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Aqara Panel Hub S1 Plus

The Aqara Panel Hub S1 Plus EU is a high-end, whole-house smart control panel with a built-in wall switch function. It supports both touchscreen and app control. Its 6.9-inch screen enables whole-house lighting and temperature control and supports video streaming from Aqara doorbells and cameras. With customizable dashboards, users can easily get started. Additionally, it functions as a Matter Bridge and Zigbee 3.0 Hub, providing seamless integration with third-party ecosystems and Aqara sub-devices.

1. **All-in-one Control Panel:**
   Equipped with 2 built-in relay switches and 6 wireless switches①, this panel enables centralized management of your smart Aqara devices②. It automatically configures personalized dashboards based on the devices in your home, allowing for quick setup. Users can fine-tune parameters, including precise CCT/RGBIC adjustments for lights, custom curtain settings, and thermostat temperature levels.

2. **Matter Bridge & Zigbee 3.0 Hub:**
   This smart panel doubles as a powerful Aqara Zigbee hub, compatible with dual-band Wi-Fi (2.4GHz & 5GHz), enabling efficient collaboration with a wide range of Aqara sub-devices. Matter over Bridge② connects Aqara Zigbee devices to ecosystems like Apple Home, Alexa, and Google Home.

3. **Camera Streaming③:**
   Users can stream video from the Aqara Smart Doorbell G4 to see visitors and engage in two-way communication directly from the panel. Additionally, they can unlock Aqara smart door locks via the screen and manage multiple Aqara cameras, enhancing coordination and efficiency in smart home management.

4. **Editable Card Function and Flexible Dashboards④:**
   Users can quickly add devices and arrange scenes on the screen through customizable cards and board themes. With support for up to 10 dashboards, users can copy existing setups from the Aqara Home app, creating a personalized and convenient user interface.

5. **Power Monitoring:**
   The panel tracks power consumption of connected devices, offering daily, weekly, and monthly reports in Aqara Home. Users can use these insights to optimize electricity usage, promoting sustainable energy practices.

6. **Proximity Screen Activation:**
   This feature triggers the screen based on distance, up to 2.5 meters away, enhancing interactivity while reducing light pollution. Auto-brightness settings ensure optimal visibility and eye protection. Users can configure automations based on proximity for added convenience.

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Disclaimers:

① This feature may be unavailable in some third-party Matter ecosystems. For guaranteed functionality, use Aqara Home.
② A Matter Controller is required for compatibility with specific Matter ecosystems.
③ At launch, only Aqara cameras can stream, with one camera feed displayed at a time.
④ Each dashboard supports up to 60 cards, including devices or scenes. Dashboards can be copied from the Aqara Home app. Compatibility may vary.
⑤ Proximity activation distance offers 10 customizable settings, adjustable in Aqara Home.

Automations:

1. **Secure Welcome Home Routine:**
   IF: Video Doorbell G4 is triggered.
   THEN: Display live video feed on the panel.
   Description: Enhance security and convenience by instantly responding to visitors.
   Devices: Panel Hub S1 Plus EU, Video Doorbell G4.

2. **Evening Relaxation:**
   IF: "Night" scene is activated.
   THEN: Dim Ceiling Light T1M to 30%, lower Roller Shade T1S to 80%, and activate the Air Purifier via Smart Plug EU.
   Description: Create a cozy atmosphere for relaxation after a long day.
   Devices: Panel Hub S1 Plus EU, Ceiling Light T1M, Roller Shade T1S, Smart Plug EU.

3. **Night Security Mode:**
   IF: A Door/Window Sensor detects an open window at night.
   THEN: Trigger a custom alarm and turn on the living room Ceiling Light T1M.
   Description: Boost home security with real-time alerts and automatic actions.
   Devices: Panel Hub S1 Plus EU, Door/Window Sensor T1, Ceiling Light T1M.

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Specifications:

- **Product Name:** Panel Hub S1 Plus EU

- **Model:** MP-K03D

- **Dimensions:** 172 × 86 × 42.2 mm (6.77 × 3.39 × 1.66 in.)

- **Wireless Protocols:** Wi-Fi IEEE 802.11 a/b/g/n/ac (2.4GHz/5GHz), Zigbee IEEE802.15.4, Bluetooth

- **Resolution:** 1440 × 720

- **Input Power:** 200–240 V, 50/60 Hz, Max 8 A (Resistive Load)

- **USB-C Input:** 5V 2A

- **Rated Load:** Single channel: up to 300W; Dual channel: one channel supports up to 200W, the other up to 100W

- **Operating Temperature:** -10 ℃ ~ 40 ℃ (14 ℉ ~ 104 ℉)

- **Operating Humidity:** 0 ~ 95% RH, no condensation

- **In the Box:** Panel Hub S1 Plus × 1, User Manual × 1, Compliance Statement × 1, Screw Kit × 2