



# Agara

# **DIMMER SWITCH H2 EU**

Multifunctional smart switch with Zigbee and Thread compatibility, lighting control, and energy monitoring

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## **DESCRIPTION:**

Discover the Aqara H2 smart switch, a versatile dimmer compatible with both Zigbee and Thread protocols. It supports installation with a neutral wire, power monitoring, and customizable automation for your smart home. Easily control your lighting via voice command, a mobile app, or programmed routines.

In Thread mode, it connects directly to third-party Matter ecosystems without the need for an Aqara hub. In Zigbee mode, it unlocks Aqara-specific features and remains compatible with Aqara Zigbee hubs.

## **STRENGTHS:**

The new Aqara H2 smart switch combines compatibility, installation flexibility, and advanced features for a high-performance connected home.

- 1. Dual Thread/Zigbee compatibility
  - Supports both Thread and Zigbee protocols.
  - In Thread mode: direct integration with Matter ecosystems without an Aqara hub.
  - In Zigbee mode: access to Aqara-specific features via a hub.
- 2. Installation with or without a neutral wire
  - Compatible with both neutral and no-neutral wiring setups.
  - Easy installation, even in existing environments.
  - Includes overload protection and energy monitoring.
- 3. Multifunctional dial



- Brightness control from 1 to 100%.
- Smooth on/off transitions without flickering (approx. 1.5 seconds).

### 4. Broad lighting compatibility

- Supports a variety of lighting types.
- Forward and reverse phase dimming for wider compatibility.

## 5. 55 mm frame compatibility

- Fits standard 55 mm switch systems.
- Compatible with third-party frames (e.g., Gira, Merten).

# 6. Custom brightness limits

- Allows setting of minimum and maximum brightness levels.
- Prevents flickering and enhances performance.

### 7. Power outage memory

- Automatically restores settings after a power loss.
- Option to keep or reset user preferences.

### 8. Energy consumption monitoring

- Detailed energy usage tracking via the Aqara app.
- Helps build automation rules and energy-saving strategies.

## **CHARACTERISTICS:**

#### Connectivity:

- Supported protocols: Zigbee, Bluetooth
- Wiring: With or without neutral wire
- Compatibility with platforms:
- Agara Home
- Apple Home (via Matter)
- Amazon Alexa
- Google Home
- Samsung SmartThings
- Home Assistant
- Accueillant (Matter)

#### Power supply:

• Nominal voltage: 220-240 V AC, 50/60 Hz

# Minimum power:



- 4 W (via Aqara Home + Matter)
- 9 W (other methods)

### **Nominal load:**

• Incandescent / Halogen: = 300 W

• LED / CFL dimmable: = 200 W

 $\bullet$  Supported bulb types: Incandescent, Halogen, LED, CFL,  $\mu$ 

# Dimensions and weight:

• Product dimensions:  $86 \times 86 \times 55.45$  mm (3.39 × 3.39 × 2.18 inches)

• Weight: 209 g

• Operating conditions:

• Temperature: -10°C to 40°C (14°F to 104°F)

• Humidity: 0 to 95 % RH, non-condensing