



Air Station User Manual
P100/M100

Meet the Air Station

You are about to take the first step in controlling the air you breathe! Air Station is a comprehensive solution. By combining laser technology and electrochemical technology, Air Station can provide instant and accurate air quality level, see invisible threats in your air, and understand where they come from through the Air Station and its network with sub device.

Get the Temtop App

Please search **Temtop** in App Store or Google Play, Or simply scan the QR code below to download the App:



Air Quality Key Factors



PM2.5 (Particulate Matter 2.5) refers to fine particles with diameter of 2.5 micrometers or less. Due to its tiny size, PM2.5 can be absorbed into bloodstream and the lungs, which may cause eye and nose irritation, cough, asthma, emphysema, lung disease, heart attacks, cancer and etc.



PM10 (Particulate Matter 10) refers to particulates with a diameter of 10 micrometers or less. Due to the larger size, it's inhalable but penetrates no further than bronchi as larger particles can be filtered out by cilia and mucus of nose and throat. It usually considered as less harmful to health than PM2.5.



Carbon dioxide (CO₂) refers to a colorless and odorless gas that is usually derived from the breath of humans and animals. High CO₂ concentration means that fresh air or ventilation is required; otherwise, it may cause problems such as drowsiness, dizziness, loss of attention, and cognitive impairment.



Temperature & Humidity may often be ignored however they do have a significant impact on individual's well-being, comfort, health and safety as well as your property. High humidity may lead to an increase in household air pollutants especially the biological contaminants such as molds, bacteria, viruses and dust mites; cold, low humidity may cause nosebleeds, skin and respiratory irritations, dyspnea, static electricity and etc.

AQI (Air Quality Index) is a quick guide showing how clean or polluted the air is, using a range from 0 to 500, where higher index values indicate higher levels of air pollution and higher risks to health. There are six pollutants for AQI in US standard: PM2.5/10, O₃, SO₂, NO₂, CO, where Temtop only focus on PM2.5/10 and follows the US EPA Standards to compute AQI.

Overview

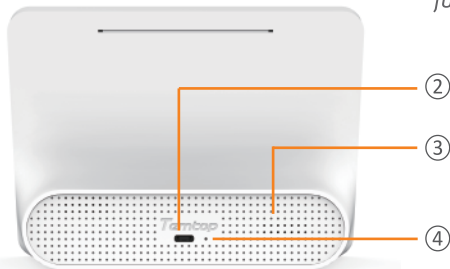


M100



P100

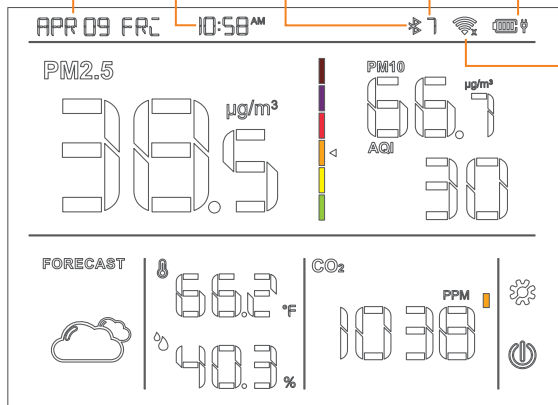
**P100 and M100 are only different in display interface, the following operation instructions all take M100 as an example.*



Serial Number	Describe
①	7.8-inch screen
②	Type-C charging interface
③	PM2.5/CO ₂ inlet and outlet
④	Long press 5s to enter smartlink mode

Display

Date and day of the week Time Bluetooth Numbers of sub device Battery & charging indicator



Status	Meaning
	Connected
	Not connected
	Smartlink mode

AQI	level
≥ 301	< Hazardous
201-300	< Very Unhealthy
151-200	< Unhealthy
101-150	< Unhealthy for Sensitive Groups
51-100	< Moderate
0-50	< Good



Sunny



Cloudy



Rainy

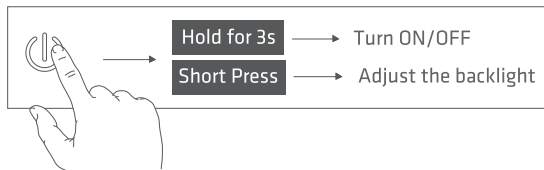


Snowy

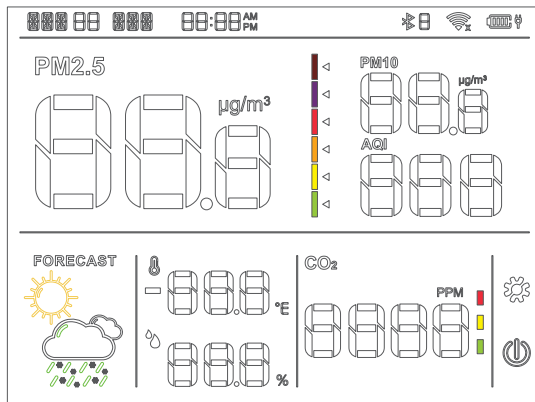
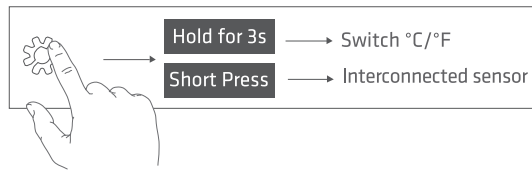
CO ₂ (PPM)	level
2500-5000	< Poor
700-2500	< Fair
0-700	< Good

Operations

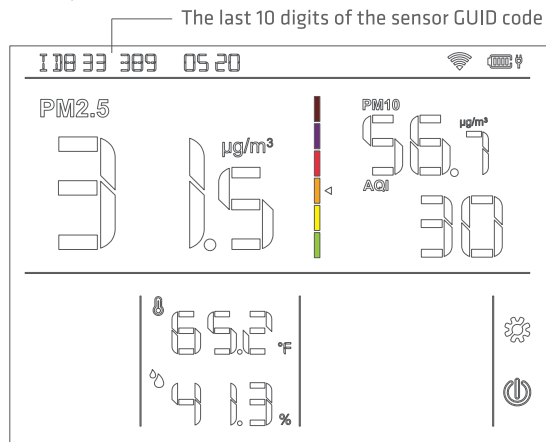
① Power key



② Setting key



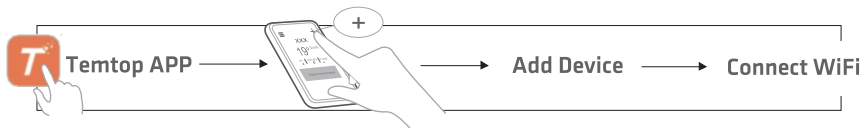
ON



Interconnected Sensor
Take TP model as an example

WiFi Connection

Follow the instructions in the Temtop app to connect your Air Station. Here are the main steps of Connection.



Add Device

P100/M100 supports two ways: Bluetooth connection and manual connection.

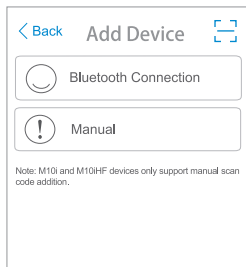
Bluetooth connection: The Bluetooth function of this device is turned on by default. Make sure you have enabled Bluetooth on your phone, select the device and add it.

Manual: Click '🔍' to scan the QR code or enter the 20-digit GUID from the device, enter your preferred

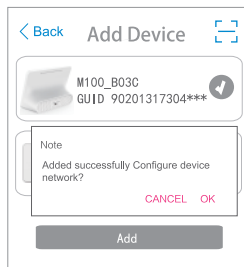
device name and click 'Next'. Then use a pin or stick to press and hold the reset button for 5s to enter smartlink mode. The wireless icon on the screen will flash ascendingly like this: 📶 📶 📶 📶.

Connect WiFi

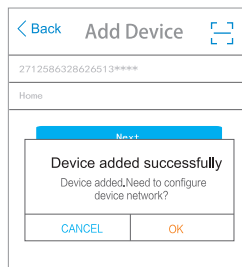
P100/M100 needs to be configured under the same WiFi as the mobile phone. Enter the password of the WiFi.



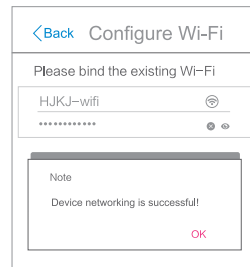
Add Device



Bluetooth connection



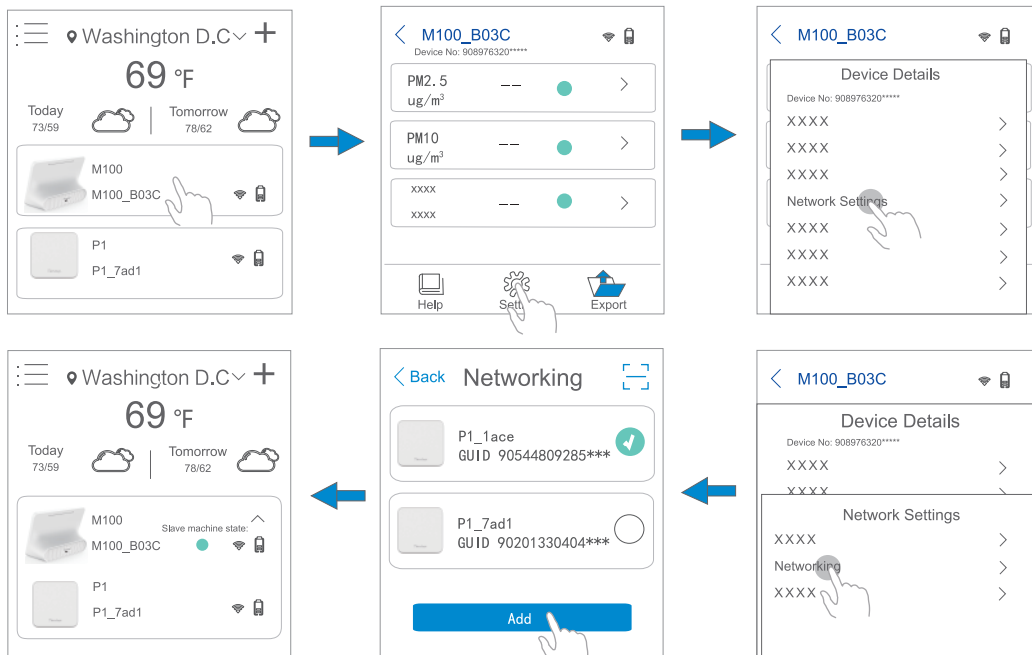
Manual



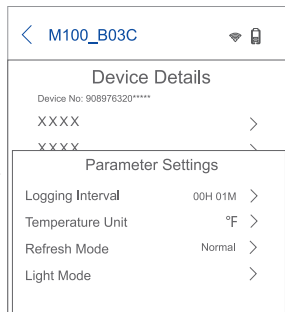
Connect WiFi

Networking

After referring to the master monitor adding method and adding sensors, the homepage displays all the added devices. Then click the 'setting' interface of the master to be networking to add, as shown in the flow chart below:



Settings & Calibration



Logging Interval: Click to adjust the Interval among 1-60min.

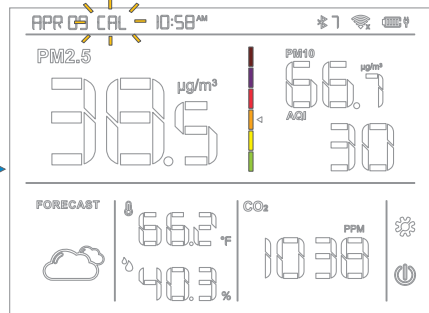
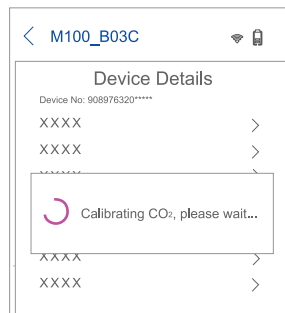
Temperature Unit: Click to switch $^{\circ}\text{C}$ / $^{\circ}\text{F}$

Refresh Mode: Click to switch with 3-levels of the data upload time interval.

- ☒ Normal: 30s
- ☐ Sensitive: 15s
- ☐ Power swing: 60s

Light Mode: Click to switch with 3-levels of different Brightness.

The Temtop APP supports setting CO₂ calibration. Place the machine in the outdoor air circulation, click CO₂ calibration in the APP, and the 'CAL' value flashes for 3 minute until the calibration is completed.



Specifications

Basic Specifications

Dimensions: 177*65.5*32mm

6.9*2.6*1.2 in.

Display: 7.8" touch screen

Battery Capacity: 4200mAh

Input: DC5V;2A

WiFi: 2.4GHz/5GHz

Temperature

Measuring range: 0-50°C (32-122 °F)

Resolution: 0.1°C Accuracy: ±1°C

Humidity

Measuring range: 0-90% RH

Resolution: 1% RH Accuracy: ±5% RH

PM Sensor

PM2.5

Measuring range: 0-999µg/m³

Resolution: 0.1µg/m³

Accuracy: ±10µg/m³ (0~100µg/m³)
±10% (100~500µg/m³)

PM10

Measuring range: 0-999µg/m³

Resolution: 0.1µg/m³

Accuracy: ±15µg/m³ (0~100µg/m³)
±15% (100~500µg/m³)

Gas sensor

CO₂

Measuring range: 0-5000PPM

Resolution: 1PPM

Accuracy: ±40PPM ± 3% reading

What's Included



Air Station x 1



User Manual x 1



Type-C Cable x 1

Note: P100/M100 master monitor can be used alone or in combination with the interconnected sensor (the interconnected sensor needs to be purchased separately)

Note: A sincere effort was made to ensure that all information in this manual was current at the time of publication. However, final products may vary from the manual, and the specifications, features, and displays are subject to change. Please check with your Temtop representative for the latest information.

Warranty

Temtop warrants the included detector for 1 year from the date of original purchase. The item can be exchanged or returned within 30 days if the defect is not caused by artificial damage.

Item	Warranty Period
Detector	1 year included
Accessories	N/A

Before return or delivery for repair, please check if the following items are ready:

	Detector & Accessories	Complete Package	Proof of Purchase*	Gift (if any)
Return	✓	✓	✓	✓
Exchange	✓	✓	✓	
Repair	✓		✓	

Temtop warranty does NOT include:

- Malfunction or damages caused by artificial damage or modification.
- Other deliberate damages.
- Damages caused by force majeure.

Returns and Exchanges

Item	Model Number	Request	Reason
1		☐ Refund ☐ Exchange	
2		☐ Refund ☐ Exchange	

Your E-mail Address: _____

Your Contact Number: _____

Shipping Address: _____

Temtop

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Made in China



V1.0