

CLIMATE SENSOR W100



Precision Smart Sensor with LCD Display – Matter, Zigbee, Thread, and Bluetooth Compatibility, 3 Customizable Buttons

REF : AQ-TH-S04D

EAN : 6975833357871

EXISTS IN : WHITE

DESCRIPTION :

A high-precision sensor with a 3.4-inch LCD screen monitors temperature and humidity in real time. Supporting Zigbee and Thread, it integrates with third-party ecosystems or connects via an Aqara hub for extended features like remote HVAC control. With 3 customizable buttons for up to 9 actions, it enhances comfort, energy efficiency, and smart home automation.

STRENGTHS :

- **Dual-Protocol with Matter Compatibility:** Supports both Matter over Thread? and Zigbee?. The Matter compatibility ensures integrating seamlessly with third-party ecosystems such as Apple Home, Amazon Alexa, Google Home, etc. creating a more comprehensive and unified experience that is future-proof and highly adaptable. While Zigbee with an Aqara hub helps users experience exclusive Aqara Home features. You can switch?between desired protocols based on preference.
- **3 Smart Button Customization:** Equipped with 3 customizable buttons, supporting single, double and long press operations, enabling up to 9 automations or scene configurations?. Whether you want to turn on/off your device through wireless control, or switching to comfort mode with one button, the flexibility allows you to easily create an ideal living environment, adjust home comfort in real time.
- **Precision Sensor with LCD Display:** This device features a high-precision temperature ($\pm 0.2?$) and humidity ($\pm 2\%RH$) sensor, along with a 3.4-inch LCD screen for real-time environmental data. It not only enhances home comfort but also ensures optimal conditions for storage, greenhouses and a healthy environment for sensitive groups.
- **External Sensor Integration:** In Zigbee mode, the device can connect to an Aqara temperature and humidity sensor? to display additional data in the secondary screen area?, allowing users to monitor conditions in different locations simultaneously. If no external sensor is connected, the secondary screen area defaults to local temperature and



humidity information, helping users easily understand their environment and maintain a comfortable living space.

- **HVAC Remote Control Integration:** The sensor can be paired with an Aqara thermostat? via an Aqara hub OR a third-party IR air conditioner via Aqara Hub M3 to enable wireless remote control of the HVAC system. This allows you to adjust the temperature, humidity, mode, and other settings directly from the device, automatically adjusting the environmental comfort and improving energy efficiency without actually visiting the HVAC unit.

Long Battery Life with Configurable Performance: Powered by 2 CR2450 batteries, the device delivers an impressive battery life of up to 2.4 years on Zigbee mode and 2.3 years on Thread mode? with regular use. You have the flexibility to adjust the sensor's sampling and reporting frequency? to further balance performance with power consumption. This adaptability ensures reliable, long-term functionality with minimal maintenance, providing a seamless and hassle-free smart home experience.

CHARACTERISTICS :

- **Product Dimensions:** 86 × 86 × 13.65 mm (3.39 × 3.39 × 0.54 in.)
- **Operating Temperature:** -20 °C ~ 60 °C (4 °F ~ 140 °F)
- **Operating Humidity:** 0 ~ 98% RH, no condensation
- **Wireless Protocols:** Thread/Zigbee, Bluetooth
- **What is in the Box:** Climate Sensor W100 × 1, User Manual × 1, Compliance Statement × 1, Screw Kit × 1, Wall Bracket × 1, Desktop Stand × 1