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› ACEBELL 2K Smart WiFi Baby Monitor User Manual

ACEBELL smart baby monitor

ACEBELL 2K Smart WiFi Baby Monitor User Manual

Model: smart baby monitor | Brand: ACEBELL

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ACEBELL 2K Smart WiFi Baby Monitor. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

WHAT'S IN THE BOX

Verify that all components are present in the package:

- 1 x 5-inch Display Unit (Parent Unit)
- 1 x Camera Unit (Baby Unit)
- 2 x Type-C Charging Cables
- 2 x Power Adapters
- 2 x Camera Covers (Silicone, one yellow, one blue)
- 1 x Memory Card (installed in camera)
- 1 x Camera Mount (flexible bracket)
- 1 x User Manual (this document)
- Screws for mounting

What's in the Box

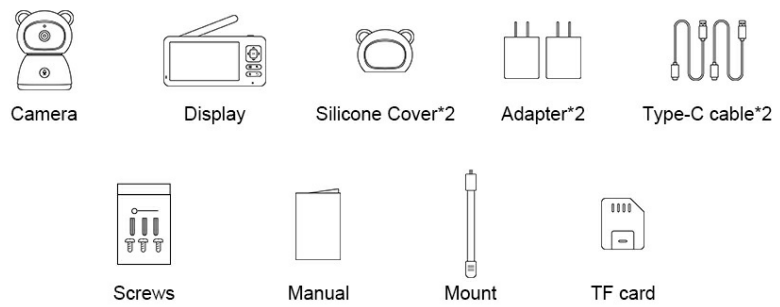


Image: Contents of the ACEBELL 2K Smart WiFi Baby Monitor package. This includes the camera, display unit, two charging cables, two power adapters, two silicone camera covers, a pre-installed memory card, a camera mount, and the user manual.

PRODUCT OVERVIEW AND FEATURES

The ACEBELL 2K Smart WiFi Baby Monitor offers advanced features for comprehensive baby monitoring.

Dual Monitoring Capability

Monitor your baby using the dedicated 5-inch display unit or through the smartphone application. This dual control allows for flexible monitoring whether you are at home or away.

Monitor at Home, App on the Go

Home or away, stay connected with dual monitoring options. Ultimate convenience, always.



Image: Illustration of dual monitoring. One image shows a parent watching the baby on the 5-inch display unit at home. The other image shows a parent monitoring the baby via a smartphone app while away.

Camera Features

- **2K HD Resolution:** Provides clear and detailed video of your baby.
- **Pan & Tilt:** The camera offers 300° horizontal pan and 65° vertical tilt for full room coverage.
- **4X Zoom:** Digitally zoom in on your baby for closer viewing.
- **Auto Tracking:** The camera can automatically follow your baby's movements within its field of view.
- **HD Night Vision:** Automatically switches to night vision in low light conditions, providing clear images without

disturbing your baby.

See It All, Up Close

Enjoy 300° pan, 75° tilt, and 2x/4x zoom for full-room coverage and every detail at your fingertips.



2X ZOOM



4X ZOOM

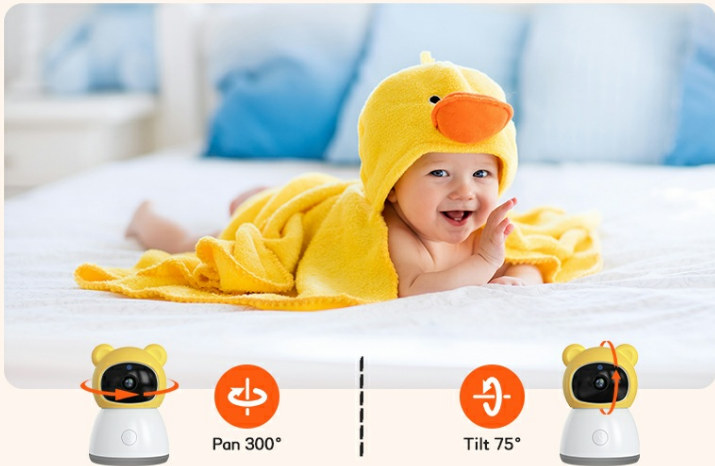


Image: A baby monitor camera with a yellow bear-shaped cover, illustrating its 300° pan and 75° tilt capabilities. A baby is visible in a crib in the background.

360° Smart Tracking

Auto-tracking ensures your baby is always in sight as they move

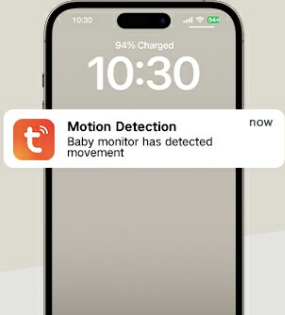






Image: A baby crawling on a rug, with a red box indicating the camera's 360° smart auto-tracking feature following its movement.

Crystal-Clear, Even in the Dark

2K Ultra HD with auto night vision shows every detail—daylight or moonlight.

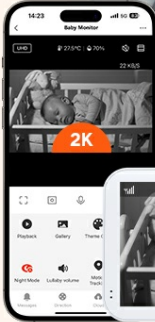




Image: A baby sleeping in a crib, with the view displayed on both a smartphone app (2K UHD) and the 5-inch monitor (1080P), highlighting

the clear night vision capability.

Alerts and Sensors

- **Motion Detection:** Receive instant notifications on your monitor or app when movement is detected.
- **Cry & Noise Detection:** Alerts you to your baby's cries or other significant sounds.
- **Temperature & Humidity Sensor:** Monitors the nursery environment and sends alerts if conditions are outside preset ranges.
- **No-Go Zones:** Customize specific areas to receive alerts if your baby enters them.
- **Feeding Reminders:** Set up to 4 customizable reminders to maintain your baby's feeding schedule.



Image: A smartphone displaying a motion detection alert, indicating movement detected by the baby monitor. A baby is shown sleeping in a crib with the camera positioned nearby.

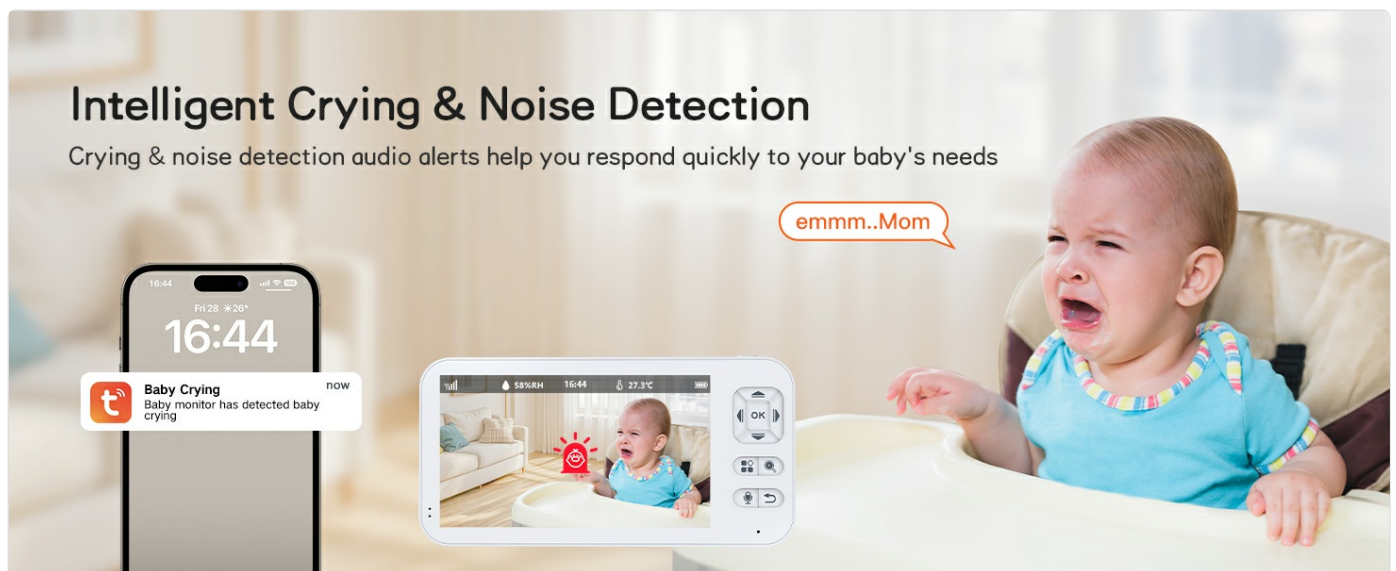


Image: A smartphone and the baby monitor display unit showing an alert for a crying baby. A baby is depicted crying in a high chair.

Temperature & Humidity Monitoring

Track temperature and humidity in real time, set alerts to prevent discomfort from overheating or dry air.



Image: A smartphone and the baby monitor display unit showing real-time temperature and humidity monitoring. A baby is playing in a crib in the background.

Set No-Go Zones Peace of mind with boundaries

Get alerts when your baby enters an area you don't want him/her to enter

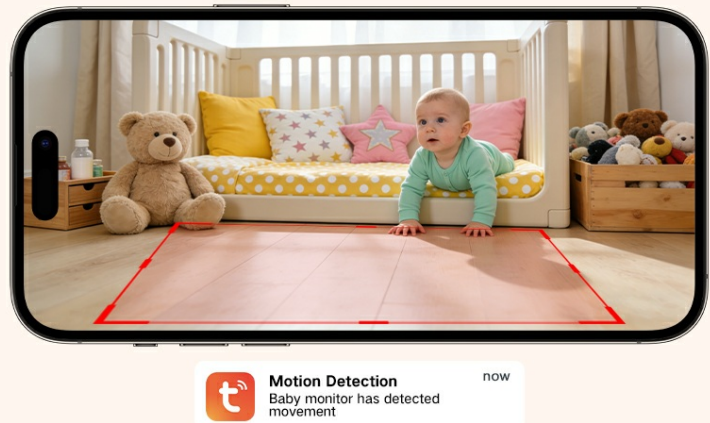


Image: A child looking out a window, with a red boundary box overlaid, illustrating the "No-Go Zones" feature. A smartphone displays a motion detection alert.

Stay on Schedule with Feeding Alarms

Set up to 4 customizable feeding reminders to keep your baby's routine regular.

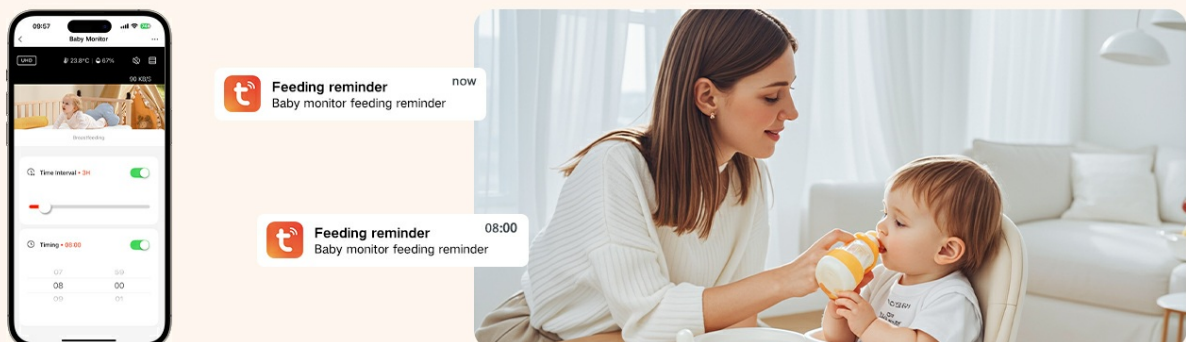


Image: A smartphone screen displaying settings for feeding reminders, showing customizable intervals and times. In the background, a mother is feeding her baby.

Audio and Comfort Features

- **Two-Way Audio:** Speak to your baby through the monitor or app.
- **Lullabies:** Built-in lullabies to help soothe your baby to sleep.

Talk Back with Love

Comfort your baby instantly with Two-WayTalk—via both the monitor and the app, whether you're nearby or far from home.



Image: A parent using a smartphone to speak, with the baby monitor camera and a baby in a crib visible, demonstrating the two-way audio feature.

Soothe the Night with Sound

Help your baby fall asleep peacefully with 5 gentle lullabies and adjustable volume levels—tailored to their comfort, night after night.



Image: A child sleeping peacefully in bed, with musical notes emanating from the baby monitor camera, illustrating the gentle lullabies feature.

Connectivity and Storage

- **WiFi Connectivity:** Connects to your home WiFi for smartphone app access.
- **SD Card Storage:** Supports up to 128GB SD card (included) for local video recording.
- **Cloud Storage:** Optional cloud storage available for recorded events.
- **Shared Access:** Share live access and event playback with up to 5 family members.

Connect with Love, Share the Care

Real-time live video accessible to up to 20 users—experience every moment with your family, together.



Tuya Smart



Image: A smartphone screen displaying icons for shared family access, indicating that multiple family members can view the baby monitor feed. A baby is playing in the background.

Power and Range

- **Rechargeable Battery:** Parent unit powered by a 3000mAh rechargeable battery.
- **Extended Battery Life:** Up to 7 days in sleep mode (VOX mode) on a full charge.
- **Long Range:** Up to 1279 feet (390 meters) for stable connection.

Stay Powered, Stay Connected

With a 3000mAh rechargeable battery and 1279ft coverage, enjoy up to 12 hours of video streaming and 20 hours in VOX mode.

1279 ft **20Hours**
Control Range In VOX Mode



Image: The parent unit display showing a baby playing, with key specifications highlighted: 3000mAh rechargeable battery, 1279 ft control range, and 20 hours of battery life in VOX mode. A house is visible in the background, illustrating the range.

Security

- **Wi-Fi OFF Mode:** Optional mode for enhanced privacy.
- **256-bit AES Encryption:** Secure data transmission.
- **Exclusive User Pairing:** Ensures secure access to your monitor.
- **OTA Updates:** Supports over-the-air updates for new features and security enhancements.

SETUP

1. Powering On the Camera and Monitor

1. Connect the camera unit to a power outlet using one of the provided Type-C cables and power adapters.
2. Connect the display unit to a power outlet using the other Type-C cable and power adapter, or ensure it is sufficiently charged.
3. Press and hold the power button on both units until they turn on. The camera and monitor should automatically pair.

2. Camera Installation

The camera can be placed on a flat surface or mounted using the included flexible bracket.

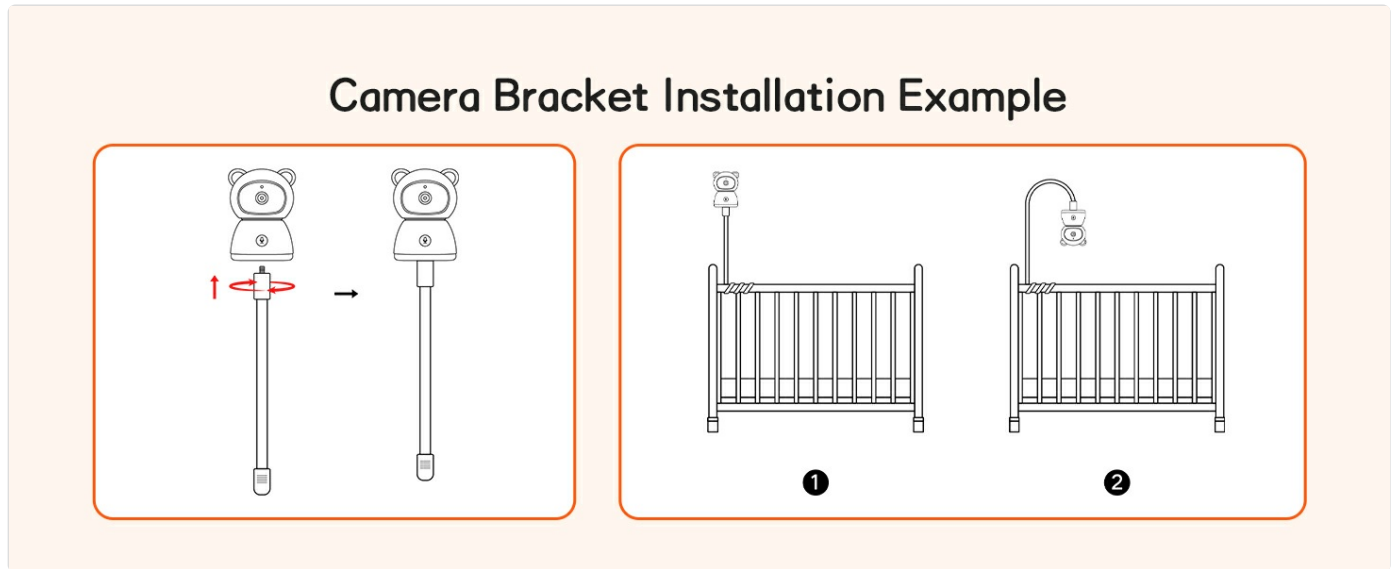


Image: Diagram illustrating camera bracket installation examples. One shows the camera mounted directly to a crib rail, and the other shows it mounted on a wall above a crib.

- **Tabletop Placement:** Place the camera on a stable, flat surface at a safe distance from the crib, ensuring a clear view of your baby.
- **Crib Mounting:** Attach the flexible camera mount to the crib rail. Secure the camera unit to the mount.
- **Wall Mounting:** Use the provided screws to secure the camera mount to a wall, ensuring it has a clear line of sight to the crib. Position the camera at least 3 feet (1 meter) away from your baby to avoid potential hazards.

3. Smartphone App Setup

1. Download the "Tuya Smart" app from the App Store (iOS) or Google Play Store (Android).
2. Register for an account or log in if you already have one.
3. Follow the in-app instructions to add your ACEBELL baby monitor. This typically involves selecting "Add Device," choosing the camera category, and following prompts to connect to your home WiFi network.



Image: The Tuya Smart app logo and download options for iOS and Android, indicating how to get the companion app for the baby monitor.

OPERATING INSTRUCTIONS

Using the Display Unit (Parent Unit)

- **Power Button:** Press and hold to turn on/off. Short press to activate/deactivate screen.
- **Navigation Buttons (Up/Down/Left/Right):** Used to navigate menus and control camera pan/tilt.
- **OK Button:** Confirms selections in menus.
- **Menu Button:** Accesses settings and features.
- **Zoom Button:** Activates digital zoom (2X/4X).
- **Two-Way Talk Button:** Press and hold to speak to your baby.
- **Lullaby Button:** Plays built-in lullabies.
- **VOX Mode:** Activates voice-activated mode, where the screen turns on when sound is detected.

Using the Smartphone App

The Tuya Smart app provides remote access and additional features:

- **Live View:** Access real-time video feed from anywhere with an internet connection.
- **Pan/Tilt/Zoom:** Control camera movement remotely.
- **Two-Way Audio:** Speak to your baby through your phone.
- **Alerts:** Receive push notifications for motion, cry, temperature, and humidity changes.
- **Recording & Playback:** View recorded footage from the SD card or cloud storage.
- **Settings:** Adjust camera and alert settings, set feeding reminders, and define No-Go Zones.

Video: ACEBELL WiFi Baby Camera Monitor Overview

Your browser does not support the video tag.

Video: An overview of the ACEBELL WiFi Baby Camera Monitor, demonstrating features such as dual monitoring, pan/tilt, auto-tracking, movement detection, and sound detection. This video is provided by the seller, ACEBELL.

Recording and Storage

The monitor supports local storage via the included 128GB SD card. Ensure the SD card is properly inserted into the

camera unit. You can also opt for cloud storage services through the Tuya Smart app for additional backup and accessibility.

Shared Family Access

To share access with family members, use the sharing function within the Tuya Smart app. Up to 5 family members can be granted access to view live video and event playback.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and display screen. Do not use liquid cleaners or aerosols.
- **Battery Care:** For optimal battery life of the parent unit, avoid extreme temperatures and fully discharge and recharge the battery periodically.
- **Software Updates:** Regularly check for and install OTA (Over-The-Air) software updates through the app to ensure optimal performance and security.

TROUBLESHOOTING

Problem	Solution
No image on display unit.	Ensure both camera and display units are powered on and charged. Check if they are within range. Re-pair the units if necessary (refer to app instructions for pairing).
App cannot connect to the camera.	Verify your home WiFi network is active and the camera is connected. Ensure the app is updated to the latest version. Restart the camera, display unit, and your smartphone.
Poor video quality.	Check your internet connection speed if using the app. Ensure the camera lens is clean. Adjust camera position for optimal lighting.
No sound or two-way audio issues.	Check volume settings on both the display unit and your smartphone. Ensure there are no obstructions blocking the microphone or speaker on either unit.
Alerts are not received.	Verify alert settings in the app and on the display unit. Ensure app notifications are enabled on your smartphone. Check sensitivity settings for motion and cry detection.
Short battery life on parent unit.	Ensure the unit is fully charged. Reduce screen brightness. Use VOX mode to conserve battery.

SPECIFICATIONS

Feature	Detail
Brand	ACEBELL
Model Name	smart baby monitor
Camera Resolution	2K (App), 1080P (Display)
Display Size	5 inches
Pan Angle	300°

Feature	Detail
Tilt Angle	65°
Zoom	4X Digital Zoom
Connectivity	WiFi, Direct Monitor Connection
Parent Unit Battery	3000mAh Rechargeable
Control Range	Up to 1279 feet (390 meters)
Storage Options	Up to 128GB SD card (included), Optional Cloud Storage
Material	Plastic

WARRANTY AND SUPPORT

Your ACEBELL 2K Smart WiFi Baby Monitor comes with a 2-year quality warranty. For any questions, technical assistance, or warranty claims, please contact ACEBELL customer support. 24/7 customer support is available to assist you.

Refer to the contact information provided in your product packaging or on the official ACEBELL website for support details.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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