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## XIAOVV Q2

# XIAOVV Q2 3MP PTZ Indoor Security Camera User Manual

Model: Q2

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your XIAOVV Q2 3MP PTZ Indoor Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. The XIAOVV Q2 camera offers high-definition surveillance with pan-tilt-zoom capabilities, two-way audio, motion detection, and secure data storage options.

## 2. PACKAGE CONTENTS

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Please check the package contents upon unboxing. If any items are missing or damaged, contact customer support.

- XIAOVV Q2 Indoor Security Camera
- Power Adapter
- USB Cable
- Mounting Accessories (Screws, Wall Plugs)
- User Manual

## 3. PRODUCT OVERVIEW

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The XIAOVV Q2 camera features a compact design with a rotating head for wide area coverage. Key components include the camera lens, microphone, speaker, status indicator light, power port, and microSD card slot.



**Figure 3.1:** Front view of the XIAOVV Q2 camera with a smartphone displaying live feed.

# Privacy mode

100% Datenschutz mit aktivierbarem Privatschutz



**Figure 3.2:** The camera in privacy mode, with the lens rotated upwards for physical privacy protection.

# Schwenk-Neige-Funktion

Unterstützt Video-Wiedergabe (max. 128G SD-Karte)



Figure 3.3: Illustration of the camera's 355° horizontal pan and 75° vertical tilt capabilities.

## 3MP Grafik mit höherer Auflösung

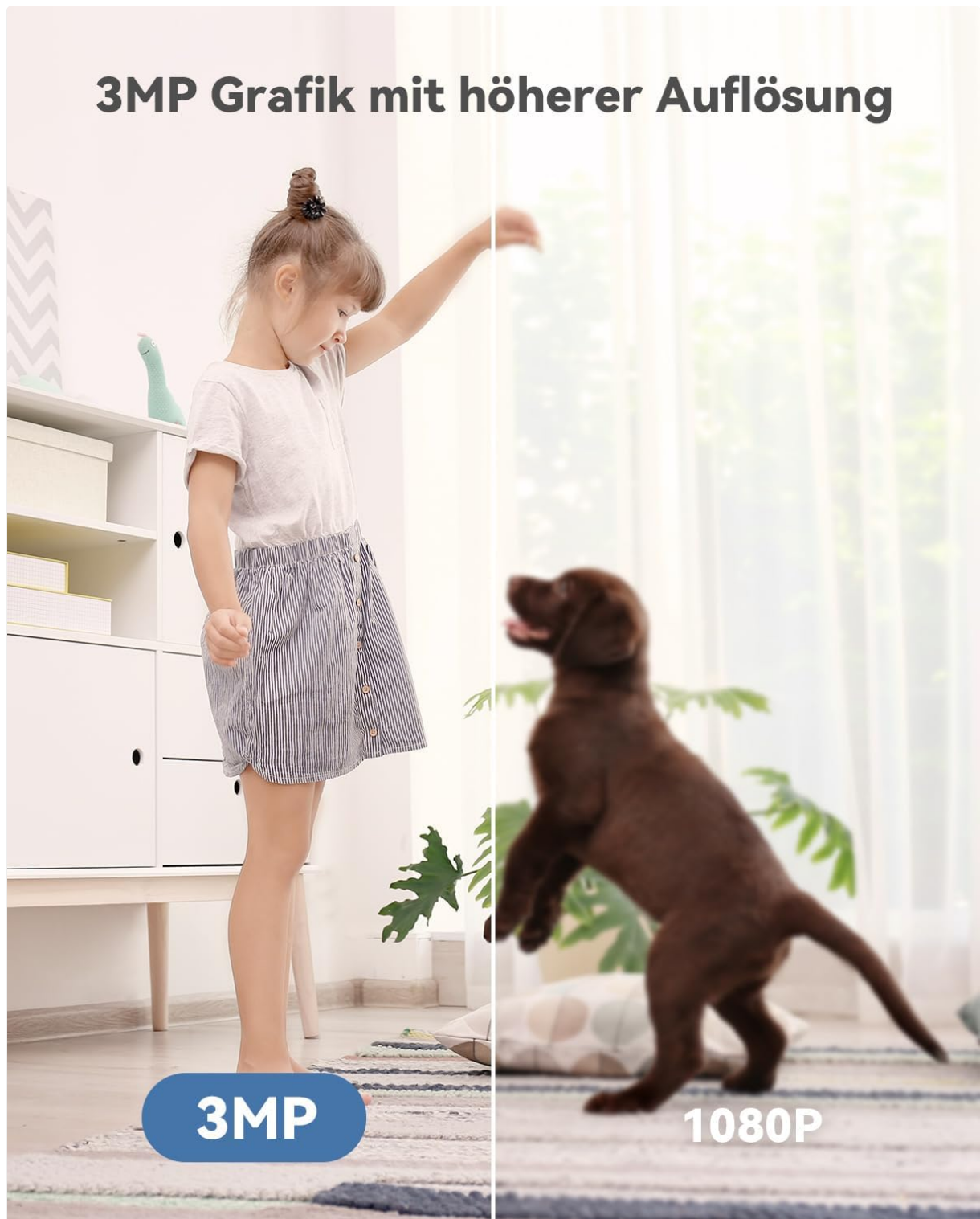
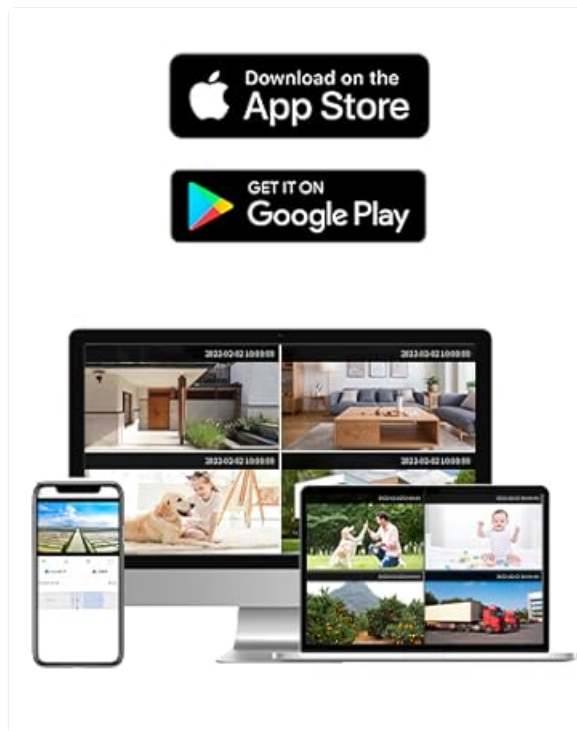


Figure 3.4: Comparison showing the higher clarity of 3MP resolution compared to 1080P.

### 4. SETUP

#### 4.1. Download the XIAOVV App

Search for "XIAOVV" in the Apple App Store or Google Play Store, or scan the QR code on the product packaging to download the official application.



**Figure 4.1:** Icons for downloading the XIAOVV app from Apple App Store and Google Play Store.

## 4.2. Account Registration

Open the XIAOVV app and follow the on-screen instructions to register a new account. Ensure you use a valid email address or phone number for verification.

## 4.3. Connect the Camera to Wi-Fi

1. Power on the camera using the provided power adapter and USB cable.
2. Wait for the camera's indicator light to flash, indicating it's ready for pairing.
3. In the XIAOVV app, tap the "+" icon to add a new device.
4. Select your camera model (Q2) and follow the in-app instructions to connect to your 2.4GHz Wi-Fi network.  
*Note: The camera only supports 2.4GHz Wi-Fi.*
5. Scan the QR code displayed on your phone screen with the camera lens.
6. Once connected, the indicator light will turn solid, and you will hear a confirmation sound.

## 5. OPERATING INSTRUCTIONS

### 5.1. Live View and Pan/Tilt Control

After successful setup, tap on the camera in the app to access the live view. Use the on-screen joystick or swipe gestures to control the camera's pan (355° horizontal) and tilt (75° vertical) movements.



Figure 5.1: Live video feed from the camera displayed on a smartphone.

## 5.2. Two-Way Audio

Tap the microphone icon in the live view interface to enable two-way audio. You can speak through your phone, and your voice will be transmitted through the camera's speaker. Similarly, you can hear audio from the camera's environment.

## 5.3. Motion Detection and Alerts

The camera features intelligent motion detection. When movement is detected, the camera can automatically track the object and send instant notifications to your smartphone. You can customize alert sensitivity and schedules in the app settings.

# APP-Alarmbenachrichtigung

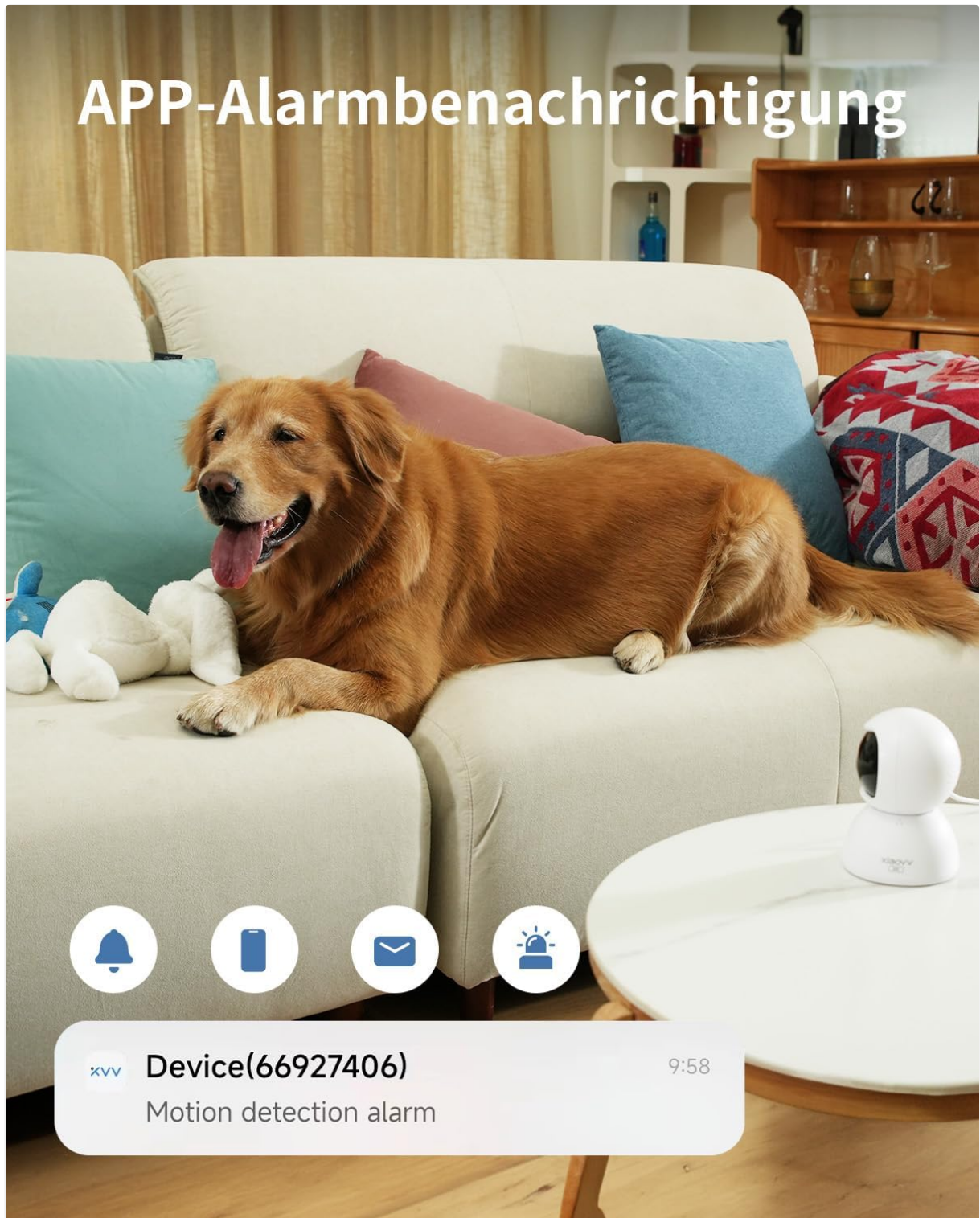


Figure 5.2: Example of an app notification for motion detection.

## 5.4. Night Vision

The camera automatically switches between day and night modes based on ambient light conditions. It provides clear black-and-white night vision up to 3 meters in complete darkness.



**Figure 5.3:** The camera operating in night vision mode, capturing clear images in low light.

## 5.5. Privacy Mode

Activate the privacy mode with a single tap in the app. This physically rotates the camera lens upwards, blocking the view, and simultaneously activates a software privacy shield for enhanced data protection.

## 5.6. Video Recording and Storage

The camera supports two storage options:

- **MicroSD Card:** Insert a microSD card (up to 128GB, not included) into the camera's slot for continuous local recording.
- **Cloud Storage:** Subscribe to cloud services via the app for secure, remote storage of your video recordings.

All recorded data is protected with military-grade encryption to ensure your privacy.



**Figure 5.4:** Illustration showing both cloud storage and local SD card storage options for the camera.

## 5.7. Sharing with Family

You can share access to your camera's live feed and recordings with family members through the XIAOVV app. This allows multiple users to monitor the same location simultaneously.

## Familienmitglieder können eine Überwachung teilen



Figure 5.5: The app interface demonstrating the ability to share camera access with multiple family members.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.
- **Software Updates:** Regularly check the XIAOVV app for firmware updates to ensure optimal performance and security.
- **Placement:** Ensure the camera is placed in a stable location, away from direct sunlight, heat sources, and moisture.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera fails to connect to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; Only 5GHz Wi-Fi available.	Verify Wi-Fi password; Move camera closer to router; Ensure you are connecting to a 2.4GHz Wi-Fi network.
Poor image quality	Dirty lens; Insufficient lighting; Weak Wi-Fi signal.	Clean the lens; Ensure adequate lighting or enable night vision; Improve Wi-Fi signal strength.
No motion detection alerts	Motion detection disabled; App notifications blocked; Sensitivity too low.	Enable motion detection in app; Allow app notifications in phone settings; Adjust sensitivity settings.
Two-way audio not working	Microphone/speaker muted; App permissions not granted.	Check mute settings in app; Grant microphone permissions to the app in phone settings.

## 8. SPECIFICATIONS

Feature	Detail
Model	Q2
Resolution	3MP (1296p)
Pan/Tilt Range	Pan 355°, Tilt 75°
Night Vision Range	Up to 3 meters
Wireless Connectivity	2.4GHz Wi-Fi
Storage Options	MicroSD Card (up to 128GB), Cloud Storage
Power Input	5V (AC), 10W
Material	Plastic
Dimensions (L x W x H)	8 x 8 x 10 cm
Effective Fixed Resolution	3 Megapixels
Frame Rate	20 fps
Operating Temperature	10°C to 50°C

## 9. WARRANTY AND SUPPORT

### 9.1. Warranty Information

The XIAOVV Q2 camera comes with a 1-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. The availability of spare parts is guaranteed for 1 year.

### 9.2. Data Protection

XIAOVV prioritizes your privacy. All data recorded by the camera is protected with military-grade encryption to ensure confidentiality and security.



**Figure 9.1:** Illustration of the encrypted chip data algorithm ensuring 100% protection of private data.

### **9.3. Customer Support**

For any questions, technical assistance, or support, please contact XIAOVV customer service:

- **Email:** [xiaovvsupport@macro-video.com](mailto:xiaovvsupport@macro-video.com)
- **Website:** XIAOVV Official Website