery with an incorrect type that can defeat a safeguard;
2) Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery that can result in an explosion;
3) Leaving a battery, in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
4) A battery subjected to extremely low air or pressure that may result in an explosion or the leakage of flammable liquid or gas.

Battery Capacity: 3.7V 4200mAh 15.54Wh

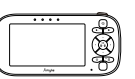
Type: Li-ion Battery

Getting Started

Package Contents


Camera Unit x1


Charger x1


Monitor Unit x1


Charger x1


Set Screw x2


Wall Mount x1

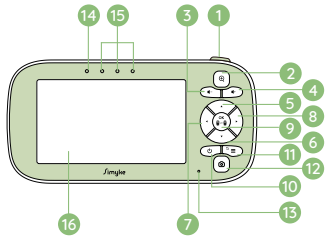

User Manual x1

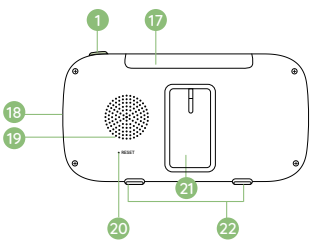
Ejector Pin ×1

1 Set for BMS45P
2 Sets for BMS45P-2

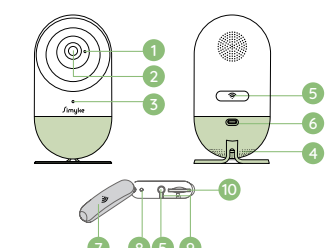
NOTE: Power adapter varies by region.

Product Overview





1	Talk Button
2	Zoom Button
3	Volume -
4	Volume +
5	Up Button
6	Down Button
7	Left Button
8	Right Button
9	OK / Switch Camera
10	Power Button
11	Menu / Back Button
12	Snap & Record Button
13	Microphone
14	Power LED
15	Volume LED
16	Screen
17	Antenna
18	USB-C Port
19	Speaker
20	Reset
21	Stand
22	Silicone Pad

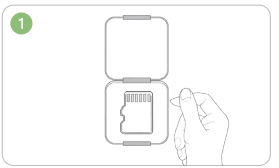


1	Light Sensor
2	Lens
3	Microphone
4	Speaker
5	Wi-Fi ON / OFF Switch
6	USB-C Port
7	Silicone Cover
8	Configuration Hole
9	Power LED / Wi-Fi LED
10	MicroSD Card Slot

Setting Up Your Monitor System

Installing the MicroSD Card

1. Remove the microSD card.
2. Install the microSD card into the SD card slot of the camera unit.

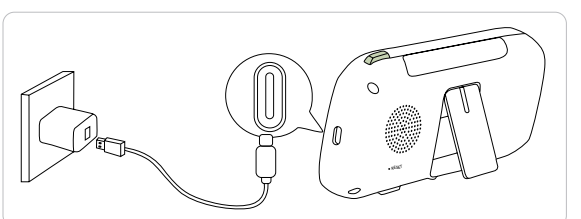


NOTE: MicroSD card is not included. Supports up to 128GB.

Charging the Monitor Unit

Please fully charge the monitor before use. How to charge the monitor:

1. Connect the USB Type-C end of the charging cable (1.8 m) to the monitor and the other end to the power adapter (5V 2A).
2. Plug the power adapter into a power outlet.

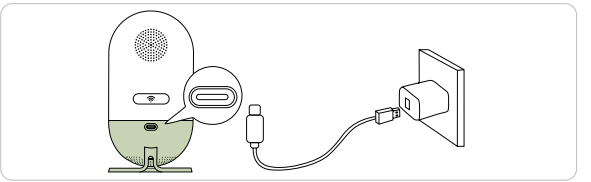


NOTE:

1. Only use the USB-C adapter included in this package.
2. The monitor unit is supplied with a built-in rechargeable Li-ion battery.

Powering the Camera

1. Connect the USB Type-C end of the charging cable (1.8 m) to the camera and the other end to the power adapter (5V 2A).
2. Plug the power adapter into a power outlet.

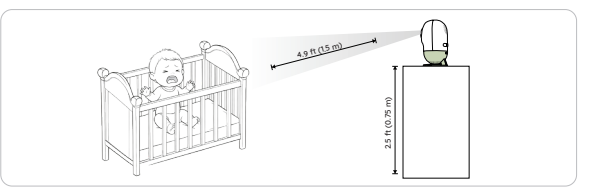


NOTE: Only use the USB-C adapter included in this package.

Placing / Mounting the Camera

Placement of the Camera

1. We recommend positioning the camera 2.5 ft (0.75 m) above the ground.
2. We recommend a minimum of 4.9 ft (1.5 m) of distance between the camera and the infant.

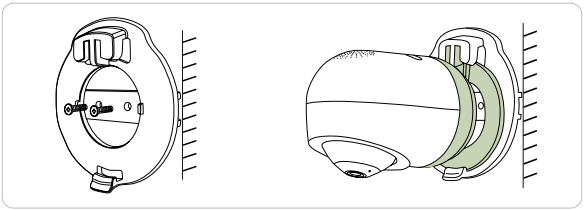


NOTE:

Please ensure the camera's power cable is positioned where your baby cannot see it when installing and operating the device.

Wall Mounting the Camera

Find a position where you can get the desired field of view, then mount it on the wall by following the steps below.



NOTE:

1. The installation wall needs to be able to bear at least 3 times the total weight of the camera.
2. If the camera is mounted upside down, the image should be flipped as well. Please set it via the Simyke App > Device (tap the device to go to the live video page) > Settings > General > Screen Settings > Screen Flip.
3. Do not point the camera toward a glass window, or it may result in poor image performance due to glare from infrared LEDs, ambient lights, or status indicators.

LED Indicator Guide



The LED indicator on the back of the camera has three colors: red, green, and blue. The meanings of each color and status are shown in the table below.

LED Status	Meaning
Red light flashing for 20s	Power-on self-test (POST).
Red light solid on for 15s	Self-test done. Unpaired.
Green light flashing continuously	Press and hold the configuration hole to enter pairing mode.
Blue light solid on for 15s	Network connected.
Red light flashing continuously	Wi-Fi disconnected.

NOTE:

1. To minimize disruption from the indicator light, this product features a silent design. Under normal conditions — except when entering pairing mode or in the event of a Wi-Fi disconnection — the indicator light will automatically turn off after **15s**.
2. After the indicator light turns off, briefly press the button on the back of the camera to check the current status. The indicator light will respond as follows:

LED Status	Meaning
Blue light solid on for 15s	Network connected.
Red light solid on for 15s	Unpaired.
Red light flashes twice	Camera Wi-Fi off.
No light	Indicator light has been turned off via the Simyke app.

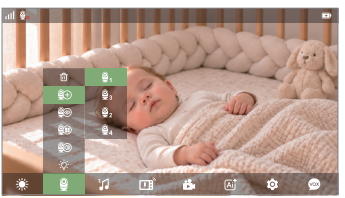
3. If you prefer the indicator light not to turn on during any status change (including Wi-Fi disconnection), you can adjust this setting via the Simyke App >> Device (tap the device to go to the live video page) >> Settings >> Power Indicator.

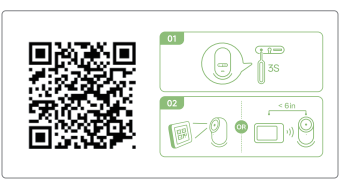
Using the Monitor Unit (Plug & Play)

Pairing the Camera

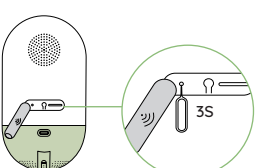
The camera unit is pre-paired to your monitor unit. You do not need to pair it again unless the pairing between the camera and the monitor is lost. To re-pair your camera unit, or to add a new camera unit, follow the steps below:

1. Menu > Camera > Add Camera > Camera 1 > OK



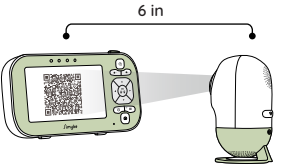


2. After powering on the camera, press and hold the **configuration hole** on the back of the camera with the ejector pin for **3S**.

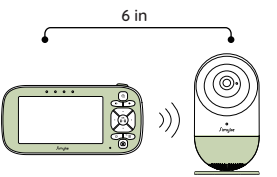


3. The camera is in pairing mode when it announces "**Ready to pair.**" and the **green** LED starts flashing. There are two ways to pair it with the monitor:

Method 1 : Scan to connect
Scan the QR code (recommended distance: **6 inches**).



Method 2 : Auto-connect
Bring the monitor close to the camera (within 6 inches) for automatic pairing.

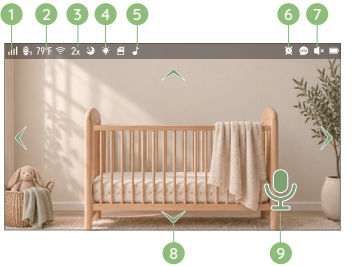


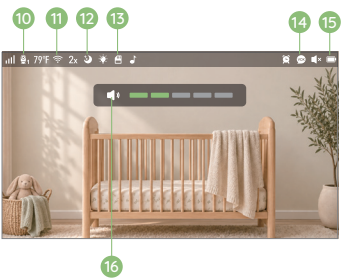
4. Once the camera recognizes the monitor, it will announce **"Connecting, please wait."** After pairing is successful, it will announce **"Connected."**

NOTE:

1. If a particular camera unit was previously registered with another monitor unit, registering with the current monitor unit will overwrite the old registration on the camera unit.
2. To exit pairing mode, press and hold the configuration hole again. When the camera announces "Exit QR code scanning." and the green light stops flashing, the camera has exited pairing mode.

Display Screen & Status Icons





1	Signal Strength Indicator	2	Ambient Temperature
3	Zoom Magnification	4	Night Light
5	Lullaby	6	Feeding Reminder
7	Display Mute	8	Pan-Tilt Control
9	Two-Way Talk Activated	10	Current Camera
11	Wi-Fi Signal	12	Night Vision
13	MicroSD Card Detected	14	VOX
15	Battery Power	16	Screen Volume

Menu Options Overview (Lower Screen Bar)

Icon	Description	Option	
	Screen Brightness		
	Camera Options	Delete a Camera	
		Add (Pair) a Camera	
		View a Camera	
		Split-Screen Mode	
		Camera Speaker Volume	
		Camera Night Light	
	Lullaby	♪1 ♪2 ♪3 ♪4 ♪5 ♪× ⇌	
	Display Alert	Feeding Reminder	
		Event Alerts	
	Playback	MicroSD Card	Storage Space
			Reset MicroSD Card
		Auto Record	Motion Recording
			24/7 Recording
		Album	Video
			Picture
	AI Detection	Human Detection	
		Motion Tracking	
		Cry Detection	

Icon	Description	Option
	Settings	Temperature Unit - °F / °C
		Time Settings
		Wi-Fi ON / OFF Switch
		Camera Sleep Mode
		Contact Us
VOX	VOX Sensitivity	OFF

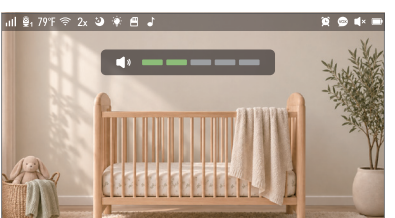
OSD (On Screen Display) Mode Operation

Screen Off / Power Off

- Press the power button to get into the SCREEN SLEEP MODE.
- Long press the power button to turn on / off the screen.

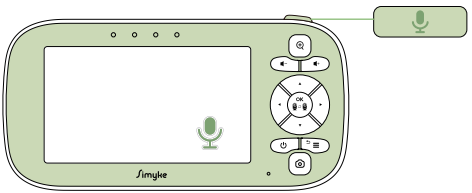
Volume Adjustment

- Press the Volume - / Volume + buttons to adjust the volume directly.



Talk to Baby

To talk, press and hold the TALK button **on the top of the display**. Release the button when you have finished talking and want to listen from the baby's room again. Bear in mind that you not be able to listen to your baby while talking to the monitor. You have to stop pressing this button before listening to your baby. When you are using this function, the talk icon will be displayed on the screen.



Infrared Night Vision (Automatic)

The infrared night vision function allows the camera to pick up images of your baby or the monitored area in dark or low light conditions. When using the night vision mode, only black and white images will be displayed at the monitor. (When the camera is in night vision mode, the night vision icon will be displayed on the top of the screen).

AI Detection

- The display offers three AI detection functions: Human Detection, Motion Tracking, and Cry Detection. To enable these functions, please follow the steps below:

Menu > AI > / / > ON .

- Once enabled, the screen will send a **pop-up** notification whenever the camera detects an anomaly. While the pop-up is shown, **pressing any button will dismiss it.** If no action is taken within **15s**, it will disappear automatically.

- In addition to the pop-up notifications, you can also enable **audible alerts** by following the steps below:

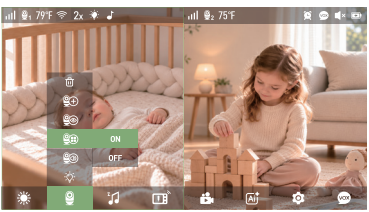
Menu > Display Alert > Event Alerts > ON .

Split-Screen Mode

- Go to the second icon (Camera) in the menu bar, find the split-screen icon, and select ON to enter split-screen mode.

- When no camera is paired or only one camera is paired with the display, split-screen mode cannot be activated. If you select ON in this case, the message "**Split-screen needs 2+ cameras.**" will appear.

- When **two cameras** are paired, you can use **2-way split view**.
- When **three or four cameras** are paired, you can use **4-way split view**.
  (The display supports up to 4 cameras.)



- In split-screen mode, the **highlighted frame** will default to the camera that was active before entering split-screen view. All display buttons and menu operations (such as pan / tilt control, zoom, night light, and lullaby) will apply to the currently selected camera.

- To switch cameras in split-screen mode, **briefly press** the OK OK button.
- To enter full-screen view of the selected camera, you can do one of the following:

Method 1:

Press and hold the OK OK button.

Method 2:

Menu > Camera > Split-Screen > OFF .

Method 3:

Menu > Camera > Camera View > Camera 1 > OK .

Snap & Record & Playback on the Display

- Once a microSD card is inserted into the camera unit, the monitor unit will detect it. You can use the camera button on the monitor unit to record. A **short press** captures a photo. **A long press** starts video recording, and another long press stops it.

- Manually recording can be reviewed via Menu > Playback > Album .

- You can also choose Motion-Activated Recording or 24/7 Continuous Recording via Menu > Playback > Auto Record > / .

VOX Setting

This mode allows you to control the sound activation of your baby monitor. If there is no sound around the camera within 30s, it will stop the transmission. The monitor screen will turn off when the camera is not transmitting. When the camera detects the sound exceeding the sensitivity level, it will start transmitting the signal to the monitor and alert the user.

NOTE:

1. is high sensitivity level.
2. is medium sensitivity level.
3. is low sensitivity level.
4. VOX Mode default: OFF OFF .

Warning Volume Setting

- Menu > Display Alert > Event Alerts > ON .

This setting turns on / off the audio "beep" sound from the monitor unit to alert you when the unit is low on battery or out of range. Additionally, it enables audible alerts for all events, such as feeding reminders and AI event notifications.

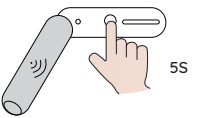
Disconnect Wi-Fi

To disconnect the camera from Wi-Fi, you can do one of the following:

Method 1:

• Menu > Settings > Wi-Fi ON / OFF Switch > OFF .

Method 2:



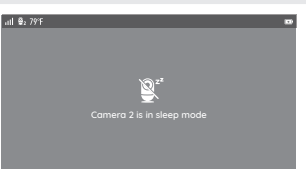
Press and hold the Wi-Fi button on the back of the camera for 5S. When you hear "Camera Wi-Fi off.", and the indicator light flashes red twice and then turns off, the Wi-Fi has been disconnected.

Camera Sleep Mode

To temporarily disable monitoring without powering off the device, put the camera into sleep mode via Menu > Settings > Sleep Mode .

NOTE:

1. When Camera Sleep Mode is enabled, the camera's microphone and lens will be completely disabled, and the camera feed will not be available on either the display unit or the App.
2. **This mode is intended only for brief privacy shielding when an adult is present in the room — for example, during feeding, soothing, or changing in the nursery. It must never be used while your baby is sleeping alone.**
3. To disable this mode: it will turn off automatically after the set duration. If you wish to turn it off earlier, you can manually turn it off on the display unit via Menu > Settings > Camera Sleep Mode > OFF OFF .



Using the Smartphone App (Wi-Fi Mode)

Pairing the Camera via Wi-Fi

1. Scan the QR code to download and install the Simyke App. Also, you can search "Simyke" on App Store (iOS) or Google Play (Android) to download and install Simyke App.

Download the APP

2. CONNECT THE CAMERA TO THE APP

The camera can be connected both to the monitor and the App. Generally, it is connected to the monitor by default. Follow the steps below to connect the camera to the App.

1) Download the Simyke App on your phone. Register a new account to log in or log in directly.
2) Turn on the camera and make sure the Wi-Fi connection is set to the "Wi-Fi ON" status. There are two ways to confirm:

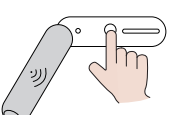
Method 1: Check via the display menu

- Menu > Settings > Wi-Fi .

- Wi-Fi switch is set to **ON**: Wi-Fi is enabled.
- Wi-Fi switch is set to **OFF**: Wi-Fi is disabled.

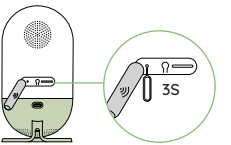
Method2: Check on the camera

- Short press the Wi-Fi button on the back of the camera.



- Solid **blue** light: Wi-Fi is enabled.
- **Red** light flashes twice: Wi-Fi is disabled. To turn it on, press and hold the button for **5s** until you hear the prompt "**Camera Wi-Fi on**."

3) Using the ejector pin, press and hold the configuration hole on the back of the device for 3S, and release it after hearing the voice prompt. The **green** indicator light will then start flashing.



4) Point the QR code at the camera until you hear the voice prompt "Connecting, please wait.", which indicates that the device has started connecting automatically. If you do not hear the voice prompt "Connecting, please wait." during the QR code scanning process, the scan has failed. Please refer to the prompts in the App for more details.

5) Once connection has been achieved, set the product name to get started.

Scan the QR code to watch the pairing video

Specifications

Model Number:	BMS45P
RF Frequency:	2400–2483.5 MHz (Monitor / Camera) 5150–5250 MHz (Camera) 5725–5850 MHz (Camera)
Operating Temperature Range:	0°C - 50°C
Origin:	Made in China
Wireless Communication:	Wi-Fi / FHSS
TX-RX Transmission Range:	1200ft
Input Voltage:	5V
Power Adapter:	5V, 2A
Charging Cable:	70 in
Camera Vertical Turning Angle:	110° Tilt
Camera Horizontal Turning Angle:	355° Pan

Troubleshooting

No Reception on the Monitor	The power adapters may not be properly connected.
	Confirm that the camera and monitor are ON.
	The camera may be far away from the monitor.
	Camera and monitor may not be properly paired; follow Pairing the Camera instructions.
Interference or Poor Reception	Move the monitor close to the camera.
	The camera or monitor may be placed too close to many metal objects.
	Other electronic devices may be interfering with the signal.
	The battery power may be too low.
Audio Feedback (High Pitched Noise)	The camera and monitor may be placed too close together.
	The volume on the monitor may be set too high.
Frozen Picture on Screen	Repower the camera unit (plug out the adapter, then plug it into the socket again).
	Press the RESET key on the back of monitor unit.

Customer Service

Warranty Policy

We guarantee 12 months warranty and professional after-sale service within 24 hours.

Contact Us

If you have any questions, please feel free to contact us via our official email address: **support@simyke.com**

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