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› [Simyke](#) /

› [Simyke Video Baby Monitor User Manual](#)

Simyke BME28-2

Simyke Video Baby Monitor User Manual

Model: BME28-2

Brand: Simyke

Keywords: Upgrade, Video, Baby, Monitor, 2 Cameras, Audio, 2.8" Screen, Night Vision, APP, 2 Way Talk, 1200ft Long Range, Feeding Clock, Temperature Detection, Portable, Wireless, Home Use, BME28-2

1. INTRODUCTION

The Simyke BME28-2 Video Baby Monitor system provides comprehensive monitoring of your child with two cameras, a 2.8-inch display, and app connectivity. It features night vision, two-way audio communication, VOX auto wake-up mode for power saving, feeding clock reminders, and temperature detection. With an extended range of up to 1200ft, this portable and wireless system ensures you stay connected to your baby at all times, whether at home or on the go.

2. WHAT'S IN THE BOX

- 1x Parent Unit (Display)
- 2x Baby Cameras
- 3x Power Adapters
- 1x User Manual



Figure 2.1: All components included in the Simyke BME28-2 Video Baby Monitor package.

3. SETUP INSTRUCTIONS

The Simyke BME28-2 Baby Monitor is designed for easy plug-and-play setup. Devices are factory paired for immediate use.

3.1 Initial Power On and Connection

1. Connect each baby camera to a power outlet using one of the provided power adapters. A blue light on the camera indicates successful power connection.
2. Connect the parent unit (display) to a power outlet using another provided power adapter.
3. Turn on the parent unit. The cameras and monitor are factory-paired and should connect automatically.

Your browser does not support the video tag.

Video 3.1: Demonstrates the initial setup and connection process for the Simyke Baby Monitor.

3.2 Camera Placement and Mounting

Place the baby cameras in desired locations within range (up to 1200ft). The cameras feature a movable base

for flexible positioning. They can be placed on a flat surface or optionally mounted to a wall using the provided mounting points on the base. For optimal viewing, ensure the camera has a clear line of sight to the monitoring area.

Two Cameras

Viewing 2 rooms at the same time (Up to 1200ft range)

Up to 4 Cameras



Figure 3.1: Example of two cameras in use, monitoring different areas.

3.3 App Connectivity (Optional)

For remote viewing and additional features, download the Simyke app. The app requires a 2.4GHz Wi-Fi connection (5G Wi-Fi is not supported). Follow the in-app instructions to connect your cameras to the Wi-Fi network and link them to your account.

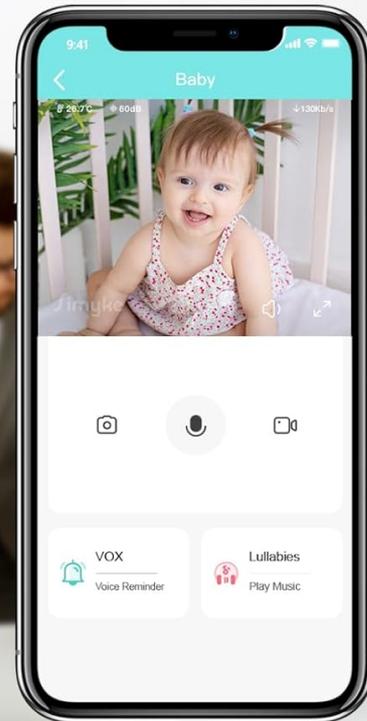
Home Viewing

Viewing via the plug & play screen or app not required



On - the - Go Viewing

Viewing via the app on your smartphone/tablet



(This baby monitor only supports 2.4 GHz Wi-Fi, not 5G Wi-Fi)

Figure 3.2: Illustrates both local monitor viewing and remote app viewing options.

4. OPERATING INSTRUCTIONS

4.1 Two-Way Audio

The monitor and app support two-way audio. Press and hold the talk button on the parent unit or use the microphone icon in the app to communicate with your baby.



Figure 4.1: Demonstrates the two-way audio communication feature.

4.2 Night Vision and Lullabies

The baby cameras feature automatic night vision for clear viewing in low-light conditions. The monitor also includes 5 pre-set lullabies and white noise options to help soothe your baby to sleep. Access these features through the menu on the parent unit.

Night Vision with Lullabies

You see your little baby clearly in the night and play soothing music through the app or the display.



Figure 4.2: Night vision and lullaby features in use.

4.3 VOX Auto Wake-up Mode

In VOX mode, the parent unit's screen will automatically turn off to conserve battery when no sound is detected below 60dB. When sound is detected, the screen will light up to alert you. You can adjust the VOX sensitivity level or disable the feature via the monitor's menu.

VOX Auto Wake-up Mode



Figure 4.3: VOX Auto Wake-up Mode functionality.

4.4 Temperature Detection and Feeding Clock

The monitor displays the room temperature where the camera is located, ensuring your baby's comfort. A feeding clock feature can be set to remind you of feeding times.

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Video 4.1: Overview of functional uses including temperature detection and feeding reminders.

4.5 Multiple Camera Viewing

The system supports up to 4 cameras, allowing you to monitor multiple rooms simultaneously. You can switch between camera feeds manually or use the scan mode to cycle through them automatically.

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Video 4.2: Demonstrates multi-camera setup and scan mode functionality.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the monitor and camera surfaces. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.
- **Battery Care:** To prolong battery life, avoid extreme temperatures and fully charge the parent unit regularly.
- **Cable Management:** Ensure power cables are not tangled or placed where they can be tripped over or damaged.

6. TROUBLESHOOTING

6.1 Monitor Not Working Normally or Performing Erratically

- **Power Supply:** Confirm proper installation and that the power supply is securely plugged in. Only use the Simyke power supply provided. Ensure the electrical outlet is working and not controlled by a wall switch.
- **Units On:** Make sure both the parent unit and baby camera are turned on. Verify that the blue light on the back of the camera is illuminated.
- **Range/Interference:** The parent unit may be too far from the baby unit, or other equipment (e.g., Wi-Fi devices like laptops, smartphones, routers, tablets) may be affecting the connection. Try placing the parent unit at least 3 feet away from Wi-Fi devices. Move the parent unit closer to the baby unit or away from Wi-Fi devices to find better reception. Units should not be closer than 3 feet apart.
- **Reset:** Try resetting both the parent and baby units:
 - a. Disconnect power to both units.
 - b. Wait approximately 15 seconds.
 - c. Reconnect adapters to both units.
 - d. Wait one minute for the devices to reconnect.
- **Noise/Static:** Noise static and erratic performance may be caused by nearby electronic equipment and other cordless devices using the same frequency. Separate your baby monitor from these devices as much as possible.

6.2 Unable to Scan QR Code to Connect to Network (for App Viewing)

- **Camera Power:** Check if the baby camera is properly plugged in and turned on.
- **Pairing Mode:** Verify if the baby camera has entered network pairing mode normally.
- **QR Code:** Ensure the app can normally generate the correct QR code screenshot.
- **Scan Confirmation:** Check if the camera prompts successful code scanning.
- **Error Message:** Note any specific error messages if the QR code cannot be read or connection fails.
- **Wi-Fi Band:** Confirm that your router is operating on a 2.4G frequency band (currently only supports 2.4G Wi-Fi).
- **Connection Timeout:** If the camera scans the code normally but prompts a network connection timeout, reconfirm your router is 2.4G and the phone's QR code is correct. Try restarting the baby camera and re-entering pairing mode to scan the code.

7. SPECIFICATIONS

Feature	Specification
Model Number	BME28-2 Baby monitor

Indoor/Outdoor Usage	Indoor
Compatible Devices	Tablet, Smartphone
Power Source	Battery Powered
Connectivity Protocol	Wi-Fi (2.4GHz only for app)
Controller Type	Display & APP
Mounting Type	Wall Mount, Horizontal placement
Video Capture Resolution	240p
Color	White
Number of Items	1 (system with 2 cameras)
Number of Channels	2 (expandable to 4)
Night Vision Range	3 Meters
Frame Rate	10 frames_per_second
Material	Polycarbonate (PC), Acrylonitrile Butadiene Styrene (ABS)
Wattage	3.1 watts
Batteries Required?	Yes (1 C battery included for parent unit)
Field Of View	105 Degrees
Alert Type	Audio and Motion
Specific Uses For Product	Baby monitor, Home use
International Protection Rating	IP65

8. WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty claims, please contact Simyke Direct customer service. Refer to the contact information provided in your product packaging or visit the official Simyke website for assistance.

Seller: Simyke Direct