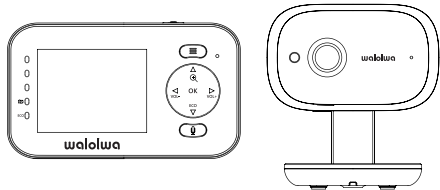


# walolwa

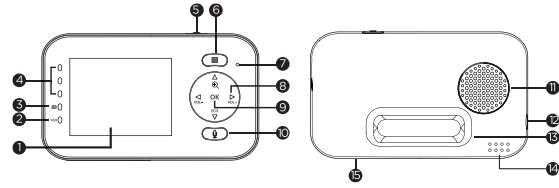
W320

2.8" Smart Baby Monitor



## QUICK START GUIDE

### 1. Overview of the Parent Unit



**1. Display (LCD screen)**

**2. ECO indicator**

**3. Charging LED Indicator**

Red when mains power connected.

**4. Sound Level indicators**

The sound level indicators show the sound level as detected by the Baby Unit - the louder the sound detected, the more LEDs turn on.

**5. Power button**

Press and Hold to turn the Parent Unit ON/OFF. After setting the ECO mode, you can press shortly to enter ECO or wake up the device.

**6. MENU button**

**7. Microphone**

**8. Control key panel**

UP / Zoom ▲

While in the menu, press to scroll up. While viewing a zoomed image, press to zoom in or zoom out the image.

DOWN ▼ / ECO

Press to enter or exit ECO mode quickly. While in the menu, press to scroll down.

LEFT ◀ / VOL-

Press to decrease the speaker volume. While in the menu, press to choose the option on the left.

RIGHT ▶ / VOL+

Press to increase the speaker volume. While in a menu, press to choose the option on the right side.

**9. OK button OK**

While in a menu, press to choose an item, or save a setting.

**10. TALK BACK 🔊**

Press and hold to talk back to the Baby Unit.

**11. Speaker**

**12. Power Socket**

**13. Stand**

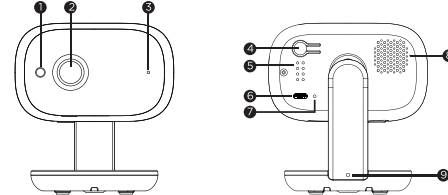
**14. Test Point**

**15. Reset**

### 2. Basic operation of the keys

| Parent Unit |                                                                                                                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | Signal Level (5 Levels).                                                                                                                                                                                                                             |
|             | Night Vision Mode (Video also changes to Black/White).                                                                                                                                                                                               |
|             | Talk Mode On.                                                                                                                                                                                                                                        |
|             | Volume Level Control (8 Levels).                                                                                                                                                                                                                     |
|             | No Baby Unit detected.                                                                                                                                                                                                                               |
|             | Battery Level Indication (4 Levels).                                                                                                                                                                                                                 |
|             | Lullaby Control (10 Songs Selection) and Volume Control.                                                                                                                                                                                             |
|             | LCD Brightness Level Control (8 Levels).                                                                                                                                                                                                             |
|             | Alarm Setting (Off x, 2h, 4h, 6h, )                                                                                                                                                                                                                  |
|             | On status bar, indicates alarm set, and when flashing, that alarm time has been reached or missed.                                                                                                                                                   |
|             | ECO activated, if the sound detected at the baby camera end is louder than the corresponding set level, the screen will automatically turn on. If the sound does not exceed the set value within 30 seconds, the screen will automatically turn off. |
|             | Camera Control [  (pager) / x (delete) / + (add) /  (view) /  (scan) ].                                                                                                                                                                              |
|             | After pairing the Pager accessory with the camera successfully, pressing the Pager on the Pager will send a call signal to the monitor. This enables instant visual monitoring and two-way intercom with the camera.                                 |
|             | Repeater Amplifier: enhance and extend signal transmission performance between cameras and monitors.                                                                                                                                                 |
|             | Set Screen Off Timer (Off x, 5 mins, 30 mins, 60 mins).                                                                                                                                                                                              |
|             | Temperature scale select (°C/°F)<br>Readings display in BLACK, but turn RED if > 29 °C / 84 °F or < 14 °C / 57 °F. Displays HH °C / °F if >36 °C / 97 °F. Displays LL °C / °F if < 1 °C / 34 °F.                                                     |
|             | Zoom Level Control (1x, 2x).                                                                                                                                                                                                                         |
|             | This section provides detailed device specifications and support resources, such as operational videos and the service team's WhatsApp contact.                                                                                                      |
|             | Pager incoming call volume and ringer setting.                                                                                                                                                                                                       |
|             | Pager incoming call volume setting, total 4 levels: OFF-LOW-MIDDLE-HI.                                                                                                                                                                               |
|             | Pager incoming call ringtone setting, total 3 choices.                                                                                                                                                                                               |
| Baby Unit   |                                                                                                                                                                                                                                                      |
|             | Press and hold to pair with the Parent Unit Setup.                                                                                                                                                                                                   |

### 3. Overview of Your Baby Unit



**1. Light Sensor**

**2. Camera Lens**

**3. High Sensitivity Microphone**

**4. PAIR button**

**5. Test Point**

**6. Power Socket**

**7. Power/link indicator**

**8. Speaker**

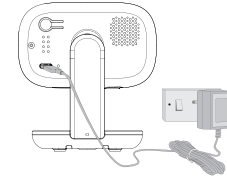
**9. Temperature Sensor**

#### Important guidelines for installing your Digital Video Baby Monitor

- To use your Baby Unit and Parent Unit together, you must be able to establish a radio link between them, and the range will be affected by environmental conditions.
- Any large metal object, like a refrigerator, a mirror, a filing cabinet, a metallic door or reinforced concrete, between the Baby Unit and Parent Unit may block the radio signal.
- The signal strength may also be reduced by other solid structures, like walls, or by radio or electrical equipment, such as TVs, computers, cordless or mobile phones, fluorescent lights or dimmer switches.
- If the signal is poor, try moving the Parent Unit and/or the Baby Unit to different positions in the rooms.

### 4. Getting Started

#### 4.1 Connecting the power supply for the Baby Unit

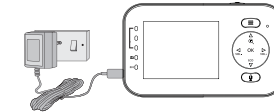


- Insert the Type-c plug of the power adaptor into the Type-c socket on the back of the Baby Unit.
- Connect the other end of the power adaptor to mains power.
- The Blue power indicator lights when the baby unit is on.

**Note:**

Only use the power adaptor (5VDC, 1000mA) provided.

#### 4.2 Connecting the Power Supply for the Parent Unit



**Note:**

Only use the power adaptor (5VDC, 1000mA). When the Baby Unit and Parent Unit are both turned on, the Parent Unit should show the colour image from the Baby Unit camera, but if the room is dark the image will be in black and white and with a icon showing, due to the infra-red illumination by the Baby Unit.

#### 4.3 Desktop Stand of the Parent Unit

- The parent unit comes with a desktop stand attached to the back of the parent unit.
- To place the parent unit on a desk, as shown.



**Note:**

Place the parent unit on a flat, even surface.

### 5. Safety Instructions

#### ⚠ WARNING:

**Strangulation Hazard: Children have STRANGLED on cords. Keep this cord out of the reach of children (more than 3ft (1m) away). Never use extension cords with AC Adaptors. Only use the AC Adaptors provided.**

## 6. Parent Unit Menu Options

### 6.1 Volume

Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button to adjust the volume level.  
The 🗣️ icon will pop up and you can select the desired volume from level 0~8. (The default volume level setting is level 4, and level 0 is OFF.)

### 6.2 Lullaby

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 🎵 is highlighted.
- Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to view the desired Lullaby.
- Press **OK** to select the desired lullaby, then press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to adjust the desired volume from level 1-4.

### 6.3 Brightness

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 🌞 is highlighted.
- Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select the desired brightness from level 1 ~ 8. (The default brightness is level 4.)

### 6.4 Alarm

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 🚨 is highlighted.
- Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select alarm off after 2 hours, 4 hours or 6 hours, then press the **OK** button to confirm.

### 6.5 ECO Voice activation

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 🗣️ is highlighted.
- Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select the desired VOX level on OFF/LO/MID/HI.

### 6.6 Camera Control

#### 6.6.1 Pager Pairing Process [Optional accessories (sold separately)]

- Ensure both the Pager and the camera are powered on and within effective communication range (≤3 meters in open areas).

- Enter the camera's settings menu 📱, select "Pager Pairing 🗣️" and press the **OK** button to select the camera to be paired, press the **OK** button to enter Pairing mode [Only cameras marked with an asterisk (\*) can be paired], then press the **OK** button to confirm.
- Press and hold the Pager button on the Pager for 5 seconds, then the indicator light will start flashing slowly in red, at this point, quickly press the call key twice in succession, and the indicator light will switch to flashing rapidly in red indicating that the Pager has entered pairing mode. Once the PU displays a "Pairing Successful", the pairing process for the Pager is complete.
- The parent unit will show "Pairing Successful" once the connection is established (indicator light on the Pager turns solid green).

#### 6.6.2 Add (pair) a camera or a repeater amplifier

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 📱 is highlighted, and the 🗣️ (pager) / x (delete) / + (add) / 🔍 (view) / 🔄 (scan) menu will pop up.
- Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select + (add), and press the **OK** button to confirm.
- Camera 1 / 2 / 3 / 4 / 📶 will pop up. Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select the desired Camera, and press the **OK** button to start searching for a camera unit.  
**Note:** If a camera is currently paired with the Parent Unit, its camera location (with a \* beside it) cannot be selected for a new registration.
- Press and hold the **PAIR** button on the back of the Baby Unit until the Parent Unit finds the camera, beeps and **PAIR OK** appears on the screen. The video from the camera will then appear.

#### Repeater Amplifier [Optional accessories (sold separately)] :

The repeater amplifier is designed to enhance and extend signal transmission performance. It effectively addresses issues such as weak signals, signal attenuation, and limited transmission distance between cameras and monitor.

**Note:** A camera can only be registered to one Parent Unit at any one time.

#### 6.6.3 View a camera

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 📱 is highlighted, and the 🗣️ (pager) / x (delete) / + (add) / 🔍 (view) / 🔄 (scan) menu will pop up.

- Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select 🔍 (view), and press the **OK** button to confirm.
- Camera 1 / 2 / 3 / 4 will pop up, press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select the desired Camera, and press the **OK** button to view the picture from that camera.

#### Note:

Only camera locations with a \* can be selected.

#### TIP

You can also press the **OK** button repeatedly to select the available camera options from 1 / 2 / 3 / 4.

#### 6.6.4 Delete a camera

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 📱 is highlighted, and the 🗣️ (pager) / x (delete) / + (add) / 🔍 (view) / 🔄 (scan) menu will pop up.
- Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select x (delete), and press the **OK** button to confirm.
- Camera 1 / 2 / 3 / 4 will pop up, press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select the desired Camera, and press the **OK** button.
- Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select ✓, then press the **OK** button to delete that camera.

#### Note:

You are not allowed to delete the camera if there is only one registered camera in the system.

#### 6.6.5 Scan camera

This function is only available when you have more than 1 Baby Unit (Camera).

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 📱 is highlighted, and the 🗣️ (pager) / x (delete) / + (add) / 🔍 (view) / 🔄 (scan) menu will pop up.
- Press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select 🔄 (scan), and press the **OK** button to confirm.
- The screen will then display images from different registered cameras in a loop of Camera 1 / 2 / 3 / 4, changing about every 12 seconds.

#### TIP

You can also press the **OK** button repeatedly to select the available camera options from 1 / 2 / 3 / 4.

### 6.7 Power Saving mode

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ LEFT button or ▶ RIGHT button until 🔄 is highlighted.
- Press the ▲ UP button or ▼ DOWN button to select auto video off after 5 mins, 30 mins or 60 mins.

#### Note:

The audio will remain and you can press the power key to switch the video back on.

### 6.8 Temperature

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 🌡️ is highlighted.
- Press ▲ UP / ▼ DOWN to select °C or °F.

### 6.9 How to set Pager incoming ringer volume

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 📞 is highlighted.
- Press **OK** to select 📞 Pager incoming call volume, press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select the desired volume from level OFF-LO-MID-HI.

### 6.10 How to select Pager incoming call ringtone

- Press the ≡ button and the menu bar will pop up.
- Press the ◀ / **VOL-** LEFT button or ▶ / **VOL+** RIGHT button until 🎵 is highlighted.
- Press **OK** to select 🎵 Pager incoming call ringtone, press the ▲ / 🔍 UP button or ▼ / **ECO** DOWN button to select the desired ringtone, total 3 options.

### 6.11 How to Access the INFO Function

- On the product's main interface, locate and tap the ⓘ icon.
- Use the navigation buttons to select the desired sub-function (e.g., "Product Info," "Instructional Videos" "After-sale Support").
- Follow the on-screen prompts to view details, scan videos link, or contact support.

Download User Guide from website: [www.walolwa.com](http://www.walolwa.com)



## 7. Technical Specifications

### Baby Unit

|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Frequency             | 2400 MHz to 2483.5 MHz                                                                                            |
| Operating temperature | 5°C - 40°C                                                                                                        |
| Image sensor          | Colour CMOS 1M Pixels                                                                                             |
| Power Adapter         | Input 100-240VAC, 50/60Hz, 300mA<br>Output DC5V, 1000mA<br><b>WARNING</b><br>Use only with supplied power supply. |

### Parent Unit

|                       |                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------|
| Frequency             | 2400 MHz to 2483.5 MHz                                                                                             |
| Operating temperature | 5°C - 40°C                                                                                                         |
| Display               | 2.8" diagonal TFT LCD                                                                                              |
| Brightness control    | 8 steps                                                                                                            |
| Power Adaptor         | Input 100-240VAC, 50/60Hz, 300mA<br>Output DC5V, 1000mAh<br><b>WARNING</b><br>Use only with provided power supply. |

Specifications are subject to change without prior notice.

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EN Version 1.0  
Printed in China



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Any 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.

For BU

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.

For PU

The device has been tested and comply with FCC SAR limits.

Model: ZVM320