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EZVIZ CST51C Temperature and Humidity Monitor User Guide

**CST51C Temperature and Humidity Monitor
User Guide**

Contents

Overview

1. **Package Contents**

Temperature & Humidity Monitor (x1)

3M Tape (x1)

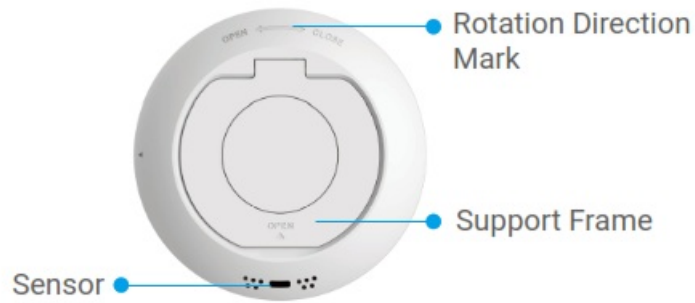
Regulatory Information (x1)

Quick Start Guide (x1)

2. **Basics**

Temperature & Humidity Monitor detects and displays the indoor temperature and humidity and then sends the related data to the linked EZVIZ gateway. After adding the Monitor to EZVIZ APP, you can view the related data on your phone in real-time; moreover, it can trigger other EZVIZ smart products to provide you with smart home life**.**
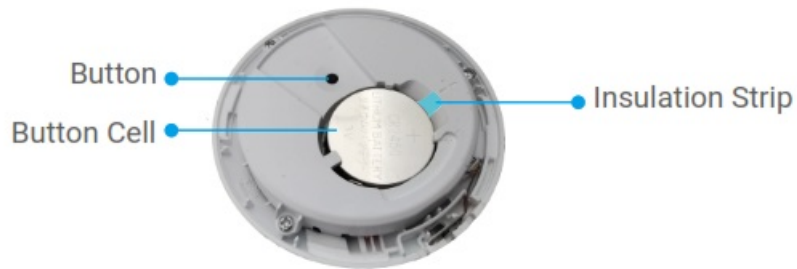
Structure

Front View

Back View

Interior Diagram

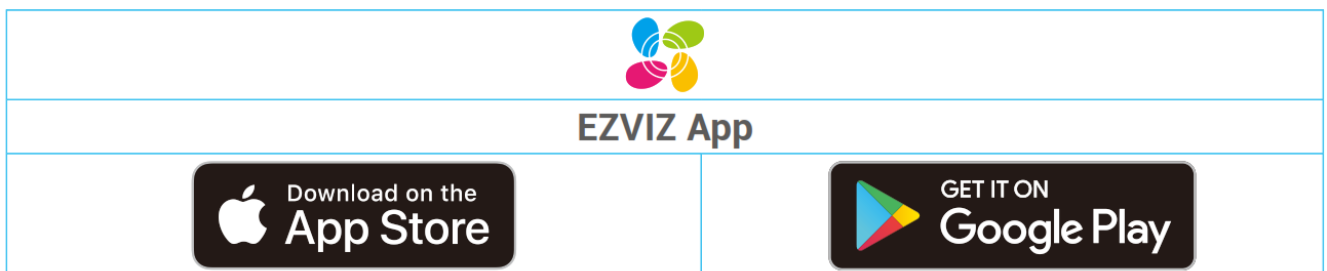| Name	Description
Button	• Press and hold the Button for 5s, and the Temperature & Humidity Monitor will restart and then enter device adding mode; at the same time, the signal icon on the device screen will flash quickly. • Short press the Button to switch the data display between degrees centigrade (℃) and Fahrenheit degree (℉). • Quickly press the Button twice to switch between Normal Mode and High-performance Mode.

Display Screen

Setup

Follow the steps to set your monitor:

1. Get the EZVIZ app.
2. Power on your Temperature & Humidity Monitor.
3. Add the Monitor to your EZVIZ account.

1. **Get the EZVIZ App**
   1. Connect your mobile phone to Wi-Fi (suggested).
   2. Download and install the EZVIZ app by searching for "EZVIZ" in the App Store or Google Play TM.
   3. Launch the app and register an EZVIZ user account.

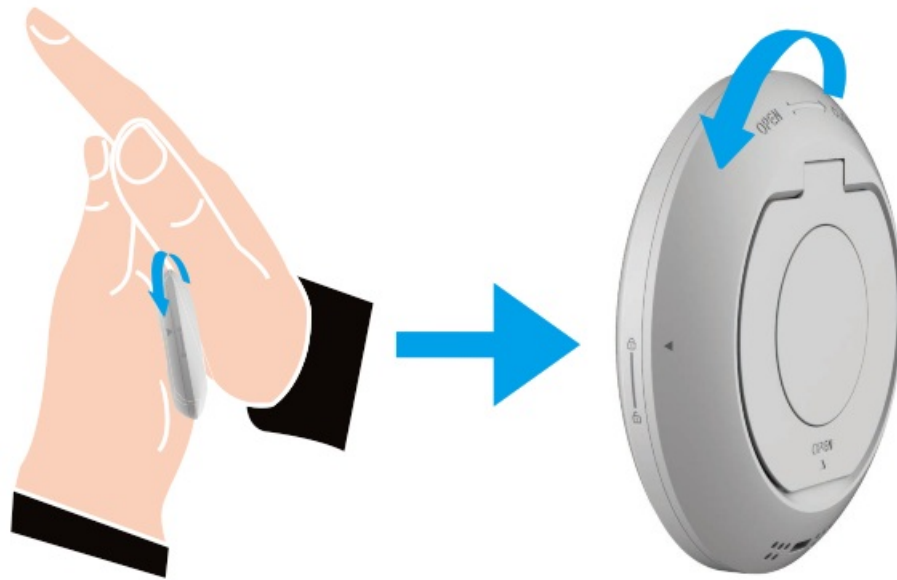| |
|:---:|
| **EZVIZ App** |
| |

ℹ️ If you have already used the app, please make sure that it is the latest version. To find out if an update is available, go to the app store and search for "EZVIZ".

2. **Power on Temperature & Humidity Monitor**

   Step 1 Remove Rear Cover

   Remove the rear cover of the Temperature & Humidity Monitor by rotating it anticlockwise as shown in the figure below.

ℹ️ It is recommended to put the Temperature & Humidity Monitor on your hands to press and twist it by your palm.

Step 2 Remove Insulation Strip

Draw out the battery insulation strip with your hand.

Insulation Strip

ℹ️• Please replace the battery in time when low power prompts on your phone.

• If you need to replace the battery, please purchase one CR2450.

• When replacing batteries, please insert with the positive side facing up.
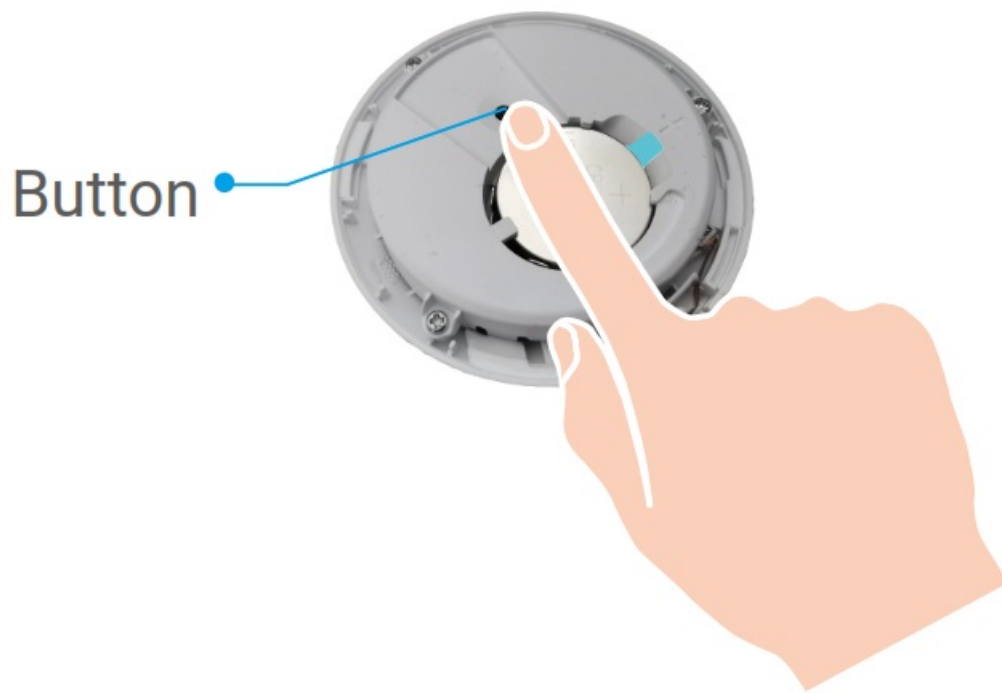
3. **Add Temperature & Humidity Monitor**

ℹ️The Monitor should be used along with EZVIZ Zigbee Smart Gateway (after referred to as "gateway"). Please add a gateway to the EZVIZ Cloud by referring to the gateway user manual, and then add the Monitor to the gateway by following the below steps.

Method One: Add by Scanning QR Code

1. Log in to your account through the EZVIZ app, tap the device adding an icon, and then the QR code scanning interface will be displayed.
2. Press and hold the Button of the Monitor for over 5s till the signal icon on the Monitor screen flashes, and then

the Monitor enters device adding mode.

Button

ⓘThe Monitor will exit the device adding mode automatically over 3 minutes.

3. Scan the QR code on the inner side of the cover or the cover of the user manual, and then add the Temperature & Humidity Monitor to the gateway.

4. Add the Temperature & Humidity Monitor to the gateway by following the wizard on the app.

5. Rotate tightly the rear cover of the Temperature & Humidity Monitor clockwise till the aligning mark ▶ on the rear cover is aligned with the mark 🔒 on the front cover.

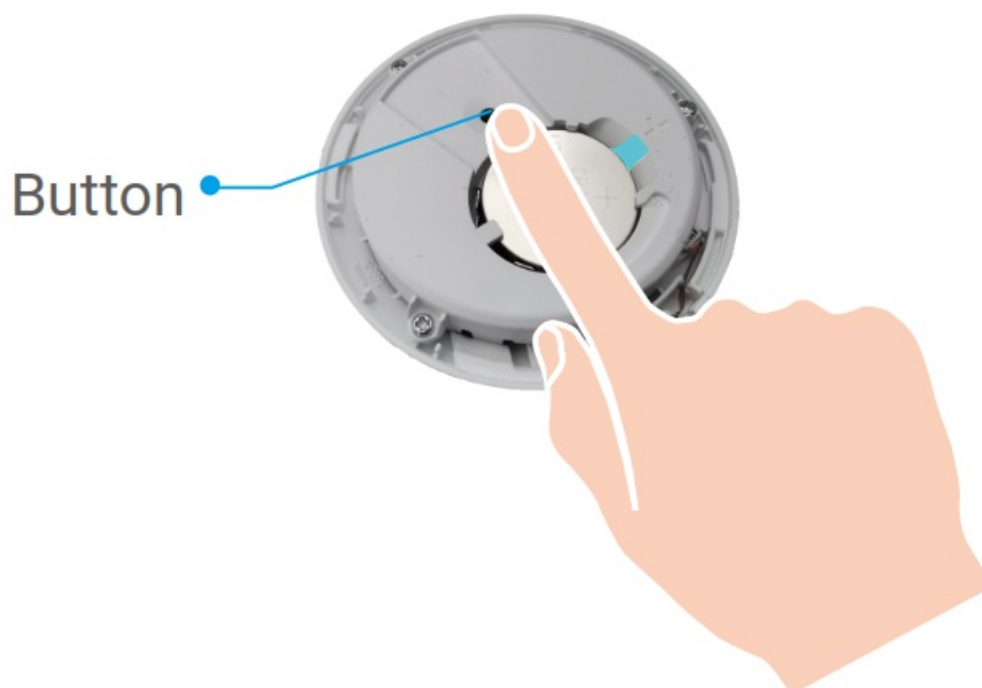**Method Two: Add by the Gateway**
When adding Temperature & Humidity Monitor by the gateway, place the Monitor as close to the gateway as possible.

1. Press the Funtion Button of the gateway to make the gateway enter device adding mode.

2. Press and hold the Button of the Monitor for over 5s till the signal icon on the Monitor screen flashes, and then the Monitor enters device adding mode.

Button

3. The Monitor has been added to the gateway successfully and the gateway prompts adding successfully.

4. After the Temperature & Humidity Monitor is added successfully, rotate the Monitor rear cover clockwise to tighten the rear cover till the aligning mark ▶ on rear cover is aligned with the mark 🔒 on the front cover.
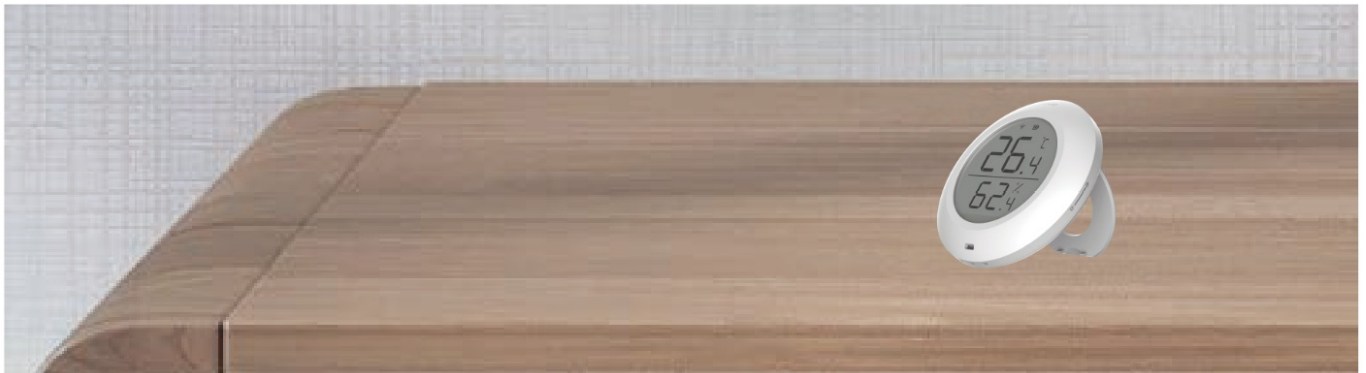

Installation

- ℹ️ Metal will cause ZigBee signal attenuation, so please do not install the Monitor on a metal door, it is recommended to install it on the wall next to the door.
- Do not install the Monitor in an environment with corrosivity or intense magnetic fields.
- It is recommended that the distance between the Monitor and gateway be less than 20m. If there are walls between them, the number of walls should be no more than 2.
- It is recommended to use the Monitor in a house with an area of no more than 200 square meters; if your house is too large, please purchase two or more Monitors for a better user experience.
- Before sticking 3M tape, please swipe the dust on the installation surface to enhance the tape stickiness; do not stick it on a lime wall.

Please place the Monitor on the desktop as you needed, or you can stick it on the wall below 1 meter with 3M tape.

Place on the desktop

Stick on the place you needed (with 3M tape)

Specifications

Working Temperature	-10℃ ~ 60℃
StoringTemperature	-10℃ ~ 60℃
Working Humidity	0%~95%RH
Wireless Protocol	Zigbee 3.0
Battery Type	CR2450
Battery Duration	8 months

For additional information about the device, please refer to **www.ezvizlife.com**.

Operations on the EZVIZ App

The app interface may be different due to version updates, and the interface of the app you installed on your phone shall prevail.

1. **Homepage**

   Launch the EZVIZ app, open the homepage of the related gateway, you can manage your Temperature & Humidity Monitor as needed on the page.

Log	Detection log of the Monitor.

2. **Settings**

Parameter	Description
Device Name	Customize the name of your device.
Temperature/ Humidity Alarm	When enabled, the device will send an alarm message to notice that the temperature or humidity exceeds the set values.
Temperature unit	You can check the current temperature unit of the Monitor.
Performance Mode	You can check the current performance mode of the Monitor.
Related Devices	You can see the gateway connected to your monitor.
Device Information	You can see the device information here.
Share	Share your device.
Delete Device	Tap to delete the Monitor from the EZVIZ cloud.

Regulatory Information

This product and – if applicable – the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the Radio Equipment Directive 2014/53/EU, the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see **www.recyclethis.info.**

2006/66/EC and its amendment 2013/56/EU (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see **www.recyclethis.info.**

EC DECLARATION OF CONFORMITY

Hereby, Hangzhou EZVIZ Software Co., Ltd. declares that the radio equipment type [refer to the cover of the quick start guide] is in compliance with Directive 2014/53/EU.

The full text of the EC DECLARATION OF CONFORMITY is available at the following web link: **http://www.ezviz.com/page/declaration-of-conformity.**

Important Safety Information

▬▬▬	**Direct current.**
📝	Note: Please read the manual before using the device.
📖i	This symbol on the device indicates that the safety compatibility manual and/or installation manual must be read, which contains information related to the safe operation of the device. Caution: Be sure to read these instructions before operating the equipment.
⚡	Warning: For SELV DC input: the DC power source shall comply with the Safety Extra-Low Voltage (SELV) requirements of IEC/EN 60950-1, IEC/EN 62368-1. Warning: The power source should meet limited power source or PS2 requirements according to IEC/EN 60950-1 or IEC/EN 62368-1.
⚠	Warning: If you want to disconnect the device from the power source, please unplug the DC power terminal that connects the power adapter and device. Warning: Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery that can result in an explosion. Warning: Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas. Warning: A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas. Warning: Dispose of used batteries according to the instructions. Warning: Replace only with the same or equivalent type recommended by the manufacturer. Caution: THE PRODUCT IS BUILT IN A REPLACEABLE BATTERY. Warning: Do not ingest battery, Chemical Burn Hazard. Caution: This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Caution: Keep new and used batteries away from children. Caution: If the battery compartment does not close securely, stop using the product and keep it away from children. Caution: If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention. Caution: Risk of fire or explosion if the battery is replaced by an incorrect type.

FCC Information
Please take attention that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC compliance
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

FCC Conditions
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

FCC Supplier's Declaration of Conformity
Equipment Model: refer to the cover of the quick start guide
FCC Compliance Statement:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, And (2) this device must accept any interference received, including interference that may cause undesirable operation.
Responsible Party -U.S. Contact Information:
Company name EZVIZ Inc.
Company address 908 Canada Court, City of Industry, CA 91748, United States
Internet contact information **www.ezviz.com/us**

Industry Canada ICES-003 Compliance
This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and

2. this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.
This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

About this Manual
The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the ™ website (**http://www.ezviz.com)**.

Revision Record
New release – January 2022

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Documents / Resources

EZVIZ CST51C Temperature and Humidity Monitor [pdf] User Guide
CST51C, 2APV2-CST51C, 2APV2CST51C, Temperature and Humidity Monitor, Temperature Monitor, Humidity Monitor, CST51C Temperature and Humidity Monitor

References

- **EZVIZ - Creating Easy Smart Homes**
- **EC Declaration of Conformity | EZVIZ**
- **EZVIZ - Creating Easy Smart Homes**
- **EZVIZ - Creating Easy Smart Homes**
- **HOME**