Aqara Camera Hub G5 Pro (PoE) /
Aqara Camera Hub G5 Pro (Wi-Fi)
Suggested Slogan: Clearly capturing the unexpected day and night

Marketing Text:

The Camera Hub G5 Pro (Wi-Fi/PoE) takes outdoor security to the next level with its advanced image quality and powerful AI recognition capabilities. Designed to enhance your smart home experience, it features a built-in Zigbee hub, Matter Controller, and Thread Border Router, making it a versatile centerpiece for your ecosystem. Available in both Power over Ethernet (PoE) and Wi-Fi versions, it ensures rock-solid stability and flexibility. With End-to-End encryption for top-notch security and seamless compatibility with leading platforms like HomeKit Secure Video, Google Home, and Amazon Alexa, the G5 Pro delivers cutting-edge convenience and peace of mind.*

Disclaimers*:

1）To use the device with a particular Matter ecosystem, a Matter Controller of this ecosystem is required.

2）The 32 GB eMMC version is rated for 24–28 hours of the event-based recording.

3）Please note: only one month of Correlated Events is available for free. (This new rule for cloud storage trial will be launched together with all the future Camera Products.)

4）Please note: the PoE version does not include Wi-Fi connectivity and requires an Ethernet wiring.

Selling Points: （The selling points are ranked based on their priorities.）

- **First Aqara Outdoor Camera Hub with Zigbee & Thread:** The G5 Pro is a powerful hub that works as a Matter Controller, Matter Bridge, and Thread Border Router, ensuring smooth compatibility with the latest smart home ecosystems. It supports Aqara Zigbee and Thread devices as well as third-party Matter devices, allowing you to create local automations and connect with platforms like Apple Home, Alexa, and Google Home for a smarter, more convenient home. It also acts as a mesh repeater to boost your network's reliability and coverage.

- **Advanced On-Device AI: Visual Features + Audio Features:** Thanks to its built-in Neural Processing Unit (NPU), the G5 Pro simultaneously offers visual detection—recognizing faces, vehicles, people entering its field of view, and lingering behavior—and sound detection—listening for babies crying, alarms, barking, and coughing—allowing you to record key events and trigger automations locally even during internet outages, thereby enhancing the intelligence and reliability of your smart home system.

- **Premium True Full-Color Night Vision:** The G5 takes night vision to the next level with a graphene-cooled 1/1.8" sensor and advanced True Color Night Vision technology, delivering crystal-clear, high-definition images in low-light conditions. Enjoy stunning image quality with 4-megapixel 2.6K (1520p) resolution, a wide 133° field of view, and a groundbreaking f/1.0 aperture that captures 4 times more light than standard lenses, ensuring brighter and more detailed visuals at night. With a built-in spotlight, the G5 not only lights up dark areas but can also be set to deter intruders automatically, providing enhanced security and peace of mind.

- **Privacy and Security with the HomeKit:** The G5 Pro stands out with seamless integration into Apple HomeKit Secure Video, offering unparalleled privacy and security. With End-to-End encryption, video streams never reach the cloud, including iCloud, ensuring full control over your data. Events like people, pets, vehicles, or packages are analyzed locally on Apple TV or HomePod, keeping recordings private and confined to your home. True-Color Night Vision delivers vibrant clarity for reliable monitoring, while encrypted local storage and flexible backup options to NAS, Aqara Cloud, or iCloud provide secure and adaptable solutions for your surveillance needs.

- **Superior Wired Connectivity and PoE (only for PoE Version):** The G5 Pro (PoE) offers versatile connectivity with an Ethernet RJ45 port, enabling both data transfer and power supply for greater connection stability and extended range. It's perfect for users with existing PoE wiring, making it a seamless upgrade from traditional surveillance systems. For added convenience, it also includes a 5V/2A USB-C port for non-PoE setups, ensuring flexibility to suit any installation needs.

- **Superior Dual-Band Wi-Fi Connectivity (only for Wi-Fi Version):** The G5 Pro (Wi-Fi) is equipped with a dual-band 2.4/5GHz Wi-Fi module, ensuring better compatibility and reduced interference for a smoother connection. It also supports the WPA3 standard, offering enhanced security for your network. Powered via a 5V/2A USB-C port, it provides added flexibility, allowing users to easily use cables of their preferred length for convenient setup.

- **Local Storage and RTSP Support**: The G5 Pro combines secure and flexible surveillance features with advanced storage options. Its 32 GB encrypted eMMC storage enhances water resistance and reliability, while NAS (Network-Attached Storage) support allows users to expand storage effortlessly, creating customized solutions. With RTSP (Real-Time Streaming Protocol), it integrates seamlessly with Home Assistant, NVRs (Network Video Recorders), and VLC (VideoLAN Client) players for tailored setups. Compatibility with Alexa, Google Home, and SmartThings ensures smooth smart home integration, while robust local streaming and scalable storage options make the G5 Pro a reliable choice for advanced surveillance.

- **Flexible Streaming and Installation**: The G5 Pro offers versatile streaming and installation options, supporting Real-Time Streaming Protocol for secure, low-latency

video streaming within a local network and seamless integration with platforms like Home Assistant, Alexa, Google Home, and SmartThings, while its rotatable stand allows for flexible mounting on walls, ceilings, or tables and is compatible with standard 1/4 threaded screws for added customization.

- **Reliable in Extreme Environments:** The G5 Pro features an IP65-rated water and dust-resistant housing, making it suitable for both indoor and outdoor use. Built to withstand extreme conditions, it operates reliably even in temperatures as low as -30°C (-22°F), ensuring your home stays protected through the harshest winters.

- **Advanced Outdoor Monitoring with Privacy and Customization:** The G5 Pro delivers advanced outdoor monitoring with a 100 dB speaker and reliable two-way communication, enabling users to interact with visitors or deter intruders effectively. Its high-sensitivity microphone (-33dB) ensures clear audio capture, while features like Privacy Masking for up to three zones, Correlated Events for quick tracking, and customizable alerts provide tailored surveillance. Seamlessly integrated with the Aqara Home app, the G5 Pro also offers Anti-Theft Protection and event automation, making it a secure, innovative, and interactive monitoring solution.

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5) G5 Pro doesn't support the microSD storage.

Automations:

1	Heading	Local security automations with Aqara devices
	IF THEN	IF Unknown person detected in your garden THEN Start blinking with a spotlight, trigger a custom ringtone "Intruder detected, you're being recorded", and turn on the lights at home
	Description	You will be able to set up different automations based on your presence at home, for example, when you are away, the Camera G5 Pro will try to scare an intruder and make the Aqara indoor smart lights to pretend that the home is not empty.
	Devices	Camera Hub G5 Pro + Ceiling Light T1M + LED Strip T1

2	Heading	Only recording when it is necessary
	IF THEN	IF motion is detected by Sensor THEN Start audio recording
	Description	The G5 Pro has revamped the Correlated Events feature, making it easier for users with added guidance. It now allows cloud video recordings triggered by associated devices. All Aqara smart devices can trigger the camera to record or send notifications, greatly expanding the event types. The new filtering options enable searches based on room, device type, tag color, and event time, improving event review efficiency.
	Devices	Camera Hub G5 Pro + Motion Sensor P1 + Door and Window Sensor
3	Heading	Creative way to use pet detection with an outdoor camera
	IF THEN	IF Pet is detected at night THEN turn on the garden sprinkler
	Description	Thanks to the Aqara Home easy to use IF-THEN automation engine, you will be able to solve various kinds of problems, such as neighbor's cat visiting your garden against your will: the sprinkler controller can be triggered for this purpose.
	Devices	Camera Hub G5 Pro + Sprinkler Controller (controlled by the Aqara Relay T2)
4	Heading	Seamless indoor-to-outdoor automation
	IF-THEN	IF G5 Pro recognizes a specific face. THEN Turn on LED Bulb T2 and Curtain Driver E1
	Description	When the G5 Pro detects a family member arriving home outdoors, it can automatically trigger indoor lighting and curtains. This creates an experience where smart automation is activated even before stepping through the door.
	Devices	Camera Hub G5 Pro + LED Bulb T2 + Curtain Driver E1

Specifications:

Product Name	Aqara Camera Hub G5 Pro (PoE)
Model	CH-C03D
Resolution	Quad HD 2688×1520
Image Sensor Size	1/1.8"
Field of View (FOV)	133° (Diagonal)
Aperture	f/1.0
Power Input	USB-C: 5V 2A / PoE: 48V 0.27A
PIR Detection Angle	Horizontal 100°, Vertical 65°
Spotlight	Rated Power: 3W, Beam Angle: 120°, Color Temperature: 3000K
Communication Protocols	Ethernet IEEE 802.3af Zigbee &Thread IEEE 802.15.4 Bluetooth (support MagicPair)
Dimensions	70.5×70.5×89 mm (2.78×2.78×3.50 in.) - stand not included
Operating Temperature	-30°C ~ +50°C (-22°F ~ 122°F)
Operating Humidity	0 ~ 95% RH, No Condensation
Free Cloud storage trial	30 days (device first time connect to the Internet)
What's in the Box	Camera Hub G5 Pro (PoE)×1, User manual × 1, Wall Screws (M3 × 20 mm, self-tapping) & Anchors Kit (32 mm)× 1, Rear lid opener × 1, Power cable × 1, RJ45 Waterproof Kit × 1

Product Name	Aqara Camera Hub G5 Pro (Wi-Fi)
Model	CH-C07D
Resolution	Quad HD 2688×1520
Image Sensor Size	1/1.8"
Field of View (FOV)	133° (Diagonal)
Aperture	f/1.0
Power Input	USB-C: 5V 2A
PIR Detection Angle	Horizontal 100°, Vertical 65°
Spotlight	Rated Power: 3W, Beam Angle: 120°, Color Temperature: 3000K
Communication Protocols	Wi-Fi IEEE 802.11 b/g/n/ac 2.4-5 GHz, Zigbee & Thread IEEE 802.15.4 Bluetooth (support MagicPair)
Dimensions	70.5×70.5×89 mm (2.78×2.78×3.50 in.) - stand not included
Operating Temperature	-30°C ~ +50°C (-22°F ~ 122°F)
Operating Humidity	0 ~ 95% RH, No Condensation
Free Cloud storage trial	30 days (device first time connect to the Internet)
What's in the Box	Camera Hub G5 Pro (Wi-Fi)×1, Rear lid opener × 1, Wall Screws (M3 × 20 mm, self-tapping) & Anchors Kit (32 mm)× 1, Power cable × 1, User manual × 1