

DIGITEN TH30E

DIGITEN Digital Hygrometer Indoor Thermometer User Manual

Model: TH30E

Brand: DIGITEN

INTRODUCTION

The DIGITEN Digital Hygrometer Indoor Thermometer is designed to accurately monitor temperature and humidity levels in various indoor environments. Featuring a unique 360° HD E-Ink screen, it provides clear, eye-friendly readings with low power consumption. This manual provides essential information for setting up, operating, and maintaining your device.



Figure 1: DIGITEN Digital Hygrometer Indoor Thermometer

This image shows the front view of the DIGITEN Digital Hygrometer, displaying temperature and humidity readings on its E-Ink screen. The device is white with a clean, minimalist design, suitable for various indoor settings.

KEY FEATURES

- **360° HD E-Ink Screen:** Provides a clear, paper-like viewing experience from any angle, reducing eye strain and offering low power consumption.

Protect Eyesight

The paper-like comfortable viewing experience helps protect your eyesight.



Figure 2: E-Ink Screen for Eye Protection

This image highlights the E-Ink screen's benefit for eye protection, showing the device on a desk next to a book, emphasizing its comfortable viewing experience.

- **Celsius / Fahrenheit Switching:** Easily switch between temperature units (°C/°F) using a button located on the back of the device.
- **High Accuracy Sensors:** Equipped with imported industrial-grade Swiss SENSIRION digital sensors for precise measurements. Temperature tolerance is ± 0.3 °C (-10.0 °C ~ 60.0 °C), and humidity tolerance is $\pm 3\%$ (0 to 99% RH).



Figure 3: High Precision SENSIRION Sensor

This image displays a close-up of the Swiss SENSIRION digital sensor, illustrating the advanced technology used for accurate temperature and humidity detection.

- **Responsive Readings:** Provides current air condition indicators, aiding in proper temperature and humidity control for health benefits.



Figure 4: Display with Comfort Level Indicators

This image shows the device's display with visual indicators for dry, comfort, and wet humidity levels, along with recommended temperature ranges for comfort.

- **Versatile Placement:** Designed for wide use in various settings such as rooms, offices, wine cellars, and cigar boxes. Features a foldable stand for desktop use and a keyhole for wall mounting.



Figure 5: Hygrometer in Different Environments

This composite image illustrates the hygrometer's versatility, showing it in a baby room, garden, warehouse, office, living room, and cellar, highlighting its suitability for diverse environments.



Figure 6: Wall Mounting Feature

This image demonstrates the wall-hanging capability of the hygrometer, showing the device mounted on a wall next to a bed, indicating its discreet placement options.

SETUP

1. **Unboxing:** Carefully remove the hygrometer from its packaging.
2. **Battery Activation:** The device comes with a pre-installed CR2032 battery. Locate the plastic pull tab at the back of the device and gently remove it to activate the battery. The display should immediately show readings.



Figure 7: Back View and Battery Compartment

This image shows the back of the hygrometer, detailing its dimensions, the foldable stand, and the location of the battery compartment and the Celsius/Fahrenheit switch button.

3. Placement:

- For desktop use, unfold the integrated stand on the back of the device.
- For wall mounting, use the keyhole slot on the back of the device to hang it on a nail or screw.

4. Initial Readings: Allow a few minutes for the device to stabilize and display accurate temperature and humidity readings, especially after moving it to a new environment.

OPERATING INSTRUCTIONS

- 1. Reading the Display:** The E-Ink screen displays current temperature (top) and humidity (bottom). It also shows the high and low records for both temperature and humidity on the right side of the screen.
- 2. Switching Temperature Units (°C/°F):**
 - Locate the small circular button integrated into the circular hole on the back of the thermo-hygrometer.
 - Press this button firmly to toggle between Celsius (°C) and Fahrenheit (°F) temperature units.



Figure 8: Location of °C/°F Switch Button

This image provides a close-up of the back of the device, clearly indicating the position of the button used to switch between Celsius and Fahrenheit temperature readings.

3. **Resetting High/Low Records:** The same button used for °C/°F switching also resets the recorded high and low temperature and humidity values. Press and hold the button for approximately 3 seconds to clear the records.

MAINTENANCE

- **Cleaning:** Wipe the device gently with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Battery Replacement:** When the display becomes dim or stops updating, it's time to replace the CR2032 battery.
 - a. Open the battery compartment cover on the back of the device.
 - b. Remove the old CR2032 battery.
 - c. Insert a new CR2032 battery with the positive (+) side facing up.
 - d. Close the battery compartment cover securely.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Battery is dead or not properly installed.	Ensure the battery pull tab is removed. Replace the CR2032 battery, ensuring correct polarity.
Readings seem inaccurate.	Device has just been moved; sensor needs time to stabilize; external interference.	Allow 5-10 minutes for readings to stabilize after moving the device. Ensure the device is not placed near heat sources, direct sunlight, or strong air currents. Compare with other known accurate devices if possible.
Display not updating.	E-Ink display characteristic; device malfunction.	E-Ink displays update only when a change is detected, which can appear slower than LCDs. If no change is detected for a long period, try moving the device slightly or replacing the battery. If the issue persists, contact customer support.
Cannot switch between °C/°F or reset records.	Button not pressed correctly or device malfunction.	Ensure you are pressing the button firmly and directly into the circular hole on the back. For resetting records, press and hold for approximately 3 seconds.

SPECIFICATIONS

- **Model:** TH30E

- **Brand:** DIGITEN
- **Temperature Range:** -10.0 °C to 60.0 °C (14.0 °F to 140.0 °F)
- **Temperature Accuracy:** ± 0.3 °C
- **Humidity Range:** 0% to 99% RH
- **Humidity Accuracy:** $\pm 3\%$ RH
- **Display Type:** E-Ink Screen
- **Power Source:** 1 x CR2032 Battery
- **Mounting Type:** Wall Mount, Desktop Stand
- **Item Weight:** 3.52 ounces
- **Package Dimensions:** 4.25 x 3.62 x 0.94 inches

WARRANTY AND SUPPORT

DIGITEN provides a one-year warranty for any product quality problems. If you encounter any issues or have questions regarding your DIGITEN Digital Hygrometer, please contact DIGITEN customer support for assistance.

For support, please visit the official DIGITEN store on Amazon or refer to the contact information provided with your product packaging.

[Visit the DIGITEN Store on Amazon](#)