

## MOES WR-TY-THR-BK-MS

# MOES Smart Temperature Humidity Monitor with IR Remote Control User Manual

Model: WR-TY-THR-BK-MS

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MOES Smart Temperature Humidity Monitor with IR Remote Control. This device integrates temperature and humidity sensing with universal infrared remote control capabilities, allowing you to monitor your environment and control various IR-enabled appliances via a smartphone application or voice commands.

## 2. PRODUCT OVERVIEW

The MOES Smart Temperature Humidity Monitor is a compact device designed to provide real-time environmental data and smart control. It features an LCD display for immediate readings and connects to your home Wi-Fi network for remote access and automation.



Image 2.1: MOES Smart Temperature Humidity Monitor displaying temperature and humidity, alongside a smartphone showing the companion app interface.

### Key Features:

- **Real-time Monitoring:** Displays current temperature and humidity on an LCD screen.
- **IR Remote Control:** Controls various infrared appliances such as TVs, air conditioners, and fans.
- **Wi-Fi Connectivity:** Connects to 2.4GHz Wi-Fi for remote access via the Tuya Smart or Smart Life app.
- **Smart Automation:** Create rules to automatically control IR devices based on temperature and humidity changes.
- **Voice Control:** Compatible with Amazon Alexa and Google Assistant for hands-free operation.
- **Temperature Unit Switch:** Easily switch between Celsius and Fahrenheit.

### 3. SPECIFICATIONS

Detailed technical specifications for the MOES Smart Temperature Humidity Monitor.

# Product Parameter



Image 3.1: Product dimensions and component labels for the MOES Smart Temperature Humidity Monitor.

Feature	Specification
Product Name	Smart IR Remote Control
Model Number	WR-TY-THR-BK-MS
Dimensions	65mm x 65mm x 17mm (2.56 x 2.56 x 0.67 inches)
Item Weight	3.2 ounces
Power Input	DC 5V/1A (Micro USB, adapter not included)
LED Indicator	Blue
Temperature Accuracy	±1°C
Temperature Measure Range	0°C – 60°C
Work Humidity	±5% RH
Infrared Frequency	38KHz
IR Distance	<10m
Connection	Wi-Fi 2.4GHz
Compatible Devices	Air Conditioner, Humidifier, Fan, TV, Set-top Box, Projector, etc.
Special Features	Voice Search, App Control, Automation

## 4. SETUP

## 4.1 What's in the Box

- MOES Smart Temperature Humidity Monitor
- Micro USB Cable
- User Manual (this document)

## 4.2 Physical Setup

1. **Power Connection:** Connect the provided Micro USB cable to the Micro USB port on the device and plug the other end into a 5V/1A USB power adapter (not included). The device will power on and the LCD display will activate.
2. **Placement:** Place the monitor in a central location within the room where you intend to measure temperature and humidity and control IR devices. Ensure there are no obstructions between the monitor and the IR-controlled appliances. The IR distance is typically up to 10 meters.

## 4.3 App Installation and Pairing

The MOES Smart Temperature Humidity Monitor works with the Tuya Smart or Smart Life app.

1. **Download the App:** Search for "Tuya Smart" or "Smart Life" in your smartphone's app store (iOS App Store or Google Play Store) and download it.
2. **Register/Log In:** Open the app and register for a new account or log in if you already have one.
3. **Add Device:**
  - Ensure your smartphone is connected to a 2.4GHz Wi-Fi network.
  - In the app, tap the "+" icon in the top right corner to add a device.
  - Select "Sensor" or "Universal Remote Control" from the device list, or use the auto-scan feature.
  - **Enter Pairing Mode:** On the MOES monitor, press and hold the "Reset Button" (located at the back, often labeled 'C/F Switch' or 'Reset') for 5-7 seconds until the Wi-Fi icon on the LCD display starts blinking rapidly.
  - Follow the on-screen instructions in the app to connect the device to your Wi-Fi network. This usually involves confirming the blinking indicator and entering your Wi-Fi password.
  - Once successfully paired, the Wi-Fi icon on the monitor will stop blinking and remain solid.

## 5. OPERATING INSTRUCTIONS

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### 5.1 LCD Display Overview

The LCD display provides essential information at a glance:

# Accurate Measurement with Real-time Update without Delay

Clear display about temperature, humidity, date and time

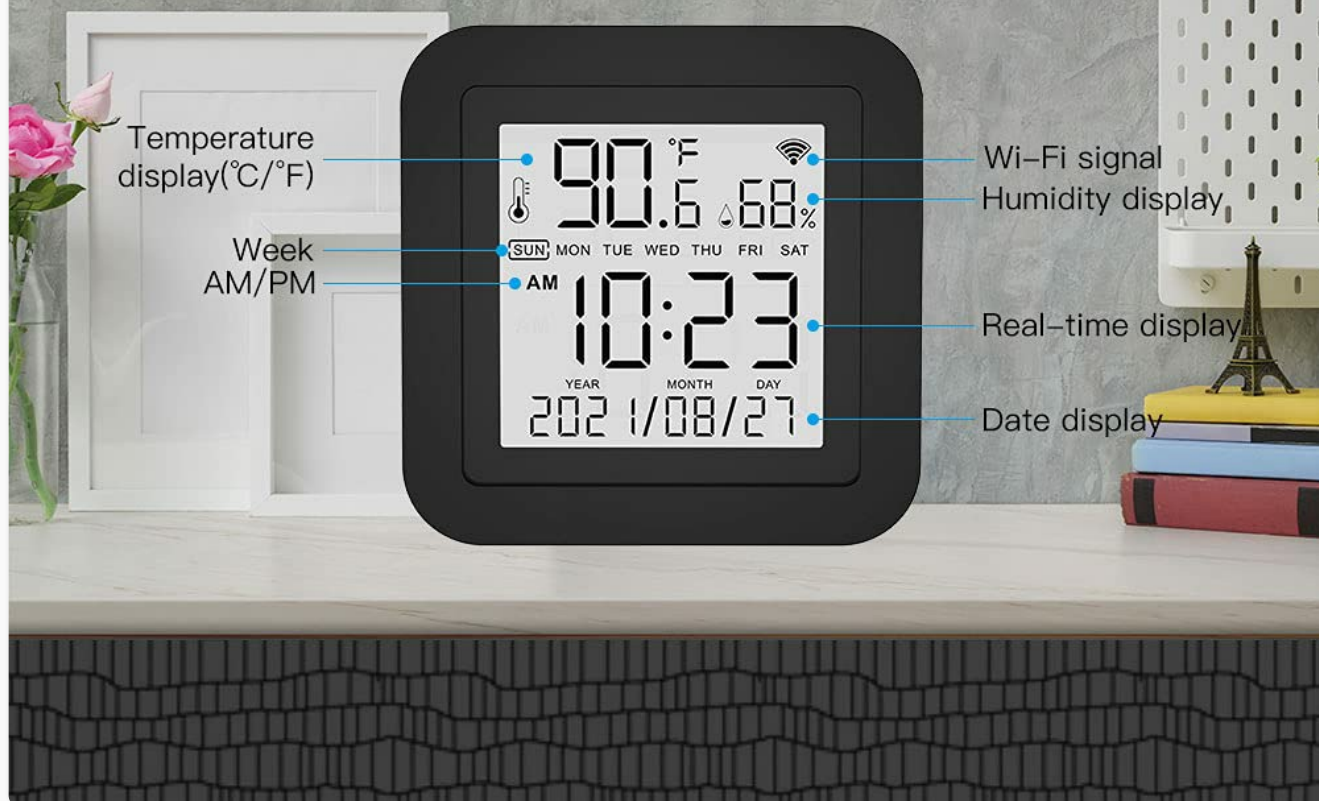


Image 5.1: Detailed view of the LCD display and its indicators.

- **Temperature Display:** Shows the current temperature (in °C or °F).
- **Humidity Display:** Shows the current relative humidity (%).
- **Wi-Fi Signal:** Indicates Wi-Fi connection status.
- **Time and Date:** Displays current time and date.
- **Week/AM/PM:** Shows the day of the week and AM/PM indicator.

## 5.2 Switching Temperature Units (°C/°F)

To switch between Celsius and Fahrenheit, briefly press the "Reset Button" on the back of the device. The unit on the LCD display will change accordingly. This can also be adjusted within the Tuya Smart/Smart Life app.

## One Gentle Touch in Smart Life App to Switch from °C to °F



Image 5.2: Switching temperature units via the Smart Life app.

### 5.3 IR Remote Control Functionality

The device can learn and emit IR signals to control various home appliances.

#### 1. Adding IR Devices:

- In the Tuya Smart/Smart Life app, navigate to your MOES monitor device.
- Look for an option like "IR Remote Control" or "Add Remote".
- Select the type of appliance you want to control (e.g., TV, Air Conditioner, Fan, Set-top Box).
- Follow the app's instructions to either select from a pre-programmed library of remote codes or use the "DIY" (Do It Yourself) function to learn commands from your original remote control.
- For DIY learning, point your original remote at the MOES monitor and press the desired button when prompted by the app.

2. **Controlling Devices:** Once an IR device is added, you can control it directly from the app interface, even when you are away from home.





Image 5.3: Remote control functionality via the smartphone app.

## 5.4 Smart Automation

Leverage the temperature and humidity data to create automated routines for your IR-controlled devices.

1. **Access Automation:** In the Tuya Smart/Smart Life app, go to the "Smart" or "Automation" section.
2. **Create a Scene/Automation:**
  - Select "When device status changes" or "Schedule" as the condition.
  - Choose your MOES monitor and set a condition based on temperature or humidity (e.g., "Temperature rises above 26°C" or "Humidity drops below 50%").
  - For the task, select "Run the device" and choose the IR-controlled appliance (e.g., Air Conditioner, Humidifier). Set the desired action (e.g., "Turn On", "Set Temperature to 24°C").

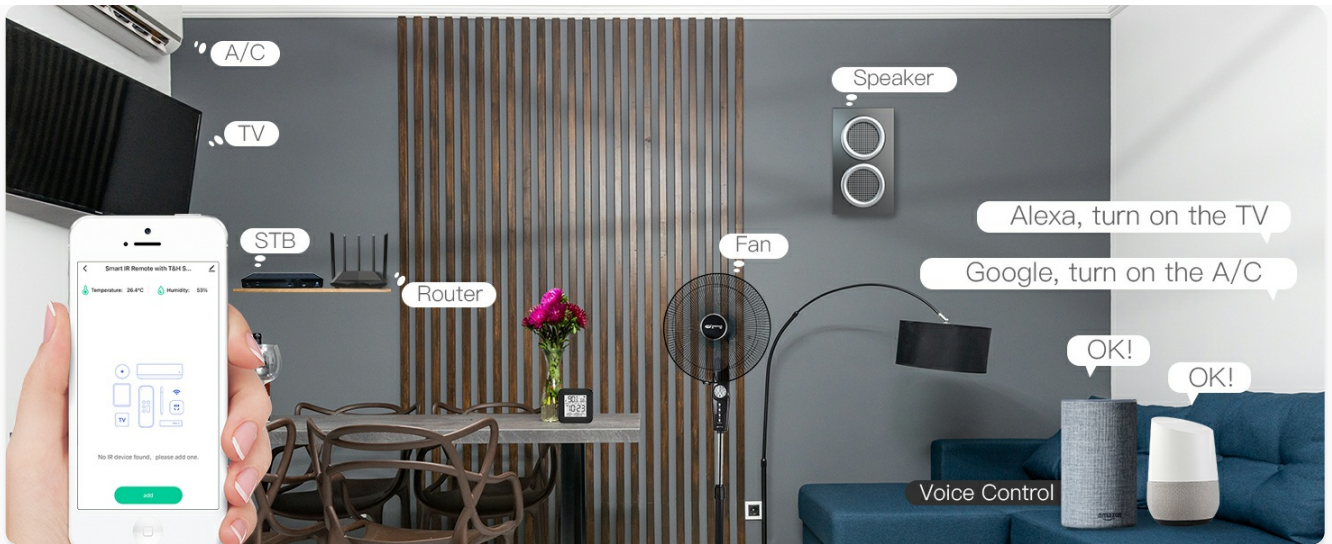


Image 5.4: Example of temperature-based automation for an air conditioner.



Image 5.5: Example of humidity-based automation for a humidifier.

## 5.5 Voice Control

The MOES Smart Temperature Humidity Monitor is compatible with Amazon Alexa and Google Assistant.

1. **Link Accounts:** In the Alexa or Google Home app, enable the "Tuya Smart" or "Smart Life" skill/service and link your account.
2. **Discover Devices:** Once linked, ask your voice assistant to discover new devices. Your MOES monitor and any configured IR devices will appear.
3. **Voice Commands:** You can now use voice commands to control your IR appliances. Examples:
  - "Alexa, turn on the TV."
  - "Hey Google, set the AC to 22 degrees."
  - "Alexa, turn off the fan."



# Voice Control

Compatible with Amazon Alexa and Google Assistant



Image 5.6: Voice control integration with Amazon Alexa and Google Assistant.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or sprays, as they may damage the internal components.
- **Placement:** Avoid placing the device in direct sunlight, near heat sources, or in areas with high humidity to ensure accurate readings and optimal performance.
- **Firmware Updates:** The device's firmware may be updated periodically via the Tuya Smart/Smart Life app. Ensure your app is up-to-date and follow any prompts for device firmware updates.

## 7. TROUBLESHOOTING

Problem	Possible Solution
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Problem	Possible Solution
Device not powering on	Ensure the Micro USB cable is securely connected and the power adapter is working. Try a different USB port or adapter.
Cannot connect to Wi-Fi	<ul style="list-style-type: none"><li>◦ Ensure your Wi-Fi network is 2.4GHz. The device does not support 5GHz Wi-Fi.</li><li>◦ Verify your Wi-Fi password is correct.</li><li>◦ Make sure the device is in pairing mode (Wi-Fi icon blinking rapidly).</li><li>◦ Move the device closer to your Wi-Fi router.</li><li>◦ Restart your router and try pairing again.</li></ul>
IR remote control not working	<ul style="list-style-type: none"><li>◦ Ensure the MOES monitor has a clear line of sight to the IR-controlled appliance.</li><li>◦ Verify that the correct remote code has been selected or learned in the app.</li><li>◦ For DIY learning, ensure the original remote is pointed directly at the MOES monitor during the learning process.</li><li>◦ Check the IR distance (max 10m).</li></ul>
Inaccurate temperature/humidity readings	<ul style="list-style-type: none"><li>◦ Ensure the device is not placed near heat sources (e.g., direct sunlight, vents, appliances) or in areas with extreme drafts.</li><li>◦ Allow the device to stabilize for 15-30 minutes after initial setup or relocation.</li></ul>
Voice control not responding	<ul style="list-style-type: none"><li>◦ Confirm that your Tuya Smart/Smart Life account is correctly linked to Alexa or Google Assistant.</li><li>◦ Ensure devices are discovered in the Alexa/Google Home app.</li><li>◦ Use the exact commands specified or try re-discovering devices.</li></ul>
Device unresponsive / needs reset	Press and hold the "Reset Button" on the back of the device for approximately 10 seconds until the device restarts or enters pairing mode. You may need to re-pair it with the app.

## 8. WARRANTY AND SUPPORT






MOES products are designed for reliability and performance. For warranty information, technical support, or further assistance, please refer to the official MOES website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

**Online Resources:**

- Visit the [MOES Store on Amazon](#) for product updates and related accessories.



Related Documents - WR-TY-THR-BK-MS

	<p><a href="#">Smart IR Remote Control with Temperature &amp; Humidity Sensor - Instruction Manual</a></p> <p>Instruction manual for the Smart IR Remote Control with Temperature &amp; Humidity Sensor (Model: WR-TY-THR). Includes setup, app configuration, product specifications, and warranty information.</p>
	<p><a href="#">Moes Smart IR Remote Control with Temperature &amp; Humidity Sensor Instruction Manual</a></p> <p>Learn how to set up and use the Moes WR-TY-THR Smart IR Remote Control, a universal remote for home appliances with integrated temperature and humidity sensing. Compatible with Smart Life/Tuya App, Amazon Alexa, and Google Assistant.</p>
	<p><a href="#">MOES Smart IR Remote Control with Temperature &amp; Humidity Sensor - Instruction Manual</a></p> <p>Instruction manual for the MOES WR-TY-THR Smart IR Remote Control, featuring temperature and humidity sensing. Learn how to set up and use the device with the Smart Life app for smart home automation.</p>
	<p><a href="#">MOES Smart IR Remote Control with Temperature &amp; Humidity Sensor - Instruction Manual</a></p> <p>Comprehensive instruction manual for the MOES Smart IR Remote Control (Model WR-TY-THR) with temperature and humidity sensing. Learn how to set up, connect to the Smart Life app, and use its features for smart home automation.</p>
	<p><a href="#">MOES MS-103 Smart Temperature and Humidity Switch Module Instruction Manual</a></p> <p>Comprehensive instruction manual for the MOES MS-103 Smart Temperature and Humidity Switch Module. Learn how to set up, connect, and use the device with the Smart Life app for smart home automation, including temperature and humidity control functions.</p>
	<p><a href="#">MOES UFO-R6 WiFi Smart Remote IR-Steuerung: Anleitung und Einrichtung</a></p> <p>Umfassende Anleitung zur Einrichtung, Bedienung und Fehlerbehebung der MOES UFO-R6 WiFi Smart Remote IR-Steuerung. Erfahren Sie, wie Sie Ihre Geräte mit Alexa und Google Assistant steuern.</p>