Temtop M100-New

Temtop M100 Air Quality Monitor User Manual

Model: M100-New | Brand: Temtop

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Temtop M100 Air Quality Monitor. The Temtop M100 is an 8-in-1 smart air quality weather station designed to provide real-time monitoring of indoor air quality, including PM2.5, PM10, CO_2, temperature, and humidity, along with weather forecasts and time display.

PRODUCT OVERVIEW

Key Features

- Large and clear display with colorful indicators for immediate air quality assessment.
- 8-in-1 monitoring: Measures CO_2, PM2.5, PM10, AQI, temperature, humidity, weather forecast, and date/time.
- Supports monitoring and managing up to 8 interconnected sensors via the Temtop dashboard.
- Calibration available for sensors to ensure accuracy.
- Push notifications via app for air quality alerts.
- Ability to view graphs and export historical data for analysis.

What's in the Box

- Temtop M100 Air Quality Monitor
- Instruction Manual
- USB Charging Cable (Type-C)

Product Visuals

The Temtop M100 Air Quality Monitor displaying various air quality parameters and weather information, with its companion mobile application shown on a smartphone.
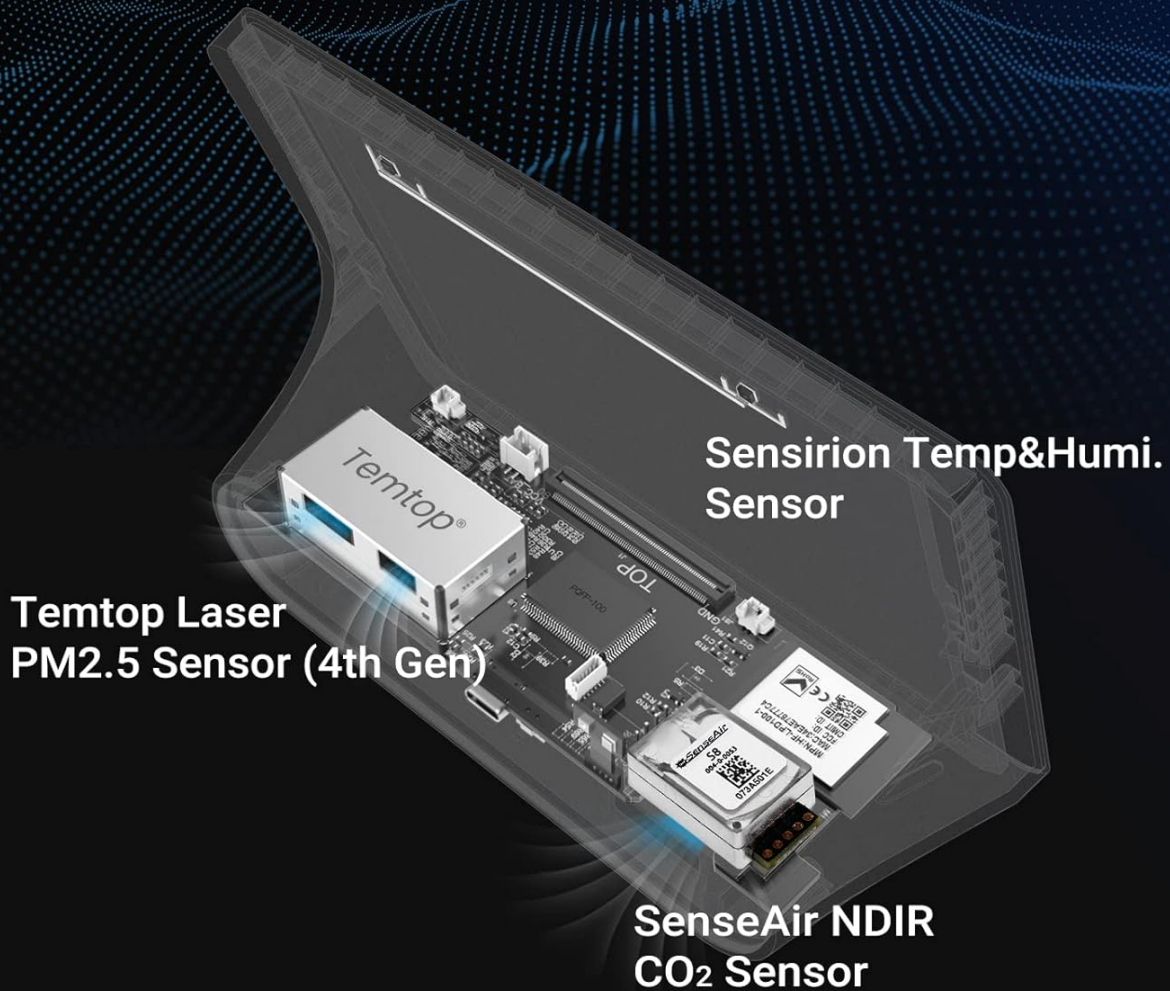
Overview of the Temtop M100's 8-in-1 smart weather station features, indicating its ability to measure temperature, humidity, forecast, time, PM2.5, PM10, CO2, and AQI.
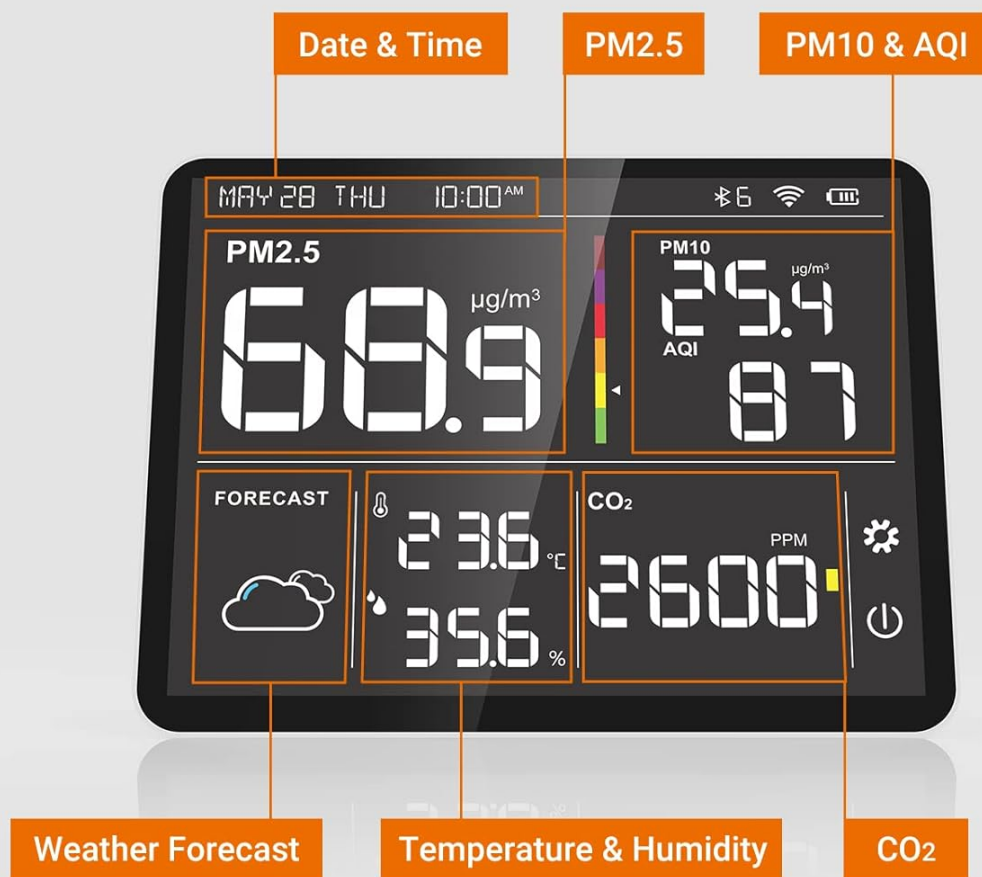
An internal view of the Temtop M100, illustrating the advanced sensors used for precise measurements, including the Temtop Laser PM2.5 Sensor, SenseAir NDIR CO2 Sensor, and Sensirion Temperature & Humidity Sensor.

COLORFUL LARGE DISPLAY
EASY TO READ

Temtop

Date & Time | PM2.5 | PM10 & AQI

MAY 28 THU 10:00 AM

PM2.5
68.9 µg/m³

PM10 25.4 µg/m³
AQI 87

FORECAST
23.6 ℃
35.6 %

CO2
2600 PPM

Weather Forecast | Temperature & Humidity | CO2

Detailed view of the Temtop M100's large, colorful display, highlighting the clear presentation of all measured parameters for easy readability.

It is recommended to use the included Type- Cable for charging, as some fast chargers are not currently supported.

MAY 28 THU   10:00 AM

PM2.5
68.9 µg/m³

PM10
25.4 µg/m³
AQI
87

FORECAST
23.6 °C
35.6 %

CO₂
2600 PPM

The side of the Temtop M100, indicating the Type-C charging port and a recommendation to use the provided cable for optimal charging.

A front view of the Temtop M100, emphasizing its modern design and user-friendly display.

Official Product Videos

Your browser does not support the video tag.

This video provides an overview of the Temtop Air Quality Monitor M100, showcasing its features, design, and how it can be used to monitor air quality in various environments. It highlights the device's ability to display multiple air quality parameters simultaneously and its sleek design that fits into any style.

SETUP

Initial Power On and Charging

Before first use, ensure the device is fully charged using the included Type-C USB cable. Connect the cable to the device's charging port and a compatible USB power source. A full charge is recommended for optimal battery performance. Note that some fast chargers may not be supported.

App Installation and Connectivity

The Temtop M100 connects via Wi-Fi to a companion mobile application. Download the official Temtop app from your device's app store (App Store for iOS, Google Play for Android). Follow the in-app instructions to create an account and connect your M100 monitor to your Wi-Fi network. This enables remote control, data tracking, and push notifications.

Sensor Calibration

The sensors support easy calibration to maintain accuracy. For the first use or after long storage, place the device in a well-ventilated environment (indoors or outdoors) for at least 6 hours. This allows the sensors to stabilize and calibrate to the ambient air conditions.

OPERATING INSTRUCTIONS

Understanding the Display

The large color screen displays all measured data simultaneously, including PM2.5, PM10, CO_2, AQI, temperature, humidity, weather forecast, and current time/date. The colorful indicator provides a quick visual assessment of air quality. There are typically two on-screen touch buttons: one for power and another for screen brightness/measurement units.

Using the Mobile Application

The companion app allows for remote monitoring and management. You can:

- Change configuration settings.
- Provide a location for accurate weather forecasts.
- View and graph historical data for air quality, temperature, and humidity measurements over time.
- Receive push notifications when air quality levels are not optimal.
- Export data for further analysis.

Monitoring Multiple Sensors

The Temtop M100 can monitor and manage up to 8 interconnected sensors from a single touch screen. Use the Temtop dashboard within the app to track connectivity, trends, and analyze historical data from all connected devices.

MAINTENANCE

Cleaning

To clean the device, gently wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water. Ensure the sensor vents are clear of dust and debris for accurate readings.

Battery Care

The device is powered by an internal Lithium Ion battery. For continuous operation, it can be left plugged in. To prolong battery life, avoid extreme temperatures and store the device with a partial charge if not used for extended periods.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Inaccurate Temperature Readings	Ensure the device has been calibrated in a well-ventilated environment for at least 6 hours. Avoid placing the device near heat sources or direct sunlight.

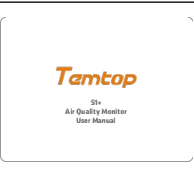| Problem	Possible Cause / Solution
App Glitches or Connectivity Issues	Ensure your Wi-Fi network is stable. Restart the device and the app. Check for app updates. Verify correct Wi-Fi credentials during setup.
Poor Battery Life	The device's battery life may vary depending on usage. For continuous monitoring, it is recommended to keep the device plugged in. Ensure you are using the provided Type-C cable.
Display Viewing Angle Issues	The screen may have a narrow viewing angle. Adjust the device's position to view the display directly for optimal clarity.
Device Not Turning Off	Refer to the power button functionality in the operating instructions. If the device remains on, a long press of the power button or a soft reset might be required. Consult the manufacturer's support if the issue persists.

SPECIFICATIONS

Attribute	Value
Model Number	M100-New
Package Dimensions	9 x 6.63 x 3.5 inches; 1.75 Pounds
Batteries	1 Lithium Ion batteries required. (included)
Date First Available	February 24, 2025
Manufacturer	Elitech
Brand	Temtop
Recommended Uses For Product	Home
Specific Uses For Product	Humidity
Power Source	Corded Electric
Special Feature	Thermometer
Connectivity Technology	Wi-Fi
Color	white
Included Components	Instruction Manual

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Temtop website or contact their customer service. Details regarding product registration and specific warranty terms can typically be found on the manufacturer's official channels.

You can visit the Temtop Store on Amazon for more information and support resources.

Related Documents - M100-New

Temtop Air Station User Manual P100/M100	**Temtop P100/M100 Air Station User Manual: Comprehensive Air Quality Monitoring** User manual for the Temtop P100 and M100 Air Stations. Learn about monitoring PM2.5, PM10, CO2, temperature, and humidity with detailed explanations, specifications, and operational guides.
Temtop M2000 Series Air Quality Monitor User Manual	**Temtop M2000 Series Air Quality Monitor User Manual** User manual for the Temtop M2000 Series Air Quality Monitor, detailing its features, operation, specifications, and maintenance.
Temtop C1 Series Air Quality Monitor User Manual	**Temtop C1 Series Air Quality Monitor: User Manual & Specifications** This user manual provides detailed information on the Temtop C1 Series Air Quality Monitor, covering its features, specifications, operation, calibration, troubleshooting, and warranty. It helps users understand and effectively use the device to monitor indoor air quality, including CO2, temperature, and humidity levels.
Temtop S1+ Air Quality Monitor User Manual	**Temtop S1+ Air Quality Monitor User Manual** Comprehensive user manual for the Temtop S1+ Air Quality Monitor, detailing features, specifications, operation, and troubleshooting for monitoring PM2.5 and AQI.
Temtop S1 Air Meter User Manual	**Temtop S1 Air Quality Monitor User Manual - PM2.5 & AQI Detector** Comprehensive user manual for the Temtop S1 Air Quality Monitor. Learn about PM2.5, AQI, temperature, and humidity readings, device specifications, operation, troubleshooting, and warranty information.
Temtop AIRING-2000 Handheld particulate matter monitor	**Temtop AIRING-2000 Handheld Particulate Matter Monitor User Manual** User manual for the Temtop AIRING-2000 handheld particulate matter monitor, detailing its features, specifications, operation, system settings, calibration, data management, troubleshooting, and warranty.