



Aqara Multi-State Sensor P100

– FAQ



What can the Aqara Multi-State Sensor P100 do?

The P100 uses high-precision nine-axis sensing to deliver accurate, real-time monitoring of doors, windows, and everyday objects.

You can switch between two modes:

- **Open/Close Monitoring** for doors and windows
- **Object Monitoring** to detect movement, tilt, vibration, drops, or orientation changes

When activity is detected, the P100 can send alerts, trigger alarms, or activate automations—helping you stay informed at all times.

Please note: Object Monitoring Mode is only supported when using the Zigbee protocol.

Can Open/Close Monitoring and Object Monitoring be used at the same time?

No, these two modes use different detection methods and cannot run simultaneously.

Simply choose the mode that best suits your needs.

Object Monitoring Mode is only supported via Zigbee.

Which doors and windows are supported in Open/Close Monitoring mode?

This mode works best with doors and windows that open on hinges or pivot points, including:

- Swing doors
- Casement windows
- Awning windows
- Combination windows



It is not suitable for:

- Sliding doors or windows
- Roller shutters
- Revolving doors
- Drawers

For these, we recommend using **Object Monitoring Mode**, which detects movement, vibration, and position changes instead.

Object Monitoring Mode requires Zigbee.

Can I adjust the sensitivity of the P100?

Yes, you can choose from **10 sensitivity levels** in the Aqara Home app.

This allows you to fine-tune detection based on materials, placement, and your specific use case for more accurate performance.

Can the P100 detect if a washing machine is running?

This is not recommended.

The P100 is designed for use on stable, stationary objects. Placing it on frequently vibrating appliances (like washing machines) may cause constant triggering and significantly reduce battery life.

What should I consider when installing the P100?

The P100 uses a geomagnetic sensor to detect angles.

To ensure accurate performance:

- Avoid installing near strong magnetic fields or electrical currents
- Keep away from motors or high-interference areas

This helps maintain reliable detection.

Which wireless protocols does the P100 support?

The P100 supports both **Thread** and **Zigbee**.

It can be connected to:

- The Aqara Home app
- Third-party platforms that support the **Matter** protocol



When added via Matter, the device functions as a **door and window sensor** for open/close detection only.

Object Monitoring Mode is available via Zigbee only.

How do I connect the P100 using Matter?

1. **Add to Aqara Home app:**
 - Open the app
 - Tap “+” in the top-right corner
 - Follow the on-screen instructions
2. **Add to a third-party platform:**
 - Open the platform’s “Add Device” option
 - Scan the Matter QR code on the device

What features are available when using Matter on third-party platforms?

When connected via Matter, the P100 works as a **door and window sensor**, detecting open and close events.

Advanced features like vibration, tilt, movement, drop, and tap detection are not currently supported on third-party platforms via Matter.

How do I connect the P100 using Zigbee?

1. Open the Aqara Home app
2. Tap “+” in the top-right corner
3. Select the device model
4. Choose Zigbee mode
5. Ensure firmware is updated
6. Select a compatible hub and follow the prompts

Why do I see five “wireless switch” devices in third-party platforms?

When using Zigbee with Matter over bridge (e.g. in Home Assistant), the P100 may appear as five “wireless switches”.

Each represents a different action:

- Vibration
- Movement



- Drop
- Triple tap
- Tilt

Since names may not sync automatically, you can test and rename each one for clarity.

Do I need a hub to use the P100?

Yes, depending on your setup:

- **For Matter:**
You'll need a Thread Border Router and a Matter Controller
- **For Aqara ecosystem:**
You'll need:
 - The Aqara Home app
 - A compatible Aqara hub (Zigbee 3.0 or Matter supported), such as Hub M3 or M100
 - Updated hub firmware

What is the recommended distance from the hub?

For a stable connection, place the P100 within **10 metres (32 ft)** of your Aqara hub.

Is Zigbee2MQTT or other USB dongles supported?

No, these are not officially supported.

While they may work in some cases, full functionality cannot be guaranteed.

How long does the battery last?

Under typical conditions:

- **Zigbee mode:** up to 2–3 years
- **Thread mode:** around 1–1.5 years

Battery life may vary depending on usage, environment, signal strength, and other factors.

How do I replace the battery?

1. Use a **CR2450 3V battery**
2. Press down on the back cover and rotate anticlockwise
3. Tap gently to remove the cover



4. Replace the battery, matching the +/- markings
5. Reattach the cover and rotate clockwise to lock

What are the operating conditions?

- **Temperature:** -10°C to 55°C
- **Humidity:** 0–95% RH (non-condensing)

Very low temperatures may reduce battery performance.

Is the P100 waterproof?

No, the P100 is not waterproof.

Avoid exposure to water or high humidity to prevent damage.

How do I update the firmware?

You can easily update firmware via the Aqara Home app in the device settings.

If your third-party platform doesn't support updates:

- Add the device to the Aqara app
- Update firmware there
- Switching protocol once can sync updates (via Bluetooth, no hub required)