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EZAIoT EZ-TP3W

EZAIoT WiFi Thermostat Plug EZ-TP3W User Manual

Model: EZ-TP3W

Introduction	Safety Information	Product Overview	Setup	Operation	Maintenance
		Troubleshooting	Warranty & Support		

1. INTRODUCTION

The EZAIoT EZ-TP3W WiFi Thermostat Plug is an intelligent temperature control device designed for precise climate management in various environments. It supports both heating and cooling applications, offering versatile control options through a dedicated mobile application, voice commands, or direct device interaction. This manual provides comprehensive instructions for the safe and efficient use of your EZ-TP3W thermostat plug.



Figure 1: EZAIoT EZ-TP3W Thermostat Plug with its mobile application interface and included temperature sensor.

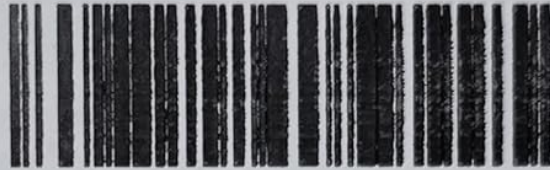
2. SAFETY INFORMATION

Please read all safety instructions carefully before using the EZAIoT EZ-TP3W WiFi Thermostat Plug. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Disconnect Power:** Always disconnect the device from the power supply before performing any maintenance, cleaning, or repair.
- **Avoid Moisture:** Do not expose the device to moisture or use it in wet environments. This includes direct water contact or high humidity.
- **Inspect for Damage:** Do not use the device if it is damaged, shows signs of electrical problems, or if the power cord or plug is frayed.
- **Professional Repair:** All repairs must be performed by qualified service personnel. Do not attempt to disassemble or repair the device yourself.
- **Proper Voltage:** Ensure the device is connected to a power supply within the specified voltage range (AC 100-240V; 50-60 Hz).

- **Maximum Load:** Do not exceed the maximum load capacity of 16A / 3680W to prevent overheating and potential fire hazards.
- **Child Safety:** Keep the device out of reach of children. Utilize the child lock function available through the app for added safety.

EZAIOT®



Modell: TP3W

X00249287L

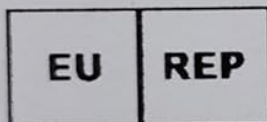
Produktname: Steckdose Thermostat

Hersteller: Shenzhen Rti-Tek Co., Ltd.

Adresse: 4. Stock, Fabrik 10, Xiaweyuan Industrial Zone,
Gushu Community, Xixiang Street, Bao'an District,
Shenzhen, Guangdong, P.R.C.

E-Mail: ezaiot@163.com

Hergestellt in China



EC REP SERVICES SL
C/GRANVIA 49,7 DCH,
28013MADRID(SPAIN)



WARNUNGEN

Sicherheitshinweis: Trennen Sie das Gerät vor der Wartung oder Reparatur von der Stromversorgung. Setzen Sie das Gerät nicht der Feuchtigkeit aus. Verwenden Sie das Gerät nicht mehr, wenn es beschädigt ist oder Anzeichen eines elektrischen Problems aufweist. Wenden Sie sich für Reparaturen an einen Fachmann.



3. PRODUCT OVERVIEW

3.1 Package Contents

Verify that all components are present in the package:

- 1 x EZAIoT EZ-TP3W Thermostat Plug
- 1 x 3-meter Temperature Sensor (waterproof)
- 1 x 5-cm Temperature Sensor (waterproof)

3.2 Key Features

- **Plug and Play Design:** Easy installation without complex wiring.
- **Versatile Operation Modes:** Supports heating, cooling, weekly scheduling, cycle timer, and countdown timer.
- **Wide Temperature Range:** Measures from -9.5°C to 99.5°C (device display) and -30°C to 110°C (app display).
- **Waterproof Sensors:** Includes 3m and 5cm sensors for diverse applications.
- **Smart Control:** Remote control via TUYA Smart Life app, voice control with smart speakers (Google Assistant, Amazon Alexa).
- **Manual Control:** Interactive buttons on the device for offline operation.
- **Safety Functions:** Child lock, temperature alarm, sensor error alarm, and anti-freeze function.
- **Robust Construction:** Made from flame-retardant PC material.







UNSERE											
✓	Anzeige der Temperatur										
✓	0.1°C										
✓	300cm  + 5cm 										
✓	16A										
✓	Schlüssel-Design										
✓	Alarm bei hoher und niedriger Temperatur										
✓	Schutzvorrichtung für den Kompressor										
✓	Wöchentlich programmierbare Timing-Funktion										





UNSERE

ANDERE











































































































































































































































Specification	Value
App Display Temp. Range	-30 °C to 110 °C
Product Dimensions	7.8 x 5.4 x 7.65 cm; 190 g
Controller Type	iOS (and Android via Smart Life app)
Special Features	Audible Alert, Fan Control, Temperature Indicator, Removable Interface, Programmable



Steckdosen-Temperaturregler der neuen LED-Generation

-  Heizung und Kühlung
-  Sechs Betriebsmodi
-  Zusatzfunktionen
-  besonderer LED-Bildschirm
-  Sprachsteuerungsfunktion
-  Steckbares Design
-  Fernsteuerung über App



Scannen Sie den QR-Code, um die Online-Produktanleitung auf Deutsch ZU öffnen.



Figure 4: The EZAIoT EZ-TP3W featuring its LED display and key functionalities.

Kühlen und Heizen

Automatisches Starten und Stoppen



Figure 5: Visual representation of the heating and cooling capabilities of the thermostat plug, showing its operational temperature range.

4. SETUP

The EZAIoT EZ-TP3W is designed for easy plug-and-play installation.

4.1 Physical Installation

1. **Connect Sensor:** Insert one of the provided temperature sensors into the designated port on the bottom of the thermostat plug.
2. **Position Sensor:** Place the sensor in the area where you wish to monitor and control the temperature. Ensure it is not directly exposed to heat sources or drafts that could skew readings.
3. **Plug In Device:** Plug the EZAIoT EZ-TP3W thermostat into a standard electrical outlet.
4. **Connect Appliance:** Plug your heating or cooling appliance (e.g., heater, fan, incubator) into the socket on the front of the thermostat plug.



Steckdosen-Temperaturregler der neuen LED-Generation



Heizung und
Kühlung



Sechs
Betriebsmodi



Zusatzfunktionen



besonderer LED-
Bildschirm



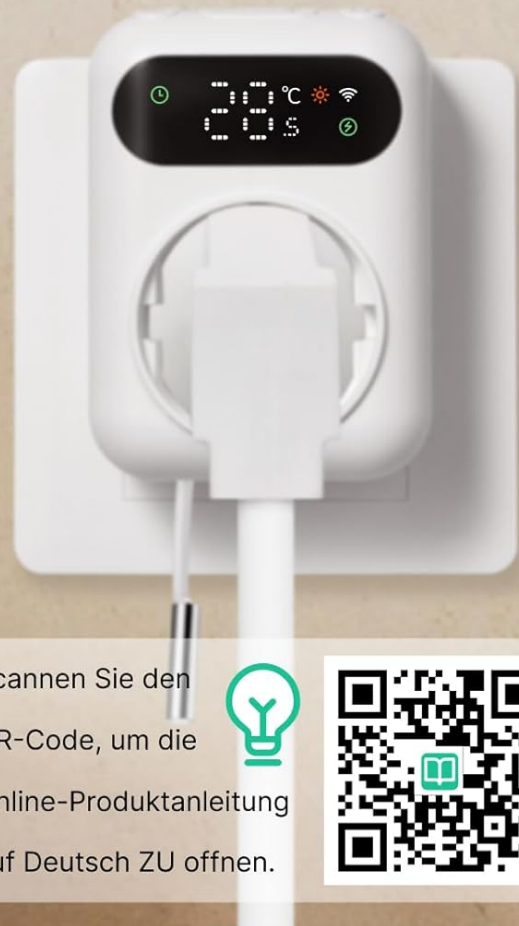
Sprachsteuerungsf
unktion



Steckbares Design



Fernsteuerung über
App



Scannen Sie den
QR-Code, um die
Online-Produktanleitung
auf Deutsch ZU öffnen.



Figure 6: The thermostat plug, highlighting its plug-and-play design and the QR code for accessing the online manual.

For detailed setup instructions and app pairing, scan the QR code above or visit the official online manual: [EZAloT EZ-TP3W Online Manual](#)



Steckdosen-Temperaturregler der neuen LED-Generation



Heizung und
Kühlung



Sechs
Betriebsmodi



Zusatzfunktionen



besonderer LED-
Bildschirm



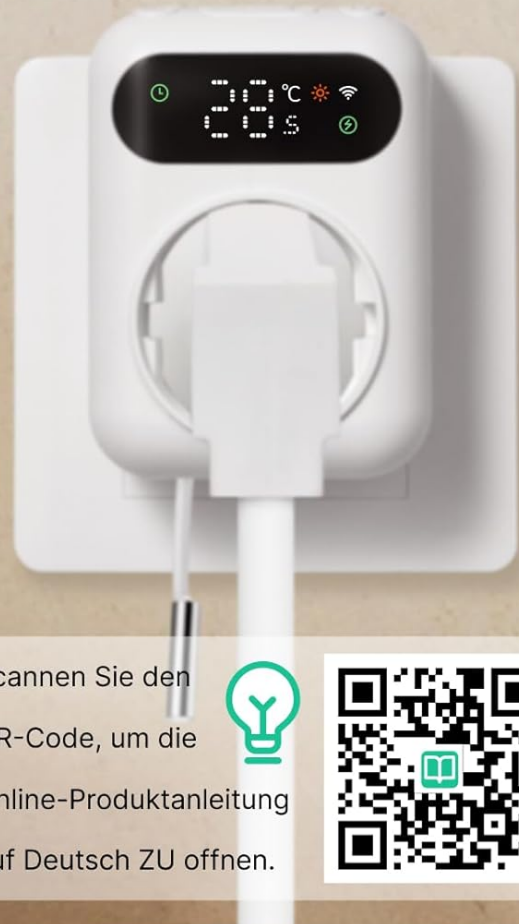
Sprachsteuerungsf
unktion



Steckbares Design



Fernsteuerung über
App



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Figure 7: Detailed view of the thermostat plug, showing its dimensions and the interchangeable temperature sensors.

4.2 App Pairing (TUYA Smart Life)

1. **Download App:** Download the "TUYA Smart Life" app from your smartphone's app store (iOS or Android).
2. **Register/Login:** Open the app and register a new account or log in with an existing one.
3. **Add Device:** Tap the "+" icon in the top right corner of the app to add a new device.
4. **Select Device Type:** Choose "Electrical" -> "Socket (Wi-Fi)" or search for "Thermostat Plug".
5. **Enter Wi-Fi Details:** Follow the on-screen instructions to connect the device to your 2.4GHz Wi-Fi network. Ensure your phone is connected to the same Wi-Fi network.
6. **Confirm Pairing:** The device's Wi-Fi indicator will flash during pairing and become solid once connected.

5. OPERATING INSTRUCTIONS

5.1 Operating Modes

The EZ-TP3W offers several operating modes to suit various temperature control needs:

- **Heating Mode:** Maintains a minimum temperature by activating the connected appliance when the temperature drops below the set point.
- **Cooling Mode:** Maintains a maximum temperature by activating the connected appliance when the temperature rises above the set point.
- **Weekly Schedule:** Allows you to program different temperature settings for specific times and days of the week.
- **Cycle Timer:** Configures the device to turn on and off in repeating cycles.
- **Countdown Timer:** Sets a specific duration for the device to operate before turning off.

5.2 App Control (TUYA Smart Life)

The TUYA Smart Life app provides comprehensive control and monitoring capabilities:

- **Remote Monitoring:** View current temperature, set temperature, and device status from anywhere.
- **Mode Selection:** Easily switch between heating, cooling, and other programmed modes.
- **Schedule Management:** Create, edit, and activate weekly schedules and timers.
- **Temperature Alarms:** Set high and low-temperature alerts to receive notifications on your smartphone.
- **Child Lock:** Activate the child lock function to prevent accidental changes to settings on the device.
- **Voice Control:** Integrate with smart speakers like Google Assistant or Amazon Alexa for hands-free control.
 - Example: "OK Google, set the EZ-TP3W to auto."
 - Example: "Alexa, what's the temperature of EZ-TP3?"

Fern-Und Lokalsteuerung

Leichte Kontrolle jederzeit und überall; Auch bei fehlender Internetverbindung per Tastendruck bedienbar.



OK Google, set the EZ-TP3 to auto ?



Alexa, what's the temperature of EZ-TP3 ?

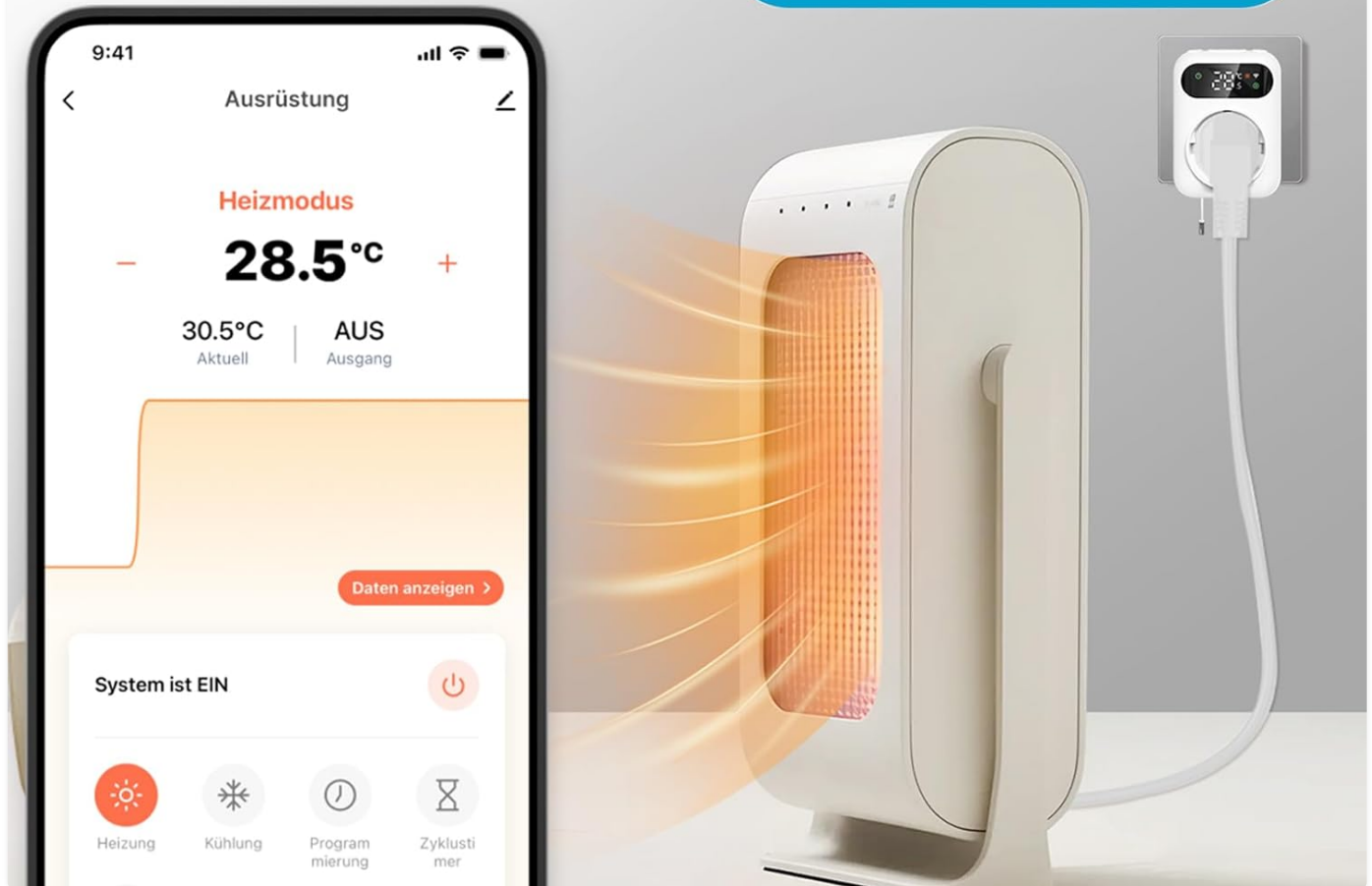


Figure 8: Demonstrates remote control via the app and voice commands, alongside local manual control.

5.3 Manual Control

The device features interactive buttons for direct control, even without an internet connection:

- **Power Button:** Turns the device on or off.
- **Mode Button:** Cycles through available operating modes.
- **Up/Down Buttons:** Adjusts temperature set points or timer values.
- **Confirmation Button:** Confirms selections or enters settings menus.

6. APPLICATIONS

The EZAIOT EZ-TP3W is suitable for a wide range of temperature control applications:

- **Home Heating/Cooling:** Optimize room temperature.
- **Greenhouses:** Maintain ideal growing conditions for plants.

- **Aquariums:** Regulate water temperature for aquatic life.
- **Reptile Enclosures:** Ensure stable temperatures for reptiles.
- **Incubators:** Precise temperature control for hatching eggs.
- **Home Brewing/Fermentation:** Maintain specific temperatures for brewing processes.
- **Wine Cellars:** Control temperature for optimal wine storage.
- **Other Appliances:** Can be used with attic fans, evaporative coolers, window air conditioners, etc.



Für verschiedene Verwendungen elektronischer Geräte.





Inkubator



Heimbrauerei



Aquarium



Reptilienhaltung



Gewächshäuser



Haushaltsgeräte

Figure 9: Examples of diverse applications for the EZAlot EZ-TP3W thermostat plug.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your device.

- **Cleaning:** Disconnect the device from power before cleaning. Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Sensor Care:** Ensure the temperature sensors are clean and free from debris. Avoid bending or damaging the

sensor cables.

- **Firmware Updates:** Periodically check the TUYA Smart Life app for any available firmware updates for the device to ensure you have the latest features and bug fixes.

8. TROUBLESHOOTING

If you encounter issues with your EZAIoT EZ-TP3W, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not powering on.	No power from outlet; device damaged.	Check the power outlet with another appliance. Ensure the device is not damaged.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password; 5GHz network; device too far from router.	Ensure correct 2.4GHz Wi-Fi password. Move device closer to router. Reset device and try pairing again.
Temperature reading is inaccurate.	Sensor improperly placed; sensor damaged; sensor error alarm.	Reposition the sensor away from direct heat/cold sources. Check sensor connection. Replace sensor if damaged.
Appliance not turning on/off.	Incorrect mode/settings; appliance not working; exceeding max load.	Verify operating mode and set points in the app. Test the appliance directly. Ensure total load is below 3680W.
Device display is off.	Display timeout setting.	The display may turn off after a set period (e.g., 120 seconds) to save power. This setting can usually be adjusted in the app, though a permanent "always on" option might not be available.

9. WARRANTY AND SUPPORT

EZAIoT products are designed for reliability and performance. For warranty information, please refer to the documentation provided with your purchase or contact your retailer.

For technical support or inquiries, you may contact the manufacturer directly:

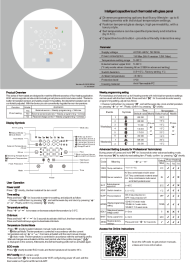
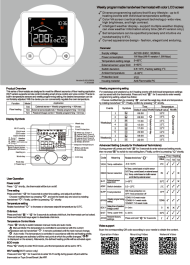


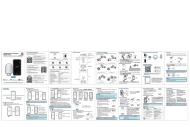

- **Manufacturer:** Shenzhen Rti-Tek Co., Ltd.
- **Email:** ezaiot@163.com
- **Online Manual & Support:** <https://manual.rti-tek.org/en/TP3>

Please have your model number (EZ-TP3W) and purchase details ready when contacting support.



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This manual is subject to change without notice.

	<p><u>EZAIOT V8W Intelligent Capacitive Touch Thermostat User Manual and Installation Guide</u></p> <p>Detailed user manual and installation guide for the EZAIOT V8W intelligent capacitive touch thermostat with glass panel. Covers product overview, parameters, operation, programming, advanced settings, mounting, wiring diagrams, and troubleshooting for floor heating systems.</p>
	<p><u>EZAIOT R7W Series Programmable Handwheel Thermostat User Manual</u></p> <p>Comprehensive user manual and technical specifications for the EZAIOT R7W series programmable handwheel thermostats. Covers installation, wiring, user operation, advanced settings, and model details for floor heating, water heating, and gas boiler systems.</p>
	<p><u>Smart Wi-Fi LED Socket Thermostat User Manual</u></p> <p>Comprehensive guide to the EZAIOT Smart Wi-Fi LED Socket Thermostat, detailing setup, operation, features, safety information, and technical specifications for controlling heating and cooling devices via Wi-Fi and app.</p>
	<p><u>EZAIOT RF433 Wireless Thermostat User Manual</u></p> <p>Comprehensive user manual for the EZAIOT RF433 Wireless Thermostat, a smart WiFi-enabled temperature controller for water and gas boilers. It offers compatibility with Alexa and Google Home, detailing installation, setup, usage, troubleshooting, and technical specifications.</p>
	<p><u>EZAIOT LED Bluetooth Thermostatic Radiator Valve User Manual</u></p> <p>Comprehensive user manual for the EZAIOT LED Bluetooth Thermostatic Radiator Valve. This guide covers installation, app control using the Smart Life app, voice integration with Amazon Alexa and Google Assistant, detailed features, technical specifications, and troubleshooting. It provides step-by-step instructions for setup and operation.</p>
	<p><u>EZAIOT RF433 Wireless Smart Thermostat for Wall-Mounted Boilers - User Manual</u></p> <p>Explore the EZAIOT RF433 Wireless Smart Thermostat for Wall-Mounted Boilers. This guide provides installation, setup, and operational details for efficient home heating control, compatible with Alexa and Google Home.</p>