

Aqara Smart Video Doorbell G4

Slogan: *Local Face Recognition, More Privacy and Convenience.*

Product Portfolio



Works with
Apple Home

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Classical Automation

Local Face Recognition, More Privacy and Convenience.

Local Face Recognition + HomeKit Secure Video + Wired or battery-powered

Aqara Smart Video Doorbell G4 consists of a Main (Outdoor) Module and an indoor Chime-Repeater, which can ring, record video, push app notification in case the doorbell button is pressed and can identify visitors thanks to the local face recognition function, that can reduce false alerts, increase awareness, and trigger smart home automations. In addition to playing the doorbell ringtone, the indoor repeater also relays the Wi-Fi signal of the Outdoor Unit, which increases the stability of the Internet connection. The lens of the doorbell has a 162° field of view, and the video resolution is 2 million pixels (1080p). It also supports functions such as loitering detection using the built-in PIR sensor, voice-changing 2-way talk, infrared night vision, and tamper alarm. The outdoor doorbell host is equipped with 6 AA batteries. The ultra-low power consumption design ensures battery life of up to 4 months** in normal mode and up to 6 months** in battery-saving mode. It can also be powered from a regular 8V-24V AC or 12-24V DC doorbell transformer. The global version of the doorbell also supports microSD card storage and comes with a 20° wedge mount. In addition to its connection with the Aqara Home ecosystem and all the automation capabilities with other Aqara devices, this product also fully supports Apple's HomeKit Secure Video, and can also stream to Google and Alexa smart displays.

Local AI

- Automatic visitor logging
- Familiar face notifications and recording
- Face recognition in automations
- Works even without internet connection***

Works with Apple Home etc.

- The first HomeKit Secure Video battery doorbell
- Local streaming to Google and Alexa smart display
- Alice, IFTTT etc. support
- Matter support in late-2023

Free cloud and local storage

- No subscription or hidden fees
- Free 1080p 7-day event cloud storage
- Cloud recording can be turned off
- MicroSD Storage of up to 512 GB
- Automatic backup to SMB NAS (Q2-2023)

Feature-rich outdoor unit

- IP-rated main unit can be installed outdoors
- 162° lens and 1080p FullHD sensor
- Built-in PIR sensor for loitering alerts
- Tamper and temperature alarm

Battery or Wired 2-in-1

- Up to 4-month** battery life in normal mode
- Up to 6-month battery life in power-saving mode
- Can be wired to 12V-24V AC or 8V-24V DC transformers

Chime-repeater Included

- Loud 95 dB speaker for alerts and ringtones
- Acts as a Wi-Fi repeater for the outdoor unit
- Power saving
- Built-in microSD card slot (up to 512GB)
- USB-C port and UPS support
- Supports WPA3

Customizable Setting

- Voice changing in 2-way talk for more privacy
- Custom ringtones in automations
- Do-not-disturb mode scheduling
- Privacy masking feature
- Linkage with Aqara smart door locks (Q2-2023)

*The further to the left, the higher the importance of the selling point.

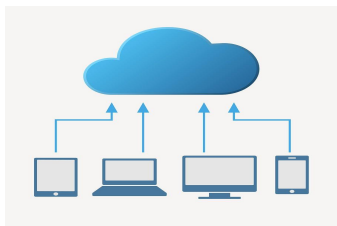
Product	Aqara G4 with Wi-Fi Chime	ring video doorbell 3 (no/with chime)	google nest battery/wired	Logitech Circle View	Eufy 1080P
Pic					
Price	\$119	\$139.99/ \$174.98	\$179.99	\$199.99	\$99.99
Power source	Battery and wired 2-in-1	Battery or wired	Battery or wired	Wired	Battery
View angle	162°	160° horizontal, 84° vertical	145° diagonal	160°	/
Wi-Fi connectivity	2.4GHz	2,4 GHz & 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4GHz
Chime	Yes(included)	Yes (sold separately)	No	No	Yes(included)
Work with existing chime	✘	✓	✓	✓	✘
Video Resolution	1080p	1080p	960P	1200p	1080p
Local face recognition	✓	✘	✓	✓	✘
Human Detect	✓	✓	✓	✓	✓
Free cloud storage	✓ (7 days)	✘	✓ (3 hours)	✘	✘
Local storage	✓ Micro SD card on wifi indoor chime	✘	✓	✘	✓ MicroSD Card on Wi-Fi indoor Chime
Supported Apple Homekit	✓	✘	✘	✓	✘
Supported Apple Homekit Secure Video	✓	✘	✘	✓	✘
Smart home connection	✓	✓	✓	✓	✘
Privacy settings for video and audio	✓	✓	✘	✘	✓
Support WPA3	✓	✘	✓	✘	✘
Other Third-Party ecosystem	Alexa, google, Yandex, IFTTT	Alexa	Alexa ,Google	No	Google Voice Assistant or Amazon Alexa



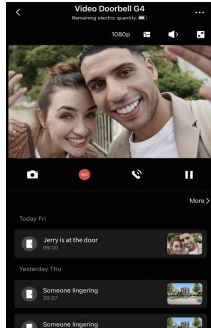
The built-in local face algorithm is the biggest advantage of the Aqara doorbell. It can identify the person that presses the doorbell button or staying at the door, remarking the name of the detected person and push notification via the app, or set different automations based on the specific person. Even if the network is disconnected, the recognition function will keep working.



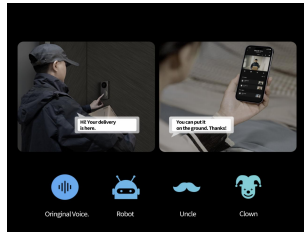
Security with HomeKit Secure Video. Video analysis and notifications happens on your Apple devices, such as iPad, iPhone, Apple TV. Everything is encrypted before it's stored in iCloud of Apple. This is the world's first battery-based HomeKit Secure Video doorbell.



Aqara Doorbell G4 offers **7-day event-based cloud storage with no subscription fee** for videos captured by the doorbell, and uploads automatically to the cloud. Saves up to \$60 per year! Of course, you can also opt out of the cloud storage and choose local storage via Micro SD or Apple icloud.



No matter where you are, you can **check the situation outside your door through the APP.** Video viewing, real-time conversation. Let you feel at ease at any time outside the door.

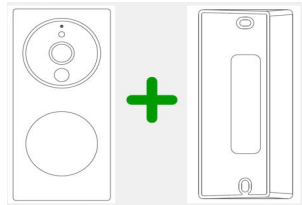


Protects the identities of indoor family members with voice-changing dialogue settings. Users can hide their identities to communicate with strangers outside the door in order to protect their own safety. It is unique technology among doorbells.

Highlights 02



The battery and wired power supply are 2-in-1, and we have considered various power supply and usage scenarios for users. The external doorbell comes with an indoor chime, which also functions as a repeater to ensure better network stability and energy efficiency.



Included **20° fixed angle wedge bracket**—The optional steering bracket is suitable for use when the installation position is on both sides of the door. It can adjust the direction of the doorbell lens through this 20° wedge bracket to monitor specific. Also, you can add extra privacy settings to mask certain areas.

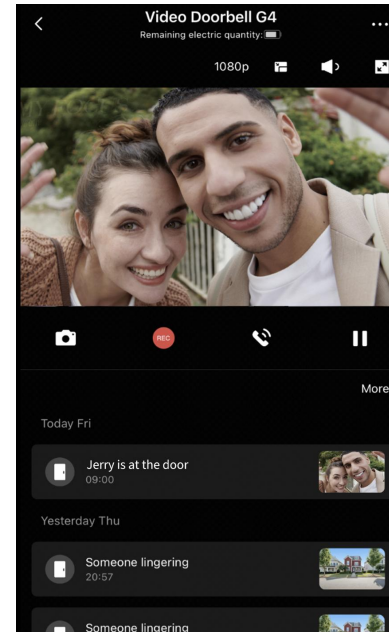
03 Selling Point 1: Local AI Face Recognition

Set it up and Know Who's at Door.

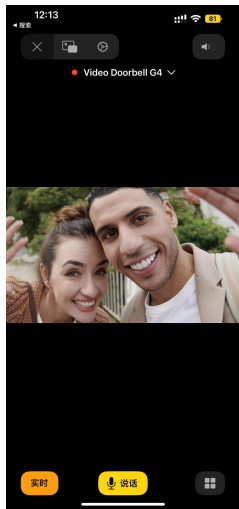
User Benefits: Are you still troubled by the reminder of the video doorbell, and the tediousness of having to open the doorbell to check the video every time? Is it possible to quickly know who stop by your door without viewing the full video? Now using G4, it can recognize the faces that appear in the video, and you could make name notes on the recorded face information. The next time the same person comes over, the app will pop up a notification with a corresponding visitor name. It can also be set up smart home linkages triggered by specific faces, such as recognizing the return of family members, thereby triggering the automatic opening of light bulbs and curtains in the home.

Reasons to Believe: Facial information is used and stored locally thanks to the use of built-in face algorithms. And, because faces are stored locally, it means your privacy and profile information is more secure, as it's only stored on your own local device. A better technical experience, a higher level of security.*Also, the G4 can be linked to other Aqara devices (such as Zigbee*- and Wi-Fi-based ones) via Aqara Home app, and use the recognized face as the activation condition for automations. Bring you a smarter and smoother doorbell experience.

*Access to Zigbee protocol, suitable for linking with other smart devices, need to purchase additional Zigbee Hub.



Jerry is at the door.



Security with HomeKit Secure Video. Get Enhanced Features.

User Benefits: Video analysis and notifications happen on your Apple devices, such as iPad, iPhone, Apple TV. And everything is encrypted before it's stored in iCloud. Battery powered for the first time, the world's first battery-based HomeKit Secure Video doorbell. Imagine that when you are watching TV on Apple TV without your mobile phone by your side, the video of visitors coming outside the door can still appear on the large Apple TV display.

Reasons to Believe: There are very few doorbell products on the market that can support HomeKit and HomeKit Secure Video at the same time, but Aqara did it. This means that you can not only see the situation outside the door from the Aqara app, but also see it in the other Apple devices, which is helpful for enhancing the reminder of the visit and can bring more convenience for your life.

* To control this HomeKit-enabled accessory, the latest version of iOS or iPadOS is recommended. And HomeKit Secure Video requires a supported iCloud+ plan and a HomePod mini, HomePod, Apple TV, or iPad set up as a home hub. It is recommended that you update to the latest software and operating system.



Compatible with Third-party Ecosystems and Voice Assistants



Amazon Echo show

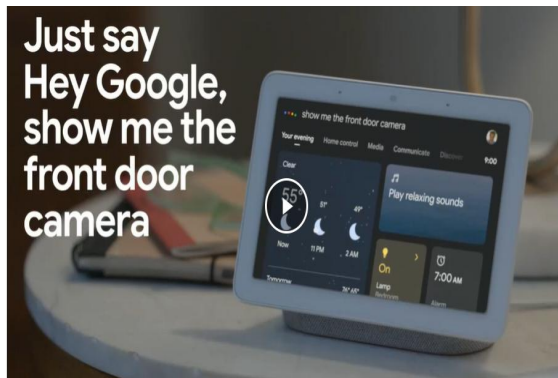


Google Nest Hub



Yandex Alice

*The Yandex Alice voice assistant is not supported yet, will be updated in the future.



Compatible with Alexa and google: Aqara Smart Video Doorbell G4 can realize the interconnection of audio and video with Google and Alexa smart screens, speakers and app. For example, you can just sit at home, and JUST say "Alexa, show me my front door", then you could watch your front door footage from G4.

Work with Yandex: And the button and motion sensor function of G4 can be interconnected with Yandex Smart Home app to achieve the automation.



Save Up to \$60 /Year. No Subscription Fee.

User Benefits: Still worrying about the monthly cloud storage fee? Aqara doorbell knows how to save money for you, but still provides a good storage experience—7 days of free cloud storage, which is equivalent to saving for you up to \$60 per year on subscription fees. And the indoor chime provides the local MicroSD card (not included) storage option, which is safer and more convenient. In the future, we also plan to launch NAS storage to provide more options for our users.



Aqara

- Free cloud storage up to 7 days.
- Users can choose to turn off the cloud storage.

VS



Other Brands

- A cloud storage subscription fee of \$6 is required per month, and \$60 is required for one year.
- By default, cloud storage is turned on and cannot be turned off by users.

Reasons to Believe:

7 days of 1080p free storage is not a 24-hour history recording, it is a “event based”, like visitors triggering and face recognition. Then the short event-based clips will be sent to the cloud immediately and without any hidden fees. Also, cloud video of face recognition and staying alarm can be turned off and prohibit the uploaded according to your preference, then G4 will not save any your privacy footage on the cloud*. But ringing the bell and tamper alarm will force the recording of cloud video and cannot be turned off, in case of security and protection.

* iCloud or other supported third-party cloud storage is not included, and should be controlled separately via the respecting app.

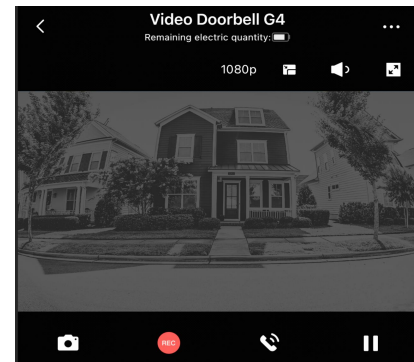
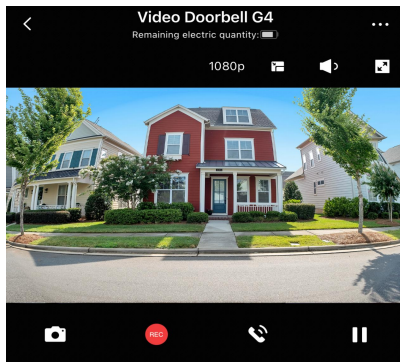
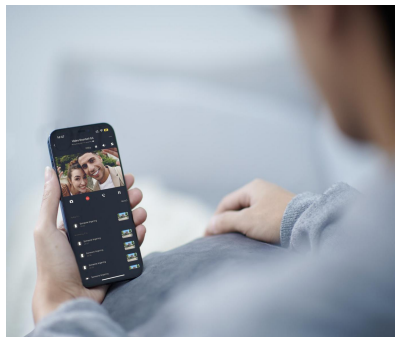
Hello?...

The Doorbell has

been Answered.

User Benefits: Answer the outdoors from anywhere. See and talk live from your smartphone, whether you are at home or on the other side of the world, it seems you are always at home. When a visitor comes, the app pushes a reminder, and you can check the situation outside the door by video at any time, have a conversation or check.

Reasons to Believe: Thanks to the 162° wide-angle field of view +1080p HD Video + full glass (4 Glass) lens of G4, it can display video more clearly and stably. What's more? G4 is suitable for outdoor use, thanks to the higher ambient temperature (cold/hot) stability and the IPX3 waterproof level*.

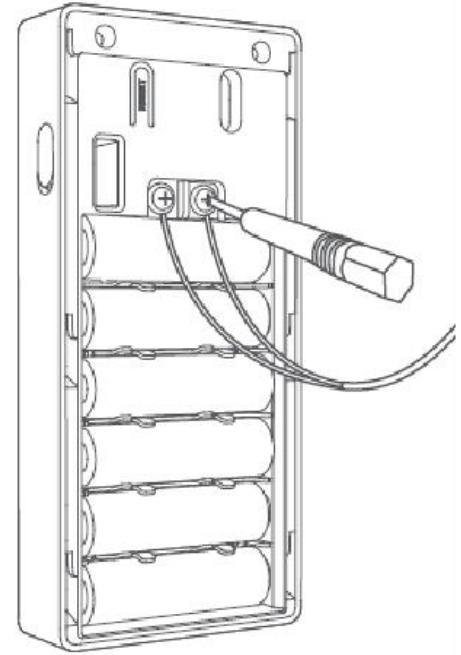


*The Video Doorbell G4 is recommended to be installed on a porch or in other shaded areas.

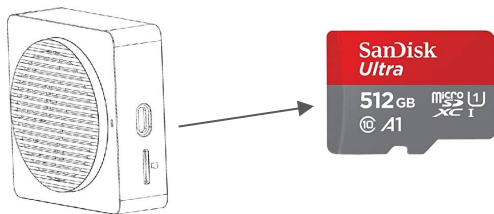
Battery or No Battery?

User Benefits: Is there only one power supply solution for a doorbell you have to choose? Various scenarios have been considered for you. Battery and Wired 2-in-1, if you want long-term power supply, choose wired power supply. If the door is not suitable for wired power installation, choose battery power supply. Also, you can wire the G4 to a transformer, and the batteries will only be used in case of power outage! What's more, its 6-battery pack lets it be used for up to 4 months*.

Reasons to Believe: The first HomeKit doorbell powered by a battery and connected through a repeater, the encryption method between the indoor chime (or repeater) and the doorbell has been officially certified by Apple, meeting the encryption security requirements of Apple HomeKit's end-to-end test. What else the special? In order to support Apple Homekit, the other brand doorbells on the market need to be connected without sleep for 24 hours to keep the connection continue. However, since Aqara G4 comes with chime device (repeater), even if it is connected to Homekit and it does not need to no sleeping, it can better save power for users and make the battery up to 4 months* possible, compared to other directly connection with doorbell item solution. In addition to being powered by detachable AA batteries, the G4 doorbell can also be powered by an external power supply of 12-24V AC or DC, which can meet the installation requirements of most users.

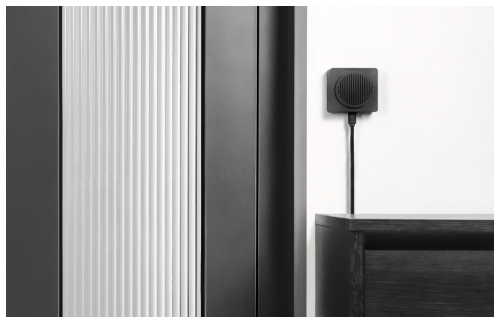


* The calculation assumes 35 device wake-ups and 6-second event video recording a day. And battery life varies greatly due to the usage habits of each users, so it is not recommended to focus on publicity.



Remind you Obviously, Stably.

User Benefits: We have considered all aspects of the user's house size. Worried that the door is too far from the bedroom/garden to hear the doorbell? And leaving the mobile app and not being able to receive the doorbell notification? Is your old doorbell always unusable due to unstable WIFI or sudden disconnection? The doorbell G4 comes with an indoor WIFI chime. Leave your phone at home, or let the indoor chime serve you in your home. Ensure that your network is stable, and you can continue to work even if the network is suddenly disconnected.



Reasons to Believe: The G4 includes a Chime Repeater with a powerful 95 dB speaker in order to remind family members of visitors in all directions, making the reminders more reliable. What is more, it can also act as a signal connector between the doorbell and the network router, keeping the doorbell working properly even if the network is suddenly disconnected. And it can also help you reduce power consumption. Also it supports MicroSD card *storage of up to 512GB to store doorbell video in Chime indoor, which cannot be stolen easily. (the MicroSD card needs to be purchased by the user).

*Aqara does not provide MicroSD cards, users need to purchase additional.

** Kindly remind, G4 cannot work with existing indoor chime, especially wiring. And the main unit outside of G4 and the indoor chime are paired products, and cannot be used apart or used with other indoor chime.

Most of other Brands



Doorbell



Wi-Fi



Router

VS

Aqara



Aqara G4



Wi-Fi



Chime Repeater



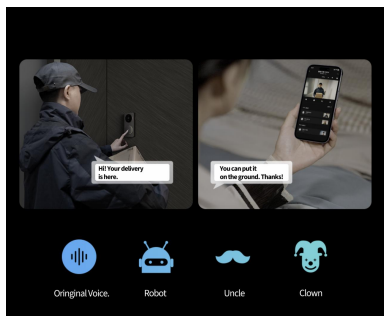
Wi-Fi



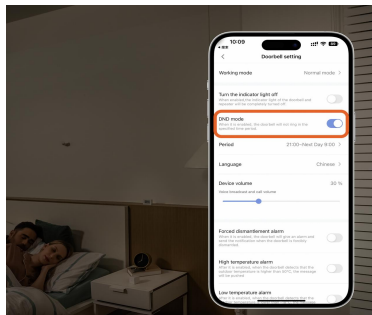
Router

WIFI Connection – more stable.
Remind voice – more obvious.

Selling Point 7: Customizable Settings



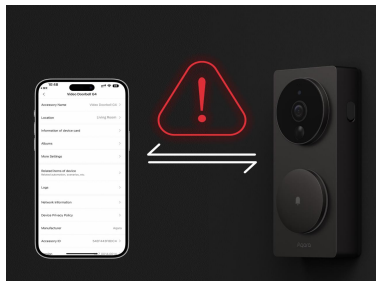
Voice changing option—G4 has a unique voice-changing dialogue technology. It is special in the video doorbell category. Users can change the voice of the intercom audio to uncle voice, robot voice, and clown voice, which can better protect the user's privacy and identity.



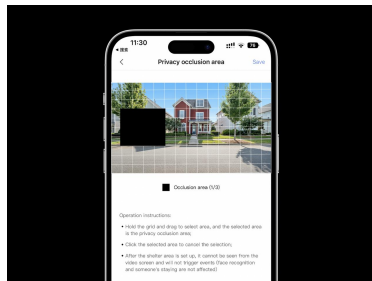
Support Do Not Disturb mode to prevent malicious ringing. Users can customize the ringing period and ringing volume of the doorbell. When the Do Not Disturb mode is turned on, even if someone maliciously rings the bell in the middle of the night, users still can sit back and relax.



Personalized custom ringtones—Supports users to upload personalized custom ringtones as the sound of the doorbell, which can be automatically configured to play on the outdoor doorbell or indoor repeater, and realize automatic linkage configuration, such as identifying strangers and broadcasting on the outdoor doorbell "Tom is not at home, please come back tomorrow".



Various abnormal state alarms—When the doorbell is disassembled, the outdoor ambient temperature is abnormally high/low temperature, the people stay at the door, the battery power is low, etc., the alarm state can be flexibly configured to remind the owner to pay attention to the safety status of the door and the working condition of the equipment.



Set masking area—Privacy protection can be set for up to 3 designated areas in the screen. After setting, the designated areas in the live screen and video screen will be blocked, which can protect the privacy of neighbors. This function is fully considered for users living in apartment buildings.

Get a Custom Set.

(Just for your reference, please do not publish.)

Problem/Feature Description	Problem Solved/Optimized Content	Estimated launch time	Remark
Merging multiple faces	Merge the same face under one name for faster automatic configuration	Feb. 2023	
Matter Supported	Yes	H2 2023	
Door Lock Linkage	Confirmed to be ready by the launch of U100 smart lock (North America, Australis, South-East Asia only)	Q2 2023	
Support NAS	Yes	TBD	
Message push with pictures (Rich notifications)	Like the HomeKit message, add the event picture captured by the doorbell at the end of the text message.	TBD	Technical solutions to be evaluated.



Scene 1:

*Need extra Zigbee Hub

Heading	Automations triggered by face detection*
Description	Smart home control has become tailored: if you enter your home, only devices you need will be controlled automatically. Also, you will be able to configure different actions that will be triggered in case your family member, dog walker or any other particular person is detected.
Devices	Video Doorbell G4 + Hub + Controllers

Scene 2:

Heading	G4 is a viable part of Aqara Home alert system*
Description	Together with the Aqara Zigbee hubs, the G4 will become not only a security camera that will record what is happening on your porch, but also a loud 95 dB siren that will alarm in case a break in, vibration, water leak or other events are detected.
Devices	Video Doorbell G4 + Hub + Sensor

Scene 3:

Heading	Contactless doorbell for maximum safety
Description	Just make an automation that will play a pre-recorded custom ringtone to the G4's main unit when an unknown person is detected on the porch (for example, "Dear guest, stay for 5 seconds more, and the doorbell will ring automatically"), and the doorbell will ring the bell without needing to touch it!
Devices	Video Doorbell G4

Thank you

