
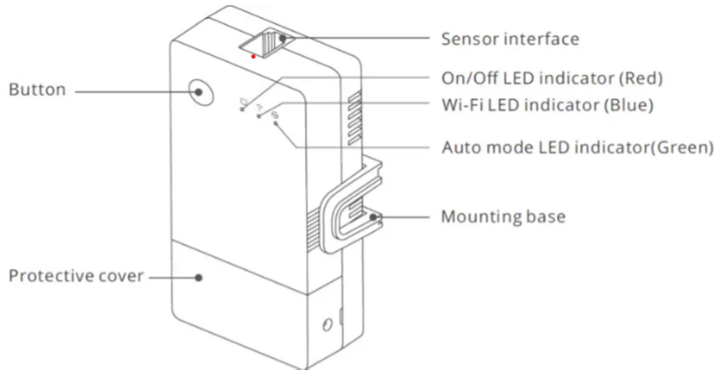


Wi-Fi Temperature and Humidity Controller

Downloading the App

1. **Download eWeLink App** on your smartphone.
 - o Available on Android Play Store or iOS App Store as eWeLink  Smart Home Control.
2. **Register Your Account:**
 - o Use your **email** to register.
 - o A **verification code** will be sent to your email. Enter this code to complete registration & log in.

Pairing the Device



1. **Ensure Strong Wi-Fi Signal:**
 - o Make sure you are close to your **Wi-Fi router**.
 - o **Disable VPN** temporarily if in use.
2. **Open the eWeLink App:**
 - o Plug in the **DTH101 receiver**. The LED will blink **two short and one long flash** repeatedly, indicating it is ready for pairing.
 - o Make sure the **Bluetooth** is on.
 - o Enter your **Wi-Fi ID and password** and click **Next**.
 - o After finding the device (will take less than **one minute**), **select add +** and then click next. You can name and share the device after successful pairing. A **solid blue LED** indicates the device is online.
3. **Troubleshooting Pairing Issues:**
 - o If pairing does not complete within **1-3 minutes**, the device will exit pairing mode.
 - o To restart pairing, press and hold the button on DTH101 for **4-7 seconds** until the LED blinks **two short and one long flash**.
 - o If pairing still fails or shows "**Offline**", refer to the **Problems & Solutions** section.

Testing Device Functionality

- After pairing, you should hear a **clicking sound** when turning the switch **ON/OFF** through the app or manually.
- The button on the **DTH101** can also act as a **manual switch** to control the fireplace.

Features and Functions

1. Remote ON/OFF Control

- Turn your **fireplace ON/OFF** from anywhere using the **eWeLink app** on your smartphone.

2. Professional Timer

- Use the **scheduled, countdown, or loop timer** to turn your fireplace ON/OFF at set times.
- Up to **8 events** can be programmed in the app. Timers will still work even if the internet disconnects from DTH101.

3. Temperature Control

- In **Auto Mode**, monitor real-time temperature and control the fireplace based on set temperature ranges.
- In **Manual Mode**, control the fireplace directly or combine with the timer feature.

4. Multi-User Control

- Share control of the fireplace with multiple smartphones.
- Only the **main user** can add, modify, or delete additional users.

5. Security Mechanism

- No one can add the registered DTH101 to another smartphone without the **main user authorization**.
- To transfer the device to a new user, it must first be **deleted** from the main user's app.

6. Firmware Updates

- The app will notify you when **new firmware** is available. Please update promptly for the latest features.

7. Voice Control

- Go to **Device Settings** and select icons for **Alexa, Google Assistant, Alice, or IFTTT** to integrate voice control.

Settings

- Click on the **settings icon...** (top right corner) to:
 - o **Edit Device Name and Display Switch**
 - o **Update App Version**
 - o **Share Device Control** with new users
 - o Turn on **Push Notifications** to receive alerts when the fireplace is turned ON/OFF.
 - o View **Logs** to check who and when the fireplace was used.
 - o Set the **Power-On State** to **ON, OFF, or Last State** (recommended setting: OFF for safety).
 - o Enable **Inching Mode** for precise control with duration's time of from **0.5s to 3600s**.
 - o Change **Temperature Units** to **Celsius or Fahrenheit**.
 - o Save any changes using the **Save Icon**.

Problems and Solutions

- Device is Paired but Shows “Offline”:**
 - Ensure DTH101 is close to the **Wi-Fi router**. Extend the length of the receiver wires if needed.
 - Restart the **router, smartphone, and DTH101**.
 - If still offline, **delete and re-add** the device.
- Cannot Pair DTH101 with Smartphone:**
 - Ensure **DTH101** and your smartphone are close to the router.
 - Disable VPN** on your smartphone temporarily.
 - Delete and reinstall** the eWeLink app.
 - Restart the **router, smartphone, and DTH101**.
 - Reinstall the app from the **App Store or Google Play**, not from iCloud.
 - Enable **Local Network** for the eWeLink app in your phone settings.

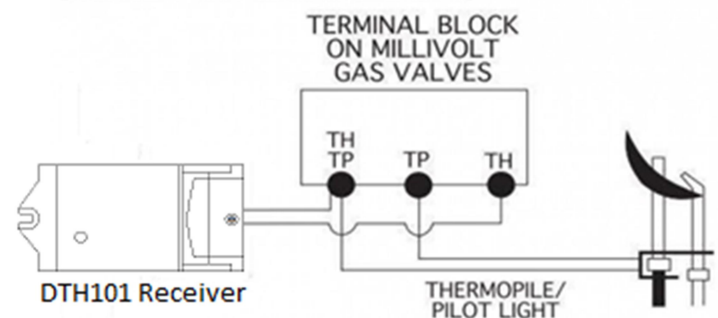
Compatible Mode Pairing

- If the above methods don't work, use Compatible Mode as follows:
 - Add Device: Click on Compatible Pairing at the bottom left of the page.
 - Ensure the LED light is blinking constantly on the device and click Next.
 - The next page will prompt you to adjust the settings on your phone to allow eWeLink to access your local network.
 - Go back to the eWeLink app and click on Go to Connect.
 - Choose ITEAD-xxxxxxx as the network.
 - The password is 12345678.
 - After joining the network, return to the eWeLink app.
- Blue LED Remains Off:**
 - Check for a **loose connection** or a faulty adapter. Replace the adapter if needed.
 - Ensure the **sensor is connected firmly** by twisting and pushing it into place.
 - Device Paired but App Doesn't Show Temperature:**
 - Update the **firmware** if the temperature isn't displayed.
 - Ensure the **sensor is connected firmly**.
 - Fireplace Turns On After Power Loss:**
 - Change the **Power-On State** setting to **OFF** to prevent automatic activation after power restoration.
 - App Doesn't Work Correctly (Red LED On):**
 - Update the App** when prompted.

Wiring and Installation

- Warning:** Opening the DTH101 box will void the warranty, and any modification may cause a fire.
- The device should be installed by a qualified professional following the fireplace or gas valve manufacturer's manual.
- Position the Sensor and Receiver:**
 - Place them away from direct **fireplace heat** but close enough to your **Wi-Fi router**.
 - Extend the length of the sensor or receiver wires if needed (5m extensions are available from ThermoMart).
- Wiring for Gas Valves:**
 - Millivolt Valves:** Connect the two wires from the DTH101 receiver to the **TH and TH/TP terminals** on the gas valve. The receiver act like a wall switch, turning the gas valve ON/OFF

WIRING MILLIVOLT VALVES



- Electronic Spark Ignitions:** Connect the **neutral wire of the 24VAC transformer** to the **TR terminal** on the electronic module. Connect the **hot wire of the transformer** to one wire of the DTH101 receiver, and the other receiver wire to the **TH terminal** of the electronic module.

WIRING ELECTRONIC SPARK IGNITIONS

