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Xiaomi MJSXJ21CM

Xiaomi Smart Camera C700 User Manual

Model: MJSXJ21CM

Product Overview

The Xiaomi Smart Camera C700 is an advanced indoor security camera designed to provide comprehensive monitoring with high-resolution imaging and intelligent features. It offers 4K ultra-clear image quality, enhanced night vision, and various AI-powered detection capabilities for a secure environment.





Figure 1: Front view of the Xiaomi Smart Camera C700, showcasing its sleek design and camera lens.

Package Contents

Please verify that all items are present in the package:

- Xiaomi Smart Camera C700
- Power Adapter
- USB Cable
- Mounting Accessories (if applicable)
- User Manual (this document)

Setup Guide

1. Powering On the Camera

1. Connect the provided USB cable to the camera's power port.
2. Plug the other end of the USB cable into the power adapter.
3. Insert the power adapter into a standard electrical outlet.
4. The camera will power on automatically, indicated by a status light.

2. Installing the Xiaomi Home App

To fully utilize the camera's features, download and install the Xiaomi Home app on your smartphone or tablet.

- Scan the QR code on the camera packaging or in the quick start guide.
- Alternatively, search for "Xiaomi Home" in your device's app store (Google Play Store for Android, Apple App Store for iOS).
- Install the app and create a Xiaomi account or log in if you already have one.

3. Connecting the Camera to Wi-Fi

1. Open the Xiaomi Home app and tap the "+" icon to add a new device.
2. Select the Xiaomi Smart Camera C700 from the list of available devices.
3. Follow the on-screen instructions to connect the camera to your Wi-Fi network. The camera supports both 2.4GHz and 5GHz Wi-Fi 6 for stable connectivity.
4. Ensure your smartphone is connected to the same Wi-Fi network during the setup process.

4. Inserting a MicroSD Card (Optional)

For local video storage, you can insert a MicroSD card (not included) into the camera's slot.



Figure 2: Rear view of the camera, highlighting the MicroSD card slot and USB power input.

1. Locate the MicroSD card slot on the camera (typically at the back or base).
2. Gently insert the MicroSD card with the gold contacts facing down until it clicks into place.
3. The camera supports up to 256MB memory for efficient local AI care and accurate recognition.

Operating the Camera

Live View and Recording

Access the live video feed and control recording settings through the Xiaomi Home app.

- **4K Ultra-Clear Image Quality:** The camera provides a resolution of 3840x2160 pixels with 8 million pixels, 5 optical lenses, and a large aperture lens for detailed 4K images.
- **Enhanced Night Vision:** Equipped with 10 built-in 940nm infrared fill lights, the camera offers clear infrared night vision up to 10 meters in low-light or no-light environments.
- **HDR Technology:** HDR frame-by-frame adjustment ensures clear picture details even in strong light and backlight conditions.
- **Low Light Full Color:** A high-sensitivity image sensor and performance image algorithm enable the display of full-color images even in low-light conditions.

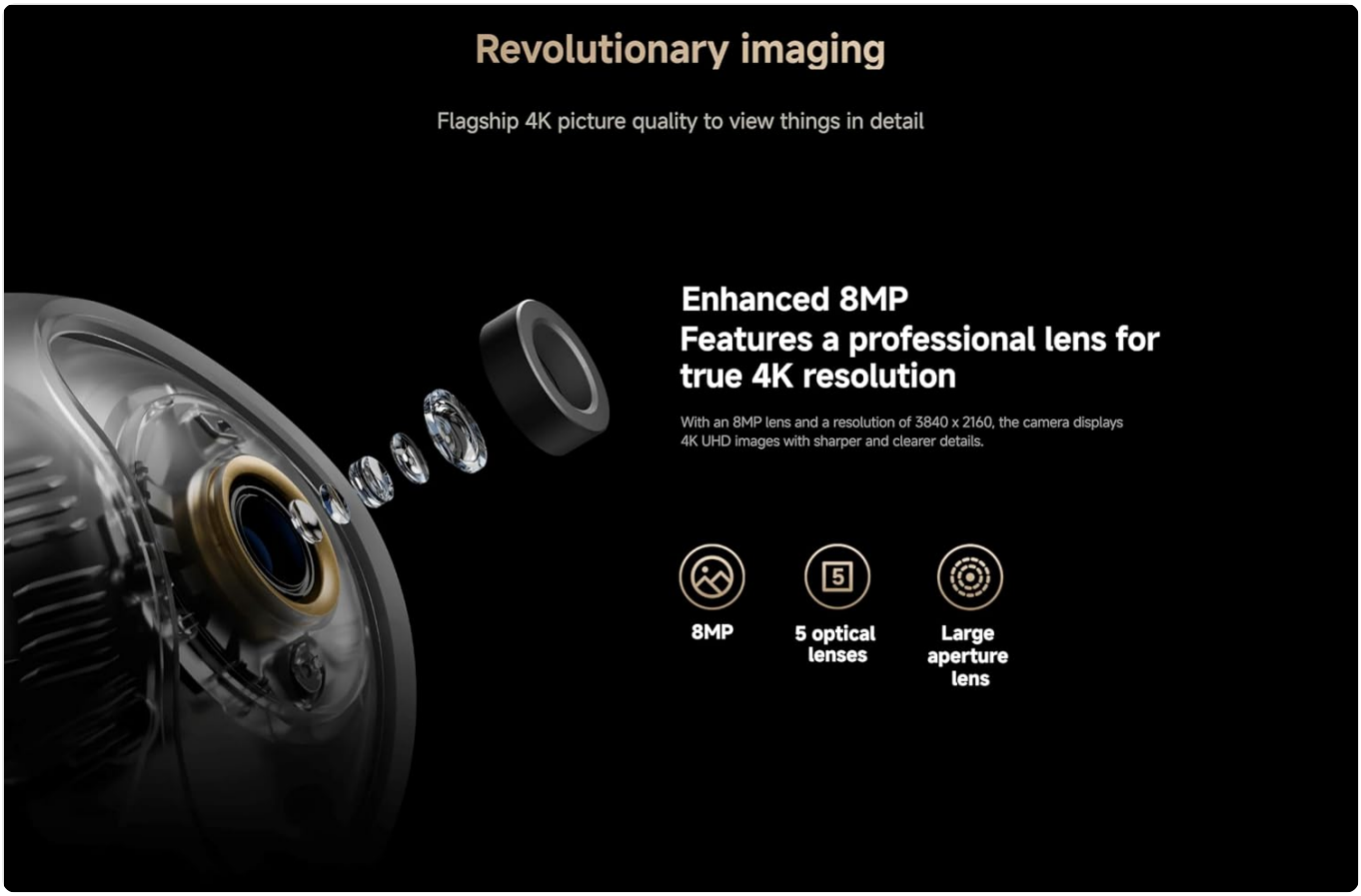

Figure 3: Visual representation of the camera's 4K imaging capabilities, including 8MP sensor, 5 optical lenses, and large aperture.

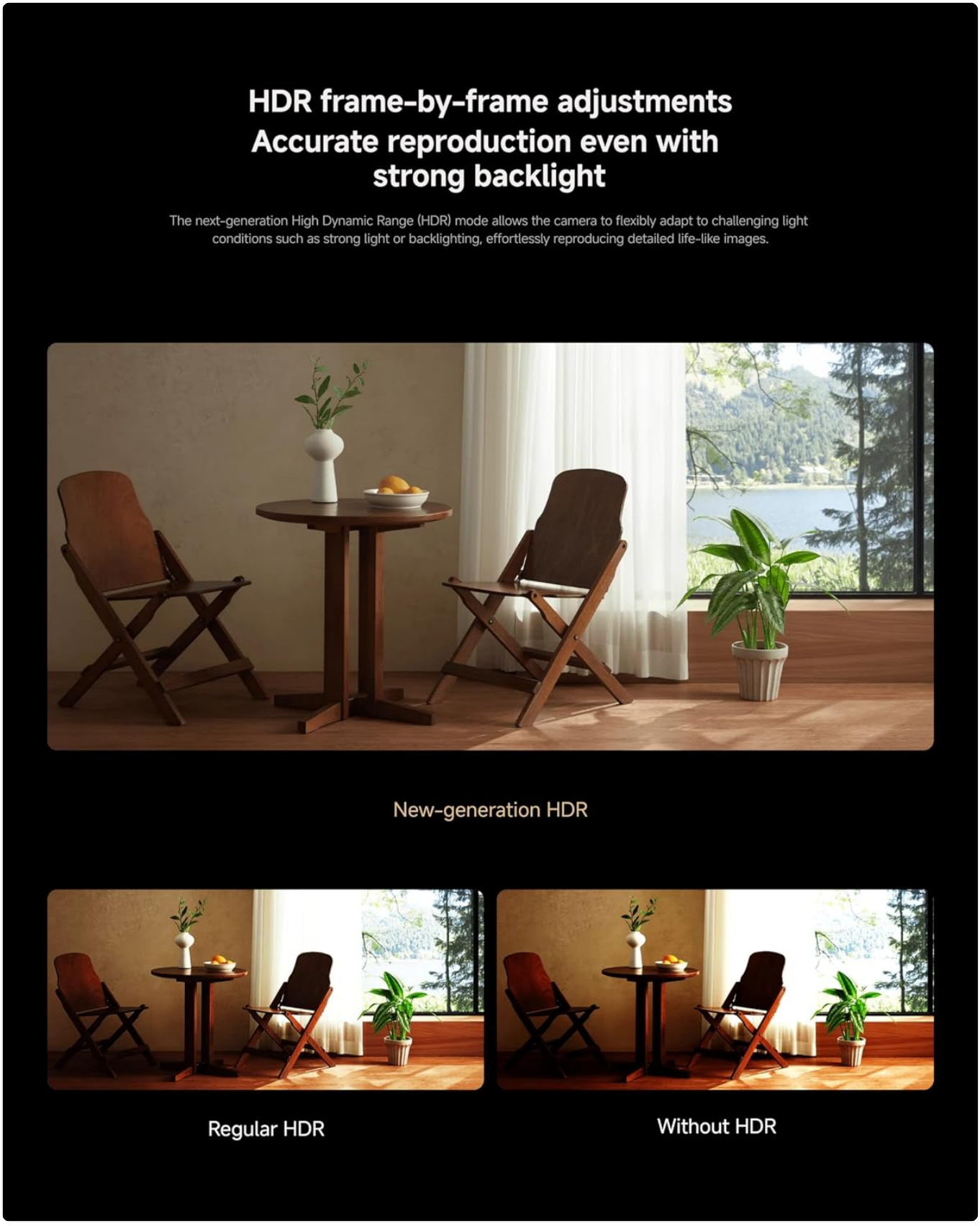

Figure 4: Demonstration of HDR technology, showing improved detail and color reproduction in challenging lighting.

Intelligent Features

- **Local AI Protection:** The camera features multiple AI functions with local data processing for enhanced security. This includes:
    - **Crying Baby Detection:** The camera alerts the user when it detects a baby crying.
    - **Pet Detection and Tracking:** Automatically tracks pets and alerts the user (functionality available for cats and dogs).

    - **Human Motion Tracking:** Detects and tracks human movement within its field of view.
    - **Loud Noise Detection:** Alerts for significant noises such as baby crying or items shattering.
- **Smart Cruise Modes:** Enjoy peace of mind with various monitoring modes:
    - **360° Panoramic Monitoring:** Provides a full panoramic view of the monitored area.
    - **Scheduled Monitoring:** Set specific times for the camera to monitor.
    - **Fixed-Point Monitoring:** Define key areas for focused monitoring.

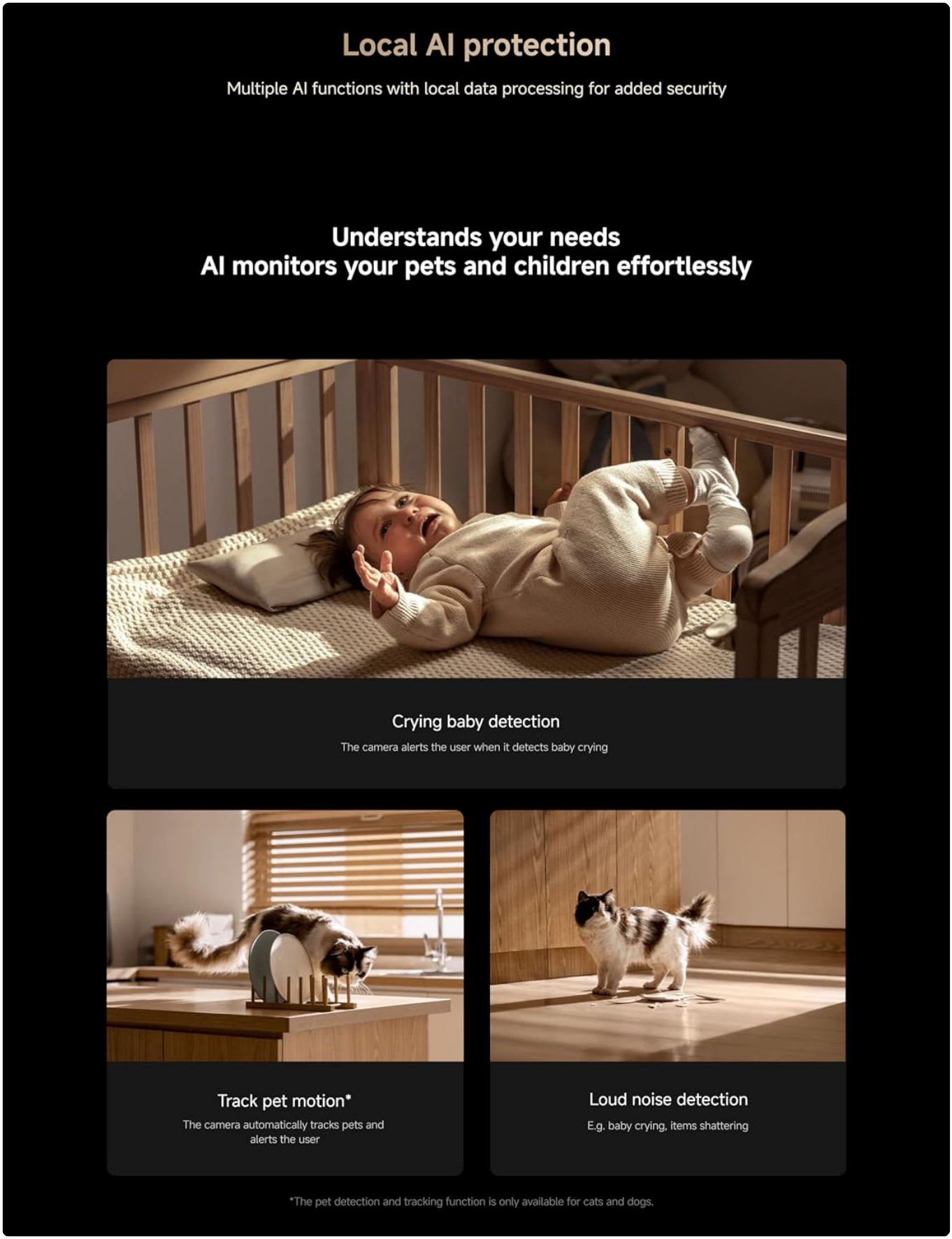

Figure 5: Overview of AI-powered detection capabilities, including monitoring for babies and pets.

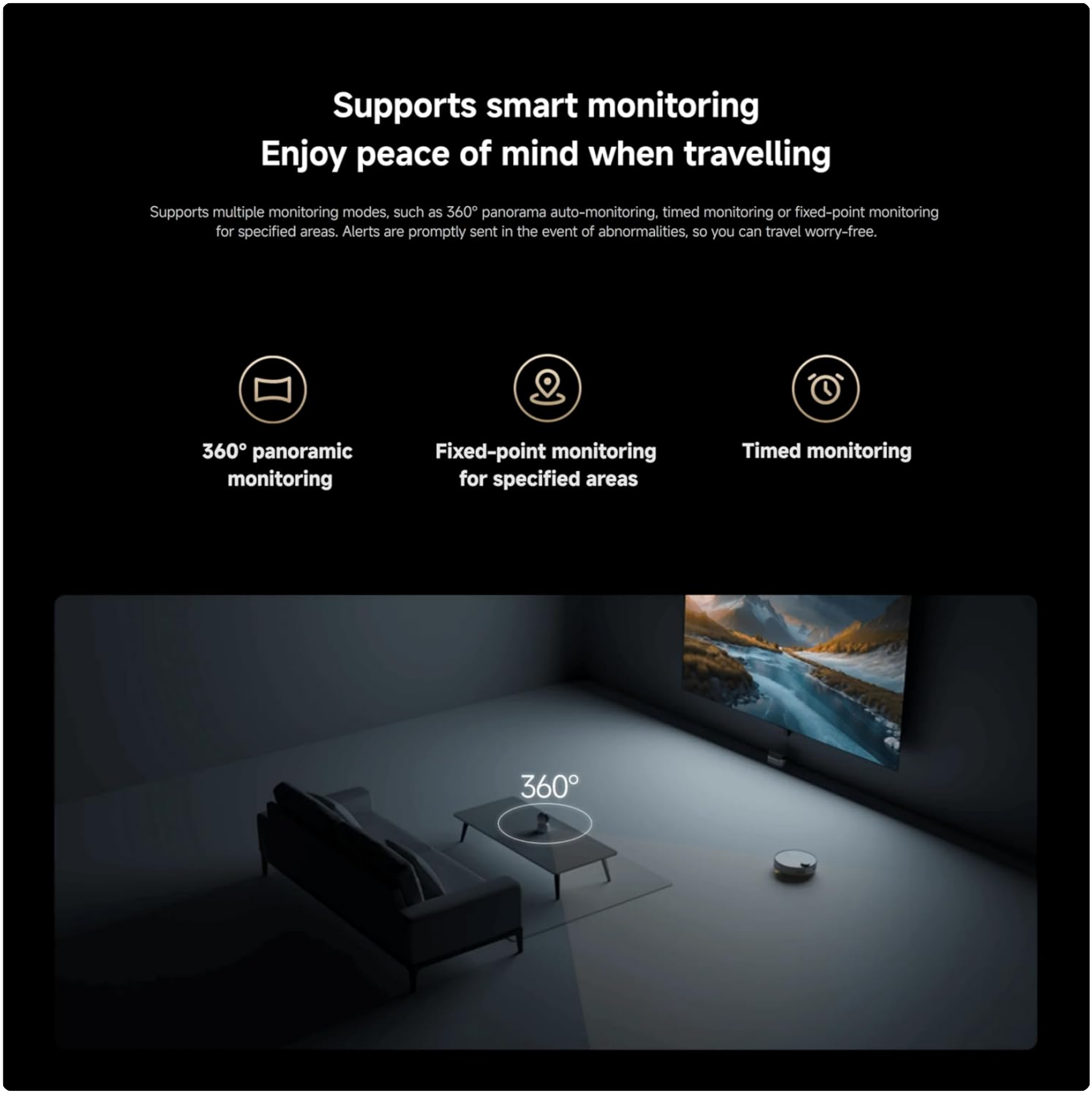

Figure 6: Visual explanation of the camera's smart monitoring modes, including 360° panoramic view.

Audio Features and Communication

- **Clear Audio:** An intelligent noise reduction microphone and large-diameter BOX speakers ensure clear and loud two-way audio communication.
- **Gesture Recognition on Calls:** Supports two-way voice calls between smartphones and the camera. To initiate a call from the camera side, make an "OK" gesture towards the camera. If the call is not answered, the system will make a free call and send a voice alert.



Figure 7: A child demonstrating the "OK" gesture for initiating a call through the camera, alongside details on audio features.

Maintenance

Cleaning the Camera

To ensure optimal performance and image clarity, regularly clean your Xiaomi Smart Camera C700.

- Before cleaning, disconnect the camera from the power source.

- Use a soft, dry, lint-free cloth to wipe the camera body.
- For the lens, use a specialized lens cleaning cloth or a soft brush to gently remove dust. Avoid using abrasive cleaners or solvents, as they may damage the lens or camera finish.

Firmware Updates

Periodically check for firmware updates through the Xiaomi Home app. Updates often include performance improvements, new features, and security enhancements.

- Open the Xiaomi Home app.
- Navigate to your camera's settings.
- Look for a "Firmware Update" or "Check for Updates" option.
- Follow the on-screen prompts to install any available updates. Ensure the camera remains powered on during the update process.

Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on	Power cable loose or adapter faulty.	Ensure the power cable is securely connected to both the camera and the adapter. Try a different power outlet.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password, camera too far from router, or network issues.	Verify Wi-Fi password. Move the camera closer to the router. Restart your router. Ensure your phone is on the same 2.4GHz or 5GHz network as the camera during setup.
Automatic lens not opening/closing	Temporary software glitch.	Power off the camera, wait 10 seconds, then power it back on. This often resolves minor operational issues.
Camera making ringing noise / unexpected calls	Accidental gesture recognition.	The camera may have detected an "OK" gesture. Be mindful of hand gestures in front of the camera if this feature is enabled.
Poor image quality	Dirty lens, poor lighting, or network bandwidth issues.	Clean the camera lens. Ensure adequate lighting in the monitored area. Check your internet connection speed.

Specifications

Feature	Detail
Model Name	Xiaomi Smart Camera C700
Item Model Number	MJSXJ21CM
Brand	Xiaomi
Product Dimensions	9.4 x 8.7 x 17 cm; 352 g
Connectivity Technology	Wireless (Dual-Band WiFi 6)
Recommended Uses	Baby Monitoring, Indoor Security

Feature	Detail
Special Features	2 Way Audio, HD Resolution, Sound Triggered Recording, PTZ Technology, Cry Detection, Motion Sensor, HDR Technology, Low Light Full Color, Gesture Recognition
Image Resolution	3840x2160 (4K)
Night Vision Range	Up to 10 meters (Infrared)
Memory	256MB (internal), MicroSD card slot for expansion

Warranty and Support

Warranty Information

This product may be eligible for an extended warranty. For example, a **2-Year Extended Warranty by Salama Care** is available for purchase. Please refer to your purchase documentation or contact your retailer for specific warranty terms and conditions applicable to your region.

Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact Xiaomi customer support or visit the official Xiaomi website for support resources and FAQs.

- **Xiaomi Official Website:** www.mi.com
- **Xiaomi Home App:** Utilize the in-app support features for common questions and direct assistance.

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