

## TUGARD ZASD-C23

# TUGARD ZASD-C23 2MP Indoor Security Camera User Manual

Model: ZASD-C23

## 1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your TUGARD ZASD-C23 2MP Indoor Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

## 2. WHAT'S IN THE BOX

Verify that all components are present:

- Security Camera x1
- Charge USB Cable x1
- Charge Adaptor x1
- Screw x2
- Product Manual x1

# What's in the box?



Image: The contents of the product box, including the camera, USB cable, power adapter, screws, and product manual.

## 3. PRODUCT OVERVIEW AND FEATURES

The TUGARD ZASD-C23 is a 2MP indoor security camera designed for monitoring pets, babies, or general home security. It offers a range of features for enhanced surveillance and user interaction.

- **2MP Resolution (1080p):** Provides clear video capture.
- **355° Pan & 90° Tilt:** Wide coverage with remote control.
- **Motion Tracking:** Automatically follows detected movement.
- **2-Way Audio:** Communicate with individuals near the camera.
- **IR Night Vision:** Clear monitoring in low-light conditions up to 9 meters.
- **Smart AI Detection:** Detects human, motion, or abnormal sound with instant alerts.
- **Flexible Storage:** Supports Cloud Storage and local TF card (up to 128GB, not included).
- **Smart Integration:** Compatible with Alexa, Google Assistant, and IFTTT.
- **Privacy Mode:** Allows temporary disabling of monitoring for privacy.

# Peace of Mind Through Advanced Safety Features



Image: A visual representation of the camera highlighting its main features such as TF Card Storage, Motion Detection, Remote Monitor, Infrared Night Vision, Wireless Wifi, Two-way Audio, Android/iOS support, Video Cloud Storage, and Audible Alarm.

## 4. SETUP GUIDE

### 4.1 App Installation

The TUGARD ZASD-C23 camera operates with the Smart Life or Tuya App. Download the app from your device's app store (Android/iOS supported).

- Search for "Smart Life" or "Tuya" in the App Store (iOS) or Google Play Store (Android).
- Download and install the application.

### 4.2 Account Registration and Login

1. **Register:** If you do not have an account, click "Create New Account". Agree to the Privacy Policy and enter your mobile number or email address to register.
2. **Log In:** If you already have an account, click "Log in with existing account". Select your Country/Region, enter your registered mobile number or email, and password. You can also log in using social media accounts like WeChat or QQ if installed on your phone.

### 4.3 Device Pairing (2.4GHz Wi-Fi ONLY)

Ensure your mobile phone and the camera are connected to a 2.4GHz Wi-Fi network. The camera does not support 5GHz Wi-Fi.

1. Power on the camera.
2. Open the Smart Life/Tuya App and click the "+" icon to add a new device.
3. Follow the on-screen instructions to select your device type (e.g., Security Camera).
4. Enter your 2.4GHz Wi-Fi network password.
5. The app will generate a QR code. Present this QR code to the camera lens at a distance of approximately 10-20 cm (4-8 inches) until you hear a confirmation sound.
6. Once connected, the camera will appear in your device list.



Image: The TUGARD ZASD-C23 camera positioned next to a smartphone showing the live view and control options within the Smart Life application.

### 4.4 Mounting Options

The camera can be placed on a flat surface (tabletop) or mounted on a wall or ceiling using the included screws.

- **Tabletop:** Simply place the camera on a stable, flat surface.

- **Wall/Ceiling Mount:** Use the provided mounting bracket and screws to secure the camera in your desired location. Ensure the camera is positioned to capture the desired area.

## 5. OPERATING INSTRUCTIONS

### 5.1 Live View and Pan/Tilt Control

From the app's home screen, select your camera to access the live view. You can control the camera's movement:

- **Pan (Horizontal):** Rotate the camera 355° horizontally.
- **Tilt (Vertical):** Adjust the camera 90° vertically.

Use the directional controls within the app to adjust the viewing angle.



Image: The TUGARD ZASD-C23 camera illustrating its 355-degree pan and 90-degree tilt capabilities, with an overlay showing motion tracking of a child.

### 5.2 Two-Way Audio

The camera features two-way audio, allowing you to listen and speak through the camera. Tap the microphone icon in the app to activate this function.

# Smooth Two-way Audio and Protect Family Together with Device Sharing

Hear and talk with person, who is in surveillance area.

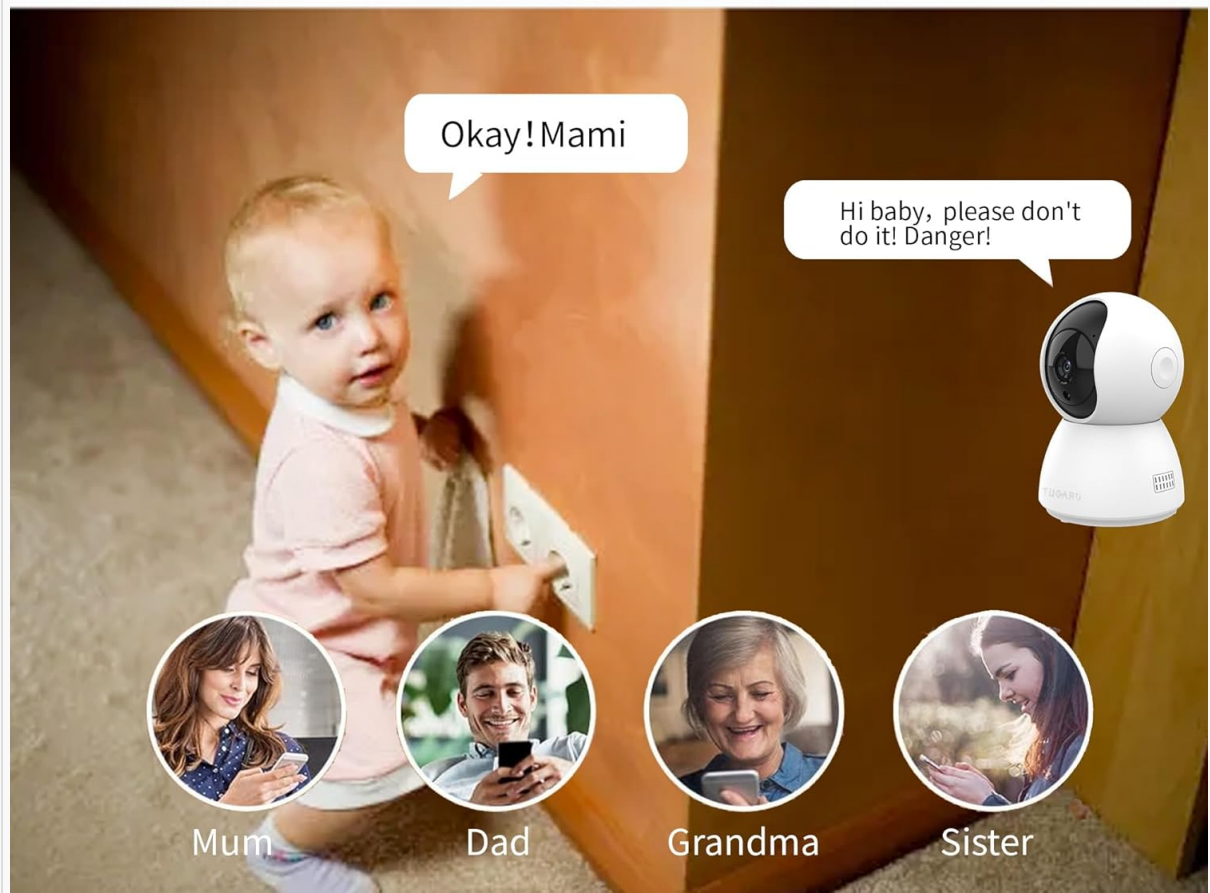


Image: A depiction of a family using the two-way audio feature of the TUGARD ZASD-C23 camera to communicate with a child in the surveillance area.

## 5.3 Motion Detection and Alerts

The camera can detect motion, human presence, and abnormal sounds, sending instant alerts to your phone.

- **Motion Tracking:** The camera automatically tracks movement within its field of view.
- **Customized Activity Zones:** Define specific areas within the camera's view to monitor for activity, reducing false alarms.
- **Sensitivity Level:** Adjust the detection sensitivity (Low, Normal, High) in the app settings.
- **Instant Alerts:** Receive notifications on your phone when an event is detected. A 10-15 second alert video is automatically recorded to the cloud and saved for 24 hours (no subscription required for this feature).

# Customized Activity Zones

Save time to focus on the areas you want and avoid false alarms

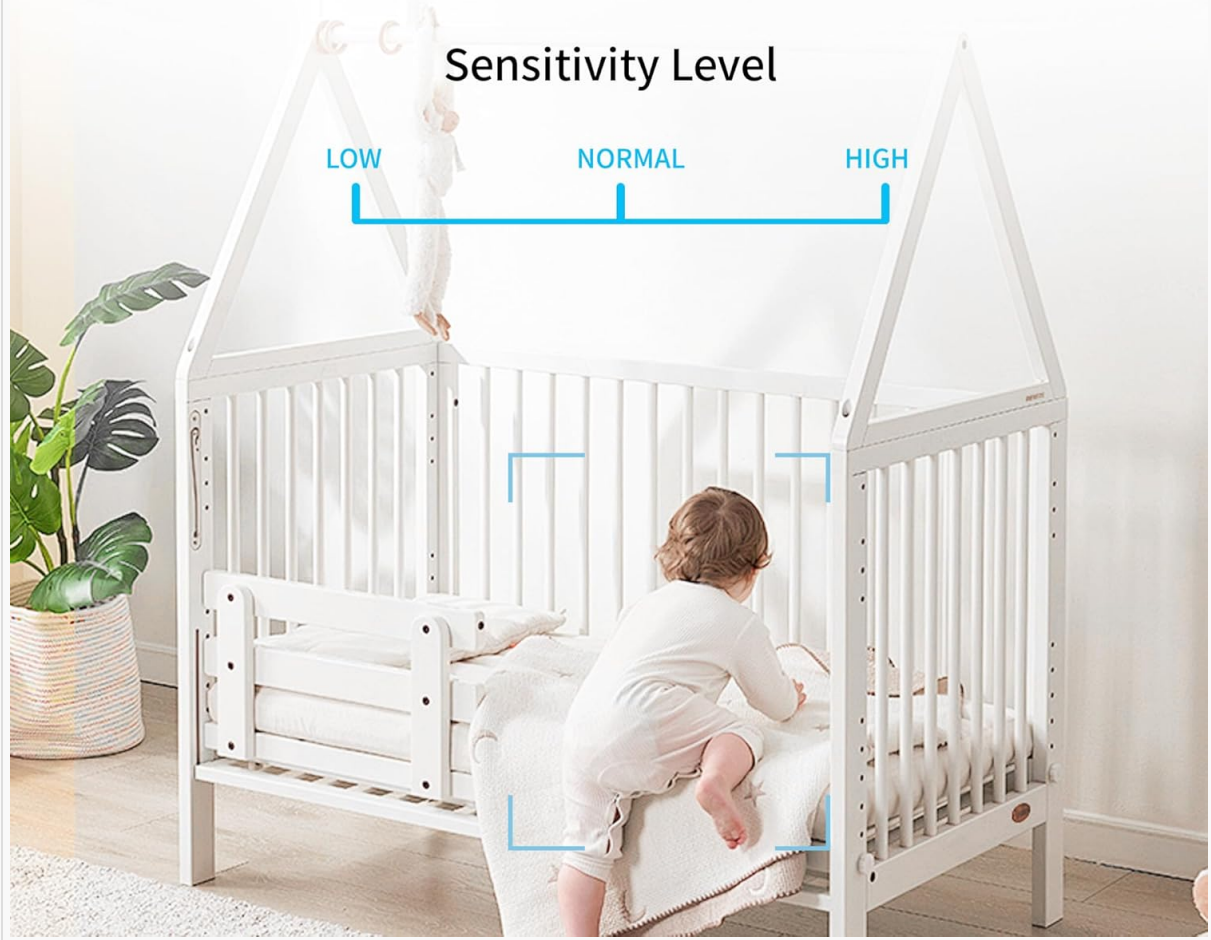


Image: A child in a crib, illustrating how customized activity zones and sensitivity levels can be set within the camera's monitoring area to focus on specific regions and reduce false alarms.

## 5.4 Night Vision

The camera features IR-CUT functionality for clear video and photos from day to night. It includes 6 infrared LEDs for night vision up to 9 meters.

# 2MP Starlight Color Night Vision

Ultra clear color night vision to let you see your baby's sleeping status more clearly



Image: A side-by-side comparison demonstrating the clarity of 2MP Starlight Color Night Vision compared to other QHD cameras, showing a baby sleeping more clearly.

## 5.5 Storage Options

Your recordings can be stored in two ways:

- **Cloud Storage:** Optional 24/7 Continuous Video Recording (CVR) service available for purchase. This encrypts and uploads video data to a server, allowing access anytime via the app.
- **Local Storage:** Supports up to a 128GB TF (Micro SD) card (sold separately). Insert the TF card into the camera's slot.

# Keep Your Recording Safe with Flexible Storage

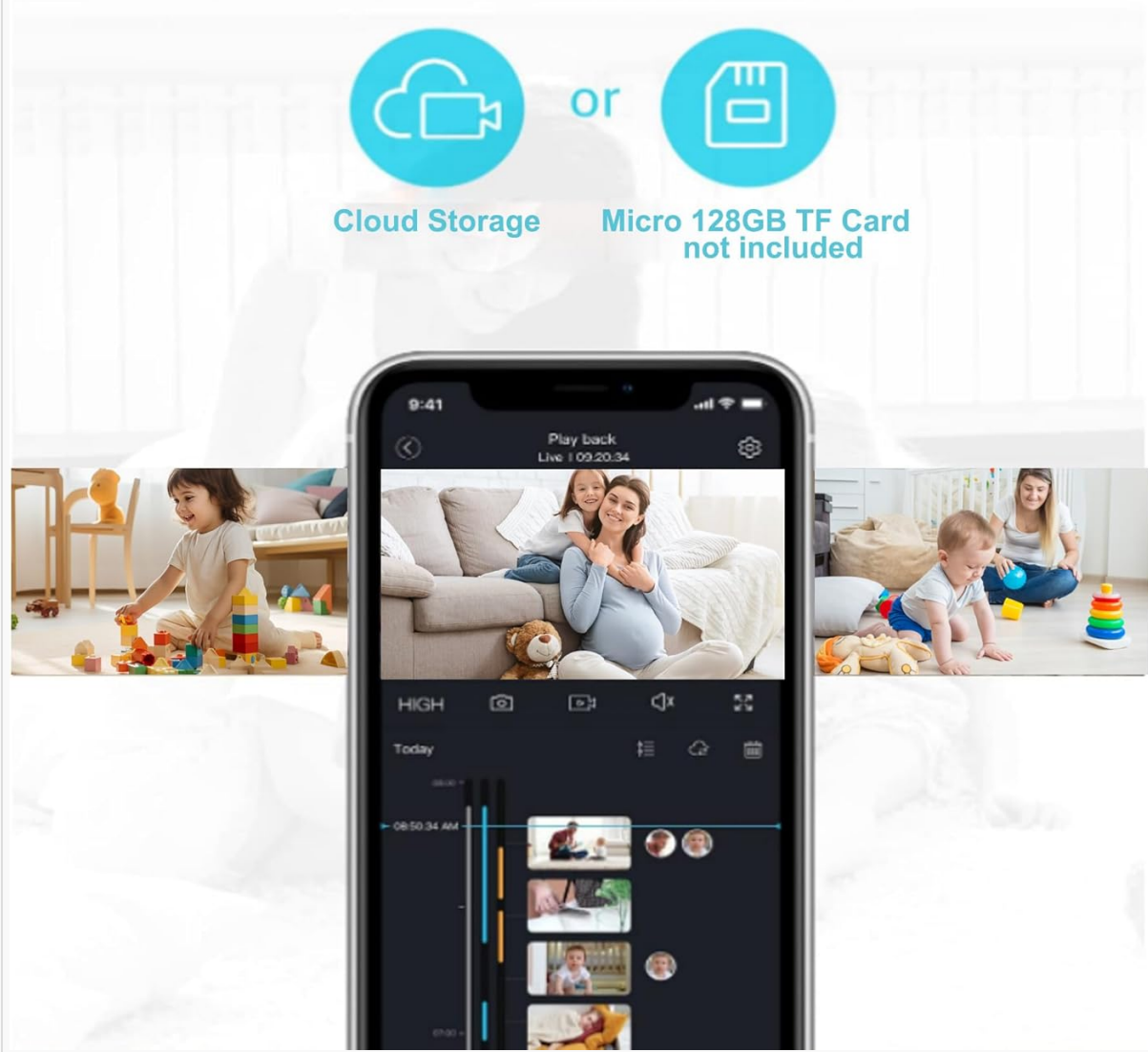


Image: A visual representation of the flexible storage options for the TUGARD ZASD-C23 camera, including cloud storage and local micro 128GB TF card storage, with a smartphone displaying recorded video playback.

## 5.6 Device Sharing

You can share access to your camera with family members or friends. In the app, click "Me" on the home page, then navigate to "Share Device". Enter the mobile phone number of the person you wish to share with (they must have a registered Tuya App account).

## 5.7 Smart Integration

The TUGARD ZASD-C23 camera is compatible with popular smart home platforms:

- **Amazon Alexa:** Use voice commands to view the camera's live stream on Alexa-enabled devices with a screen.
- **Google Assistant:** Similar to Alexa, use Google Assistant devices with a screen to view the live stream.
- **IFTTT:** Link the camera with other smart devices to create automated routines.

## 5.8 Privacy Mode

To protect your privacy, you can activate Privacy Mode through the app. This temporarily disables monitoring.

## 6. MAINTENANCE

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- **SD Card Handling:** It is recommended to insert and remove the SD card only after powering off the device to prevent data corruption.
- **Firmware Updates:** The camera supports OTA (Over-The-Air) remote upgrades. Do not disconnect power during a firmware update to avoid damaging the device. Check for firmware updates in the app's device settings under "Firmware Information".
- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.

## 7. TROUBLESHOOTING

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### Common Issues and Solutions:

**Q: The device is online and has an alarm event, but the mobile phone cannot receive the information?**

A: First, confirm that the app allows notifications in your mobile phone's settings. Under normal circumstances, a message will appear in the notification bar. Ensure you have a notification sound or vibration set. Additionally, when viewing real-time video in the app, you will not receive alarms from the camera being viewed, as the device assumes you are actively monitoring.

**Q: Failed to add device during network pairing?**

A: Please ensure your mobile phone and device are connected to a 2.4GHz router. Verify that the correct Wi-Fi password is entered. The camera does not support 5GHz Wi-Fi networks.

**Q: Still failed to add device after re-scanning?**

A: If adding the device fails, it is recommended to restart the device or power cycle it, then try the pairing process again.

**Q: The device cannot preview?**

A: Check for a weak Wi-Fi signal. Try placing the camera closer to your router. If the issue persists, reset the device and add it again through the app.

**Q: Why is the device still on the list after resetting the device?**

A: Resetting the device only resets the camera's network configuration. It does not change the configuration within the app. You must log into the app and manually delete the camera from your device list.

**Q: How to connect the camera to another router?**

A: First, log into the app to delete the device. Then, reset the camera and configure it again through the app, connecting it to the new router's 2.4GHz Wi-Fi network.

**Q: Why can't the device identify the SD card?**

A: It is recommended to insert and remove the SD card only after powering off the device. Check if the SD card is in normal working condition and formatted to FAT32. An unstable network connection on your mobile phone or the device can also sometimes cause this message.

## 8. SPECIFICATIONS

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Feature	Detail
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Model Number	ZASD-C23
Brand	TUGARD
Effective Still Resolution	2 MP
Video Capture Resolution	1080p (1920x1080)
Viewing Angle	355 Degrees (Pan), 90 Degrees (Tilt)
Night Vision Range	9 Meters
Connectivity Technology	Wireless (Wi-Fi 2.4GHz ONLY)
Compatible Devices	Android/iOS Supported
Controller Type	Amazon Alexa, Google Assistant
Storage	Cloud Storage, TF Card (up to 128GB)
Power Source	Corded Electric (110 Volts, 5 Watts)
Dimensions (L x W x H)	4.65 x 3.3 x 3.3 inches
Item Weight	6.4 ounces
Material	Acrylonitrile Butadiene Styrene (ABS)
Indoor/Outdoor Usage	Indoor
Alert Type	Audio and Motion
Frame Rate	15 frames per second

## 9. WARRANTY AND SUPPORT

For product support, please refer to the "Me" section within the Smart Life/Tuya App for additional services and frequently asked questions. For specific warranty information, please consult your retailer or the TUGARD official website.

**Manufacturer:** Shenzhen Smartrol Technology Limited