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### qingping wdl-1157

## Qingping Digital Bluetooth Thermometer Hygrometer User Manual

Brand: qingping | Model: wdl-1157

#### 1. PRODUCT OVERVIEW

The Qingping Digital Bluetooth Thermometer Hygrometer is designed to provide accurate, real-time temperature and humidity readings for indoor environments. Featuring an E Ink display for clear visibility from various angles, this compact device offers multiple mounting options and long battery life. It can connect to the Qingping+ app for remote data access and historical data tracking.



Figure 1: Qingping Thermometer Hygrometer and its companion app interface.

#### 2. SETUP

#### 2.1. Battery Installation

The device uses one CR2430 Lithium Metal button cell battery, which is included. To install or replace the battery:

- 1. Locate the battery compartment cover on the back of the device.
- 2. Twist the cover counter-clockwise to open it.
- 3. Insert the CR2430 battery with the positive (+) side facing up.
- 4. Replace the cover and twist clockwise to secure it.

# One Button Cell Lasts 8~12 Months \* With a CR2430 battery, it can normally last 8~12 months in indoor environments (data provided by Qingping lab, the actual standby time may differ depending on the environment and battery).

Figure 2: Battery compartment showing the CR2430 battery.

#### 2.2. Mounting Options

The Qingping Thermometer Hygrometer offers versatile placement options:

- **Desktop Placement:** Open the back cover to an angle of 90 degrees to the body. This allows the device to stand upright on a flat surface.
- Wall Mounting: Use the supplied wall sticker. Attach the sticker to a clean, dry wall surface, then attach the monitor to the sticker. The monitor has built-in magnets, and the wall sticker contains an iron plate for secure attachment.
- Magnetic Attachment: The device has built-in magnets, allowing it to be directly attached to iron surfaces, such as a refrigerator door.



Figure 3: Desktop and Wall mounting configurations.

#### 3. OPERATING INSTRUCTIONS

#### 3.1. E Ink Display

The E Ink display provides clear, paper-like readings of temperature and humidity. It offers ultra-wide viewing angles and high contrast for easy readability from various positions in a room.

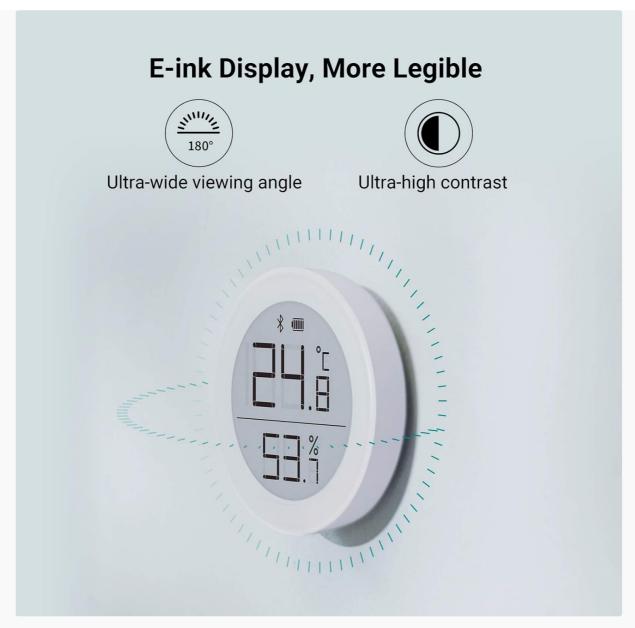


Figure 4: Features of the E Ink display.

#### 3.2. Switching Temperature Units

To switch between Fahrenheit (°F) and Celsius (°C), press the button located on the back of the product.

#### 3.3. App Connection and Remote Monitoring (Qingping+ App)

To access temperature and humidity data remotely, download the Qingping+ app from the Google Play Store or Apple App Store. A Qingping Bluetooth Gateway (sold separately) is required for remote access functionality.



Figure 5: Remote monitoring via the Qingping+ app.

#### 3.4. Historical Data Recording

The device tracks and saves data for up to 30 days. This historical data can be viewed as graphical statistics within the Qingping+ app and can also be exported in CSV format if needed.



Figure 6: Historical data viewable in the Qingping+ app.

#### 4. MAINTENANCE

#### 4.1. Battery Life and Replacement

The device features low power consumption, providing approximately 10 months of battery life in normal indoor environments. When the battery is low, a battery icon will appear on the display. Refer to Section 2.1 for battery replacement instructions.

#### 4.2. Care and Cleaning

To ensure accurate readings and prolong the device's lifespan:

- Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- Avoid placing the product in environments with humidity consistently higher than 90% for long-term use, as this may affect performance.
- Do not block the vent hole on the bottom of the product.

#### 5. Troubleshooting

• Inaccurate Readings:

- Ensure the device is placed in a stable environment, away from direct sunlight, drafts, or heat sources.
- Allow approximately 15 minutes for the readings to stabilize after initial setup or significant environmental changes.
- Verify the vent hole on the bottom of the product is not blocked.

#### • Display Issues (e.g., "188" displayed):

 This indicates a factory reset or an error. Press and hold the button on the back of the product until the screen displays "188", then release. Wait for the product to return to correct temperature and humidity readings.

#### • No Data in App / Connection Issues:

- Ensure Bluetooth is enabled on your smartphone and the device is within range.
- For remote access, confirm that a Qingping Bluetooth Gateway is properly set up and connected.
- Check the battery level of the device.
- Restart the Qingping+ app and/or your smartphone.

#### 6. SPECIFICATIONS

Feature	Detail
Model Number	wdl-1157
Dimensions	2.91 x 0.63 x 2.91 inches
Weight	3.53 ounces
Temperature Range	32 ~ 122°F (0 ~ 50°C)
Humidity Range	0% ~ 99.9%RH (under no condensation circumstances)
Temperature Accuracy	0.1°
Battery Type	1 x CR2430 Lithium Metal (included)
Battery Life	Approx. 10 months (in normal indoor environments)
Connectivity	Bluetooth Low Energy
Data Storage	Up to 30 days (viewable in Qingping+ app)

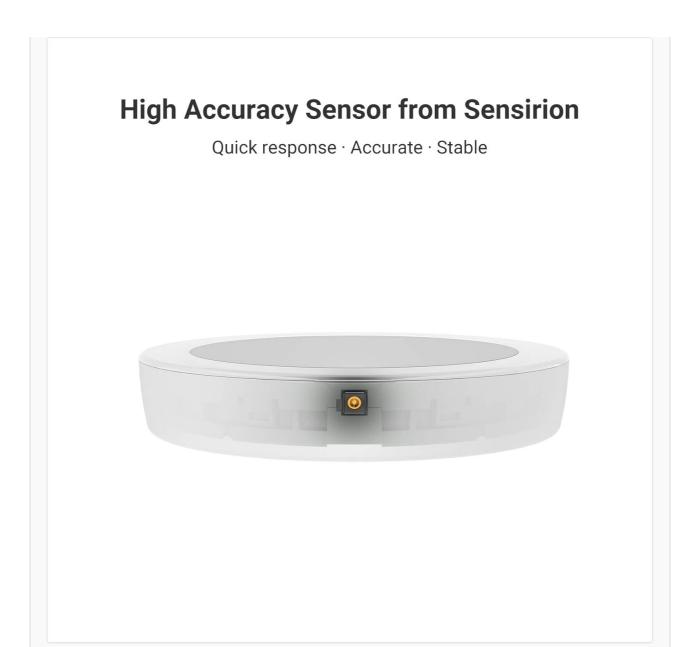


Figure 7: High accuracy sensor from Sensirion.

#### 7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product packaging or visit the official Qingping website. Keep your purchase receipt for warranty claims.

For further assistance, you may also contact Qingping customer service through their official channels.

#### Related Documents - wdl-1157



#### Qingping Temp & RH Monitor T Version CGG1T User Manual

Comprehensive user manual for the Qingping Temp & RH Monitor T Version (Model CGG1T), detailing specifications, setup instructions for desktop and wall modes, connectivity with Apple HomeKit and Qingping+ app, troubleshooting, warranty, and FCC compliance. Includes safety warnings and hazardous substance information.



