

Temtop M100 2nd

Temtop M100 2nd Gen Air Quality Monitor User Manual

Model: M100 2nd

Brand: Temtop

INTRODUCTION

The Temtop M100 2nd Gen Air Quality Monitor is designed to provide real-time tracking of indoor air quality. This device monitors 7 key metrics: PM2.5, PM10, CO2, TVOC, Temperature, Humidity, and AQI. It features a 7-inch touchscreen display, WiFi connectivity for app integration, and supports multi-room monitoring with optional sub-monitors.

This manual provides essential information for setting up, operating, and maintaining your air quality monitor to ensure accurate readings and optimal performance.

PACKAGE CONTENTS

- Air Quality Detector x 1 (Temtop M100 2nd Gen Host)
- Detector manual x 1
- Adapter & USB Cable x 1



The Temtop M100 2nd Gen Air Quality Monitor, including the main unit, user manual, and charging accessories.

SETUP

1. Initial Power-On

Connect the provided USB cable to the monitor and a power adapter. Plug the adapter into a power outlet. The device will automatically power on. For portable use, the built-in lithium-ion battery provides 4+ hours of operation when unplugged.

2. App Download and Device Pairing

To utilize the full features of the monitor, download the "Temtop" app on your smartphone.

- For Android: [Download Temtop App \(Android\)](#)
- For iOS: [Download Temtop App \(iOS\)](#)

Enable Bluetooth permissions for the Temtop app. Open the app, tap the "+" icon in the upper right corner, and follow the in-app prompts to locate and connect your device. The device's GUID QR code can be found on the bottom of the unit for easy scanning. Ensure your Wi-Fi network is 2.4GHz for successful connection.

See It Your Way — Adaptive Display for Every Environment

Adaptive display with theme, brightness, and screensaver settings for perfect visibility day or night.



Visual guide for downloading the Temtop app and connecting the monitor via Bluetooth and Wi-Fi.

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This video demonstrates the initial setup and touch screen operation of the Temtop M100 2nd Gen Air Quality Monitor, including power-on, app connection, and basic navigation.

OPERATING INSTRUCTIONS

1. 7-Inch HD Touchscreen Display

The monitor features a large, intuitive 7-inch HD touchscreen. All key air quality metrics (PM2.5, PM10, CO2, TVOC, Temperature, Humidity, and AQI) are displayed in real-time. The display also shows trend graphs and weather forecasts at a glance. You can adjust brightness and themes via settings.

Monitor Anytime Anywhere with the Temtop App



Connect via 2.4GHz Wi-Fi in seconds.



View real-time & historical data trends.



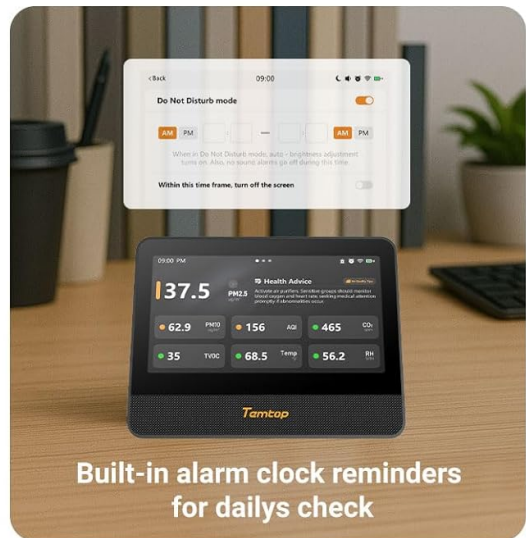
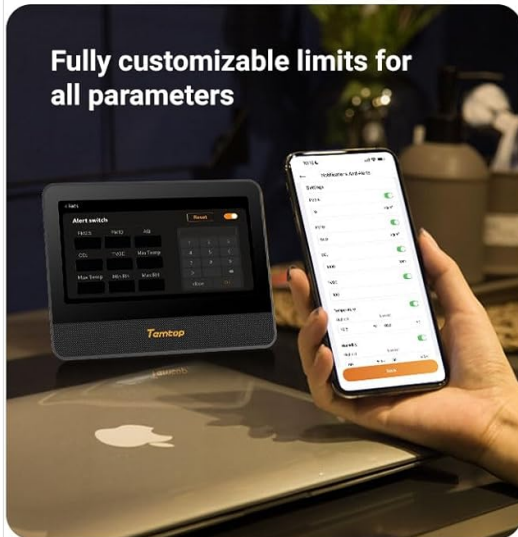
Get instant alerts when pollutants exceed your set limits.



The 7-inch touchscreen display showing real-time air quality data and health advice.

2. Real-Time Monitoring and Alerts

The device provides continuous real-time monitoring. You can set personalized thresholds for any pollutant through the app. Instant phone notifications will be sent when levels change, allowing you to stay informed immediately. The device also features a dual alert system with mobile app notifications and on-device alerts.



The monitor's smart alert system and "Do Not Disturb" mode for quiet monitoring during rest.

3. Data Trends and Insights

Access daily and monthly trend charts via the app to gain a deeper understanding of your air composition and identify patterns. This helps in making informed decisions about your indoor environment.



A user reviewing historical air quality data and trends on the Temtop mobile application.

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This video provides an overview of the Temtop M100 2nd Gen's multi-functional capabilities and its role in home air quality monitoring.

MULTI-ROOM MONITORING SYSTEM

The M100 2nd Gen monitor can be expanded into a multi-room monitoring system. Connect multiple P1 & P2 sub-monitors (sold separately) via LoRa technology to track air quality in various rooms throughout your house from the single app interface.

Expand Your Monitoring Network



Add up to 10 P sub-devices (sold separately) for whole-home coverage.



An illustration of how the Temtop M100 2nd Gen monitor can connect with up to 10 sub-devices for whole-home air quality coverage.

APP FEATURES & CONNECTIVITY

The Temtop app provides a comprehensive interface for managing your air quality data. Key features include:

- **Real-time Data:** View current readings for all monitored parameters.
- **Historical Graphs:** Access 24-hour, 7-day, and 30-day trends for each pollutant.
- **Customizable Alerts:** Set specific thresholds for pollutants and receive instant phone notifications.
- **Multi-Device Management:** Connect and monitor data from multiple P1 & P2 sub-monitors.
- **Settings:** Adjust alarm volume, screen brightness, sleep delay, and temperature units.
- **Data Export:** Export data for further analysis.

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This video demonstrates the features and interface of the Temtop air quality monitor application, including real-time data, historical trends, and settings.

MAINTENANCE

1. Calibration

For optimal accuracy, periodic calibration of the sensors may be required. The device allows for calibration of PM2.5, CO2, temperature, and humidity. Refer to the device settings or the app for specific calibration procedures. Ensure the device is in a stable, well-ventilated area during calibration for accurate results.

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This video demonstrates how to access and perform calibration for various parameters like PM2.5, CO2, temperature, and humidity on the Temtop M100 2nd Gen monitor.

2. Cleaning

Gently wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents. Keep the sensor vents clear of dust and debris to ensure proper airflow and accurate readings.

TROUBLESHOOTING

- **Device not powering on:** Ensure the device is properly connected to the power adapter and outlet, or that the internal battery is charged.
- **App connectivity issues:** Verify Bluetooth is enabled on your phone, the app has necessary permissions, and your Wi-Fi network is 2.4GHz. Try restarting both the monitor and your phone.
- **Inaccurate readings:** Ensure the device is placed in a stable, well-ventilated area away from direct drafts, heat sources, or strong chemical odors. Perform a calibration if necessary.
- **No notifications:** Check app settings to ensure alerts are enabled and thresholds are set appropriately. Verify phone notification settings for the Temtop app.

SPECIFICATIONS

Brand	Temtop
Model Number	M100 2nd
Power Source	Battery Powered (1 Lithium Ion battery included)
Product Dimensions	5.51"D x 7.17"W x 2.76"H
Item Weight	0.44 Pounds (7 ounces)
Display Style	Touchscreen
Special Features	Adjustable Brightness, Alarm, Clock, Customizable Alert, Large Display
Included Components	Air Quality Detector x 1, Detector manual x 1, Adapter & USB Cable x 1

WARRANTY & SUPPORT

The Temtop M100 2nd Gen Air Quality Monitor comes with a **1-Year Limited Warranty** (Detector Only). For support, please refer to the contact information provided in your product packaging or visit the official Temtop website.