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› Aqara Video Doorbell G4 (Chime Included), 1080p FHD HomeKit Secure Video Doorbell Camera, Local Face Recognition and Automations, Wireless or Wired, Supports Apple Home, Alexa, Google, IFTTT, Gray

Aqara SVD-KIT1

Aqara Video Doorbell G4 User Manual

Aqara - Smart Home Solutions

INTRODUCTION

The Aqara Video Doorbell G4 is a versatile smart doorbell camera designed for enhanced home security and convenience. It offers advanced features such as local AI-powered face recognition, multiple storage options, and broad compatibility with smart home ecosystems. This manual provides essential information for setting up, operating, and maintaining your device.



Figure 1: Aqara Video Doorbell G4 product packaging and included components.

SETUP

What's in the Box:

- Video Doorbell Main Module
- Chime-Repeater
- 6 AA 1.5V Batteries (included)
- Mounting Wedge Pieces
- Screws and Anchors for Installation
- USB-A to USB-C Cable (for Chime-Repeater power)

Powering Options:

The Video Doorbell G4 offers flexible powering options. It can be powered by the included 6 AA 1.5V batteries, providing up to 4 months of battery life under optimal conditions. Alternatively, it can be connected to existing doorbell wiring (12-24V AC or 8-24V DC transformers supported) for constant power. Batteries will serve as a backup in case of a power outage when wired.

Dual Powering Options



Wired connection

OR



**Up to 4-month
battery**



*** The external power supply of 12-24V AC
or 8-24V DC is required**

Figure 2: Wired connection or battery power options for the doorbell.

Chime-Repeater Setup:

The included Chime-Repeater is essential for the doorbell's operation as it acts as a bridge to your Wi-Fi network. It should be placed within 5 meters (approximately 16 feet) of the doorbell for optimal signal strength. The Chime-Repeater requires constant power via its USB-C port (power adapter not included).

Indoor Chime Repeater Included



- Up to 95 dB
- Custom Ringtones

Figure 3: The Indoor Chime Repeater with up to 95 dB sound and custom ringtones.

App Integration:

Download the Aqara Home app and follow the on-screen instructions to add the Chime-Repeater and then the Video Doorbell G4. The doorbell supports Apple HomeKit, Amazon Alexa, Google Assistant, and IFTTT. For HomeKit Secure Video features, an iCloud subscription and a HomeKit hub (like HomePod or Apple TV) are required.

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Video 1: Official Aqara Installation Video for Video Doorbell G4. This video provides a step-by-step guide for setting up the doorbell.

OPERATING YOUR AQARA VIDEO DOORBELL G4

24/7 Recording and Storage:

The doorbell supports 24/7 recording when wired, with footage stored on a Micro SD card (up to 512 GB, not included) in the Chime-Repeater. This ensures local storage that cannot be accessed externally. Additionally, 7 days of event-based cloud storage is included. Local NAS storage via Samba protocol is also supported.

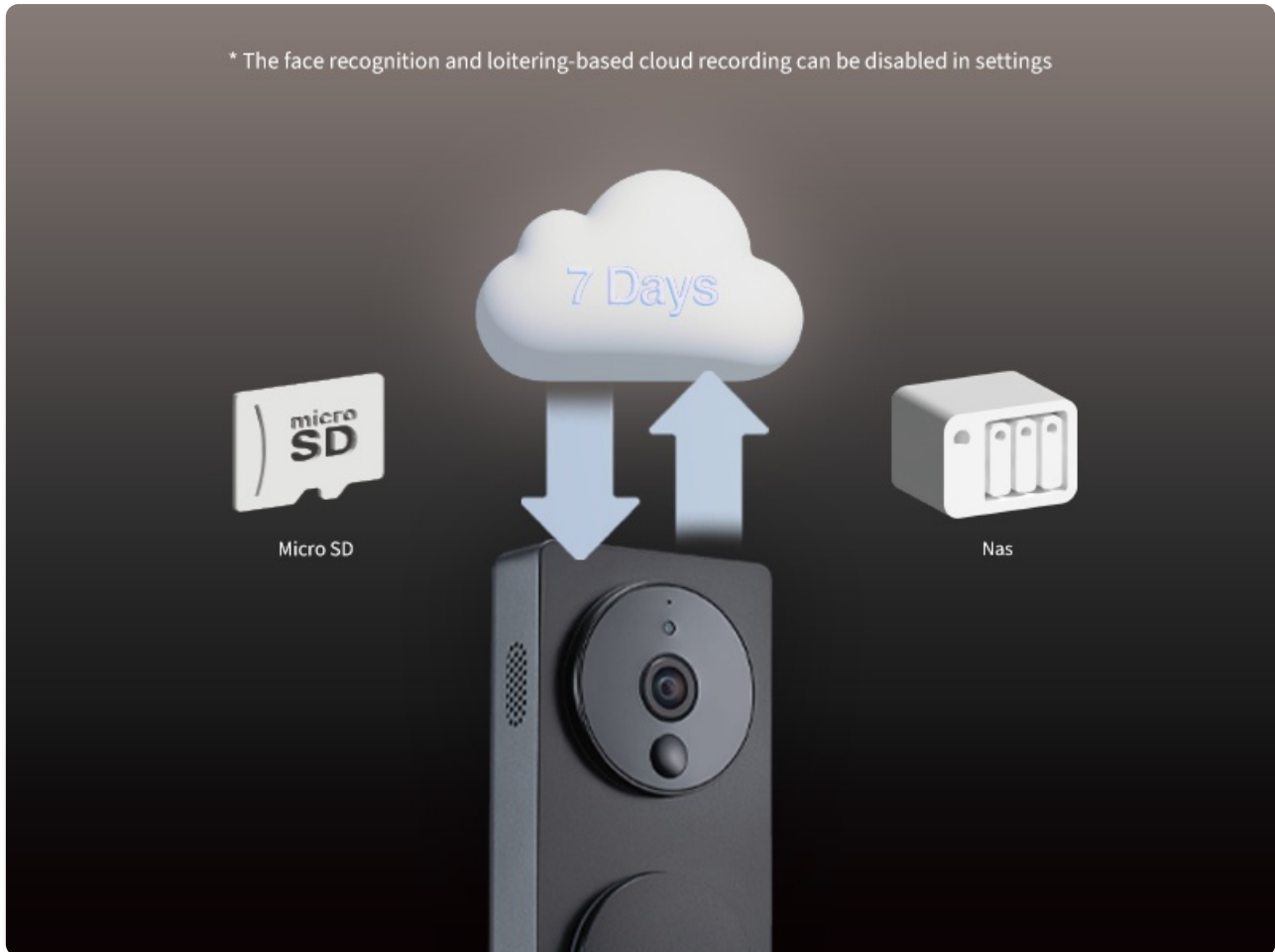


Figure 4: Storage options including Micro SD, Cloud, and NAS.

Local Face Recognition and Automations:

The G4 features local AI for face recognition, allowing for personalized alerts and automations. You can customize actions based on recognized faces, such as triggering smart home scenes. This enhances security and convenience by identifying familiar visitors.

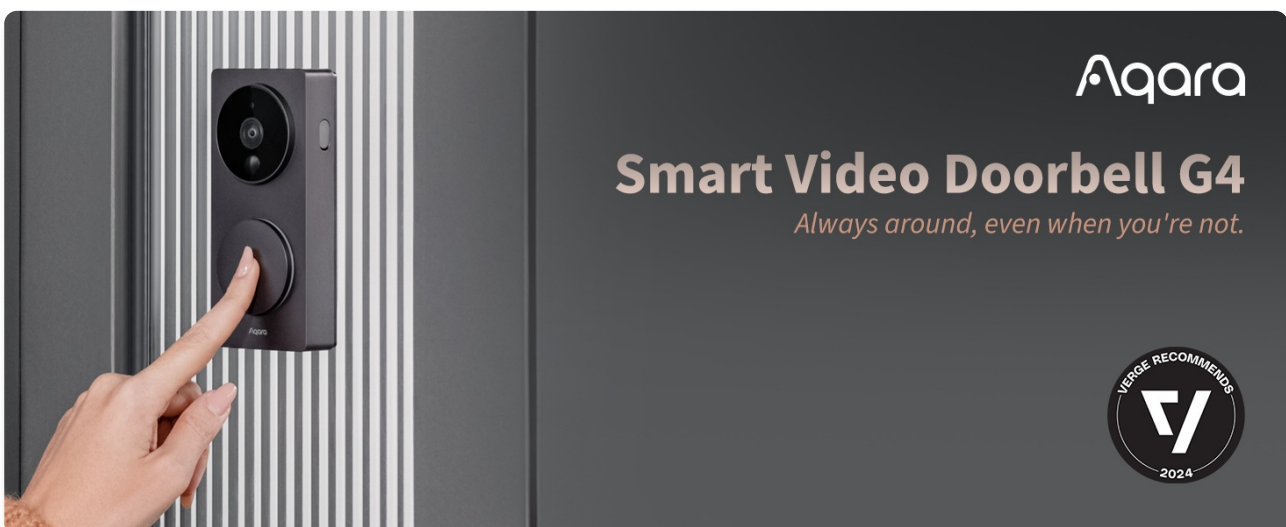


Figure 5: Local AI-based facial recognition supporting up to 30 faces for personalized automations.

Voice Changing Function and Custom Ringtones:

For privacy, the doorbell offers a voice changing function during two-way audio communication, allowing you to disguise your voice to one of four options (e.g., uncle, robot). Custom ringtones can also be set for both indoor and outdoor units, providing flexibility for alerts and automations.



Figure 6: Voice changing options and custom ringtone settings for enhanced privacy and personalization.

Multi-Ecosystem Support:

The Aqara Video Doorbell G4 supports various smart home ecosystems including Apple HomeKit, Amazon Alexa, Google Assistant, and IFTTT, allowing seamless integration into your existing smart home setup.



* To control this HomeKit-enabled accessory, the latest version of iOS or iPadOS is recommended
** iCloud or other supported third-party cloud storage is not included, and should be controlled separately via the respective app
*** To support Google Home and Amazon Alexa, a compatible smart speaker is required

Figure 7: The doorbell supports Aqara Home, Apple Home, Alexa, Google Home, and IFTTT.

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MAINTENANCE

Battery Life and Replacement:

The doorbell can achieve up to 4 months of battery life when operating in Battery-Saving Mode. Battery level can be monitored via the Aqara Home app. When batteries are low, replace all 6 AA 1.5V batteries to ensure continuous operation.

Local Storage Management:

Ensure a Micro SD card (not included) is inserted into the Chime-Repeater for 24/7 local recording. Regularly check the storage capacity and manage recordings as needed. The Chime-Repeater supports Micro SD cards up to 512 GB.

TROUBLESHOOTING

Common Issues and Solutions:

- **Poor Battery Life:** Ensure the doorbell is installed in a shaded area if possible. If wired, confirm the transformer meets the 12-24V AC or 8-24V DC requirements. Enable Battery-Saving Mode in the Aqara Home app.
- **Connectivity Issues:** Verify the Chime-Repeater is within 5 meters of the doorbell. Check your Wi-Fi signal strength. Ensure your Wi-Fi is 2.4 GHz, as 5 GHz is not supported.
- **Video Quality/Night Vision:** Ensure the lens is clean. For optimal night vision, ensure there are no strong light sources directly facing the camera.
- **Notifications Not Received:** Check app notification settings for both Aqara Home and Apple Home. Ensure the Chime-Repeater is powered on and connected.

For more detailed troubleshooting steps, please refer to the official [Troubleshooting Guide \(PDF\)](#).

SPECIFICATIONS

Feature	Detail
Brand	Aqara
Model Name	SVD-KIT1
Video Capture Resolution	1080p
Viewing Angle	162 Degrees
Power Source	Battery Powered (6 AA batteries included)

Feature	Detail
Connectivity Protocol	Wi-Fi (2.4 GHz)
Controller Type	IFTTT, Apple HomeKit, Google Assistant, Amazon Alexa
Item Dimensions L x W x H	5.57 x 2.56 x 1.2 inches
Item Weight	5.8 ounces
International Protection Rating	IP66

WARRANTY AND SUPPORT

The Aqara Video Doorbell G4 comes with a standard 30-day refund/replacement return policy. For product support, troubleshooting, and warranty claims, please refer to the official [Aqara Store](#) or the [User Manual \(PDF\)](#).