Docooler XDP8013453910629EW

Docooler WiFi Smart Thermostat Temperature Controller User Manual

Brand: Docooler | Model: XDP8013453910629EW

1. INTRODUCTION AND OVERVIEW

The Docooler WiFi Smart Thermostat is an advanced temperature controller designed for water heating systems. It features an ultra-thin wall-mounted body with button controls, mobile application compatibility, and voice control integration with smart home systems like Alexa and Google Home. The thermostat provides weekly programmable settings and a clear TFT screen displaying essential information such as weather, outdoor humidity, temperature, and clock.

This manual will guide you through the installation, setup, and operation of your new smart thermostat, ensuring you can maximize its features for optimal home comfort and energy efficiency.

Figure 1: Front view of the Docooler WiFi Smart Thermostat.

2. Product Features

- **WiFi Smart Thermostat:** Ultra-thin wall-mounted design with button controls and a TFT screen displaying weather, outdoor humidity, temperature, and clock. Features 3 ambient light colors.

- **Smartphone APP Remote Control:** Control your home temperature remotely via the Smartlife app, allowing adjustments and locking from anywhere.

- **Smart Home System Voice Control:** Compatible with Google Home and Alexa for convenient voice commands.

- **Manual Mode & Programming Mode:** Supports both manual temperature setting and easy weekly programming via the mobile app, with separate schedules for weekdays and weekends.

- **Family Sharing:** Share device control with family members through the smartphone app.

3. Package Contents

Please ensure all items are present in the package:

- Docooler WiFi Smart Thermostat
- Mounting Screws
- User Manual (this document)

4. Installation Guide

Your thermostat is suitable for installation within a standard 86mm pattress box or European 60mm pattress box. Professional installation is recommended.

1. **Step 1: Power Off.** Ensure the main power supply to your heating system is turned off before beginning installation.
2. **Step 2: Remove Mounting Plate.** Push the display assembly to remove the mounting plate.
3. **Step 3: Connect Power Supply.** Connect the power supply load into the appropriate terminals on the thermostat. Refer to the wiring diagram below for specific connections based on your heating type (water heating).
4. **Step 4: Fix Mounting Plate.** Fix the mounting plate into the wall box using the provided screws.
5. **Step 5: Attach Thermostat Body.** Secure the thermostat body to the mounting plate by aligning and pushing it into place.
6. **Step 6: Installation Complete.** Restore power to your heating system.

Figure 2: Wiring diagram for water heating systems. Ensure correct connections for N (Neutral), L (Live), N1, L1 (Load), and Sensor.
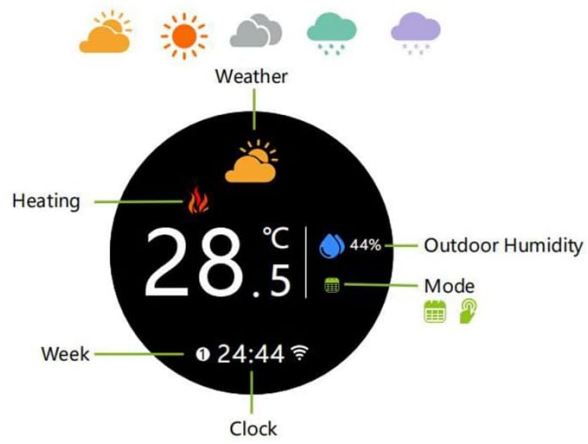
Figure 3: Visual representation of the installation process, from detaching the display to securing the unit.

5. OPERATING INSTRUCTIONS

5.1. Button Control

The thermostat features a central knob and touch-sensitive screen for direct control. Press the screen to enter the Main Control interface. Rotate the knob to navigate options and press to confirm selections.
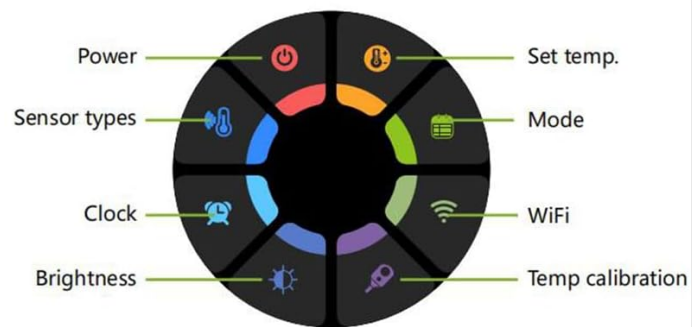
Weather

Heating

28.5 °C

44% — Outdoor Humidity

Mode

Week — 24:44

Clock

Note: The weather and humidity will be synchronized within 1 hour after the device is connected to the Internet for the first time, and the weather will be synchronized every hour thereafter.

21.5 °C 84% 10:44

10:44 Clock

Main control interface

Power — Set temp.

Sensor types — Mode

Clock — WiFi

Brightness — Temp calibration

Tip: Press the screen to enter the Main control interface.

Figure 4: Home screen quick reference showing weather, heating status, outdoor humidity, mode, and clock.

Smartphone APP Control

The mobile APP can share simple temperature control life with your family by creating product local groups

Figure 5: Main control interface with options for Power, Set Temperature, Sensor Types, WiFi, Clock, Temperature Calibration, and Brightness.

Figure 6: Demonstrating the rotating control knob for temperature adjustment.

5.2. Mobile App Control

The Docooler Smart Thermostat can be controlled remotely using the Smartlife (or Tuya) mobile application. This allows you to adjust temperature, set schedules, and monitor your heating system from anywhere.
To connect your thermostat to the app:

1. Download the Smartlife app from your device's app store.

2. Register or log in to your account.

3. Follow the in-app instructions to add a new device. The app will guide you through connecting the thermostat to your home Wi-Fi network.

4. Once connected, you can control the thermostat, set programming modes, and share access with family members.

Figure 7: The mobile app interface for controlling the thermostat, showing current temperature and control options.

5.3. Voice Control

The thermostat is compatible with Amazon Alexa and Google Home, allowing for convenient voice control. After connecting the thermostat to the Smartlife app, link your Smartlife account to your Alexa or Google Home app.

Example voice commands:

- "Alexa, set the living room to 22 degrees Celsius."
- "Hey Google, what is the temperature in the bedroom?"
- "Alexa, turn on the thermostat."

Figure 8: Illustrates voice control functionality with popular smart speakers.

5.4. Weekly Programming

The thermostat supports a weekly programming mode, allowing you to set different temperatures for various periods throughout the day and week. This can be easily configured via the mobile application.
You can set a separate schedule for weekdays (Monday to Friday) and for weekends (Saturday or Sunday). This feature helps optimize energy consumption and ensures comfort when you need it.

Weekly Programm of Temperature

Set week program on your App Default settings for program schedule

Time display	WEEKDAY (MONDAY—FRIDAY) (1 2 3 4 5 shows on screen)		WEEKEND (SATURDAY) (6 shows on screen)		WEEKEND (SUNDAY) (7 shows on screen)	
	TIME	TEMPERATURE	TIME	TEMPERATURE	TIME	TEMPERATURE
Period 1	06:00	20 °C	06:00	20 °C	06:00	20 °C
Period 2	08:00	15 °C	08:00	20 °C	08:00	20 °C
Period 3	11:30	15 °C	11:30	20 °C	11:30	20 °C
Period 4	13:30	15 °C	13:30	20 °C	13:30	20 °C
Period 5(1+2)	17:00	22 °C	17:00	20 °C	17:00	20 °C
Period 6(3+4)	22:00	15 °C	22:00	15 °C	22:00	15 °C

Figure 9: Example of a weekly temperature program schedule, showing time periods and corresponding temperatures for weekdays and weekends.

5.5. Official Product Video

For a visual guide on the thermostat's features and app connectivity, please watch the official product video below:

Your browser does not support the video tag.

Video 1: Docooler WiFi Smart Thermostat Temperature Controller overview, demonstrating physical controls and app integration.

6. SPECIFICATIONS

Specification	Value

Specification	Value
Brand	Docooler
Product Dimensions	3.4"D x 8.6"W x 3.4"H
Controller Type	Amazon Alexa, Google Home
Special Feature	Programmable
Color Options	Black, Silver, Champagne, White
Temperature Control Type	Manual, Programmable
Connectivity Technology	Wi-Fi
Power Source	AC adapter
Voltage	24 Volts
Shape	Round
Display Type	Graphical
Control Type	Button Control
Control Method	App, Voice
Connectivity Protocol	Wi-Fi
Mounting Type	Wall Mount
Style	Modern
Backlight	Yes
Wattage	1.5 watts
Item Weight	7.9 ounces
Item Model Number	XDP8013453910629EW

7. TROUBLESHOOTING

If you encounter issues with your Docooler Smart Thermostat, please refer to the following common troubleshooting tips:

- **Thermostat not powering on:** Ensure the main power supply to your heating system is active and the thermostat is correctly wired according to the installation instructions. Check for loose connections.
- **Wi-Fi connection issues:** Ensure your Wi-Fi network is 2.4GHz. Verify your Wi-Fi password is correct. Try

restarting your router and the thermostat. If issues persist, try resetting the thermostat and re-pairing with the app.

- **Incorrect temperature readings:** Ensure the sensor is properly connected and not obstructed. If an external sensor is used, verify its placement.
- **App control not responding:** Check your internet connection and ensure the thermostat is connected to Wi-Fi. Verify the Smartlife app is updated to the latest version.
- **Voice control not working:** Confirm that your Smartlife account is correctly linked to your Alexa or Google Home app. Ensure your smart speaker is online and responding to other commands.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact Docooler customer support.

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the warranty card included with your product or visit the official Docooler website. You may also contact the seller directly for assistance.