

Aqara Dimmer Switch H2 EU

Marketing Text:

A multi-function dimmer switch with a rotary dial designed for ultimate compatibility and convenience, supporting both Zigbee and Matter over Thread protocols for seamless integration with third-party ecosystems. It can work with or without a neutral wire. It is compatible with various lamps, including incandescent, halogen, dimmable LEDs and CFLs. Users can switch dimming modes according to load types to achieve optimal dimming and maintain stable operation of the equipment. Remote control, scheduling, power monitoring and other functions can be achieved through the application.

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

- **Thread/Zigbee Support:** The device features dual protocol support. In Thread mode, no Aqara hub is required to connect to third-party Matter ecosystems^①, while Zigbee mode^② unlocks exclusive Aqara features and ensures backward compatibility with classic Aqara Zigbee hubs. The flexible protocol switching^③ lets users enjoy Matter integration or Aqara's advanced functionalities based on their preference.
- **2-in-1 Neutral for Hassle-free Installation:** Whether your home has a neutral wire or not, this switch is designed for hassle-free installation. It supports both no-neutral and with-neutral wiring setups, eliminating any concerns about:
 - ① To use the device with a particular Matter ecosystem a Matter Controller of this ecosystem
 - ② Aqara hub is required when using Zigbee mode.
- ③ To switch protocols, you need to factory reset the device.
- ④ This feature might be unavailable in some or all third-party Matter ecosystems, but is indeed supported by the device. To guarantee its functionality, we suggest using the Zigbee mode and connecting the device to an Aqara hub.
- ⑤ Transition setting can allow users to tailor how quickly or slowly your lights change from off to on, or vice versa, ensuring every lighting transition fits the mood and activity. With adjustable settings ranging from instant (0 seconds) to a deliberate fade (up to 10 seconds), you have the freedom to create the perfect atmosphere for every occasion. Upon switching on, lighting will increase from 0 to 100% in 1.5 seconds. This feature might be unavailable in some or all third-party Matter ecosystems, but is indeed supported by the device. To guarantee its functionality, we suggest using the Zigbee mode and connecting the device to an Aqara hub.
- ⑥ MLV is incompatible. Minimum Power: 4W (Aqara Home via Matter), 9W (other methods), general purpose. When only using a 4W light bulb in Aqara Home, please set the maximum brightness to 70%-75% to prevent flickering.
- ⑦ The dial control unit measures 55 × 55 mm without the frame, fitting perfectly into the Aqara Switch Frame H2 EU (our European standard 55 mm frame coming soon).
- ⑧ With-neutral wiring is required for power monitoring. This feature might be unavailable in some third-party Matter ecosystems, but is already supported by the device. To guarantee its functionality, we suggest using the Zigbee mode and connecting the device to an Aqara hub.
- ⑨ Please note: the feature might be unavailable in some or all third-party Matter ecosystems, but is already supported by the device. To guarantee this functionality, we suggest using the Zigbee mode and connecting the device to an Aqara hub. Maximum Brightness setting is only available in Zigbee mode.

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Automation:

| | | |
|---|-------------|---|
| 1 | Heading | Automatic Lighting when Get Home at Night |
| | IF THEN | WHEN the time is between 6:00 PM and 6:00 AM IF The door lock is unlocked THEN Turn on the light in the corridor Turn ON the light in the living room WHEN detect absence for 2 min in the corridor THEN Turn off the light in the corridor |
| | Description | When users return home at night, after unlocking the door, the house lights will automatically turn on, helping users to enter the house more safely. When returning home at night, the warm light can reduce the fatigue of the day. |
| | Devices | Dimmer Switch H2 EU +Smart Lock U200 + Hub M3 |
| 2 | Heading | Adaptive Light Adjustment in Wake-up Mode |
| | IF THEN | WHEN 7:00 (weekday) THEN Set brightness to 30% (switch stay off) Play wake-up ringtone (Hub M3) WHEN 7:30 (wake-up deadline) THEN Set brightness to 20% in 10s later Set brightness to 50% in 10s later Set brightness to 70% in 10 min later Turn off Dimmer Switch H2 EU |
| | Description | When you wake up in the morning and turn the light to the brightest, you will feel uncomfortable waking up from sleep. Now, by gradually adjusting the light |

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| | | brightness, helping users to have a pleasant experience from the moment they wake up. |
| | Devices | Dimmer Switch H2 EU + Hub M3 |
| 3 | Heading | Cinema Mode |
| | IF THEN | IF Turn on the Cinema Mode THEN Set the brightness to 10% Turn ON the projector |
| | Description | When the user selects the cinema mode, the light will automatically adjust to the brightness set by the user, the screen will turn on, and the user can immerse themselves in watching the movie. |
| | Devices | Dimmer Switch H2 EU + Smart Plug + Aqara Hub |
| 4 | Heading | Vacation Mode |
| | IF THEN | IF 19:00 (customize your repeat date and time) THEN Set brightness to 70% Turn off dimmer switch in 50 min later Set brightness to 50% in 50 min later Set brightness to 30% in 50 min later Turn off Dimmer Switch H2 EU |
| | Description | Select holiday mode and the lights will randomly turn on and off when you are away from home to create a scene of someone in your home to avoid theft of your belongings. |
| | Devices | Dimmer Switch H2 EU + Hub M3 |

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Specifications:

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|-----------------------|---|
| Product Name | Dimmer Switch H2 EU |
| Model | KD-R01D |
| Product Dimensions | 86 × 86 × 55.45 mm (3.39 × 3.39 × 2.18 in.) |
| Operating Temperature | 0 °C ~ 40 °C (32 °F ~ 104 °F) |
| Operating Humidity | 0 ~ 95% RH, no condensation |
| Electrical Rating | 220-240VAC, 50/60Hz |
| Minimum Power | 4W (Aqara Home via Matter), 9W (other methods), general purpose |
| Rated Load | Incandescent/Halogen ≤ 300W, Dimmable LED/CFL ≤ 200W |
| Rated Type | Incandescent, Halogen, LED, CFL |
| Wireless Protocols | Thread/Zigbee, Bluetooth |
| What is in the Box | Dimmer Switch H2 EU × 1, User Manual × 1, Compliance Statement × 1, Screw Kit × 1 |