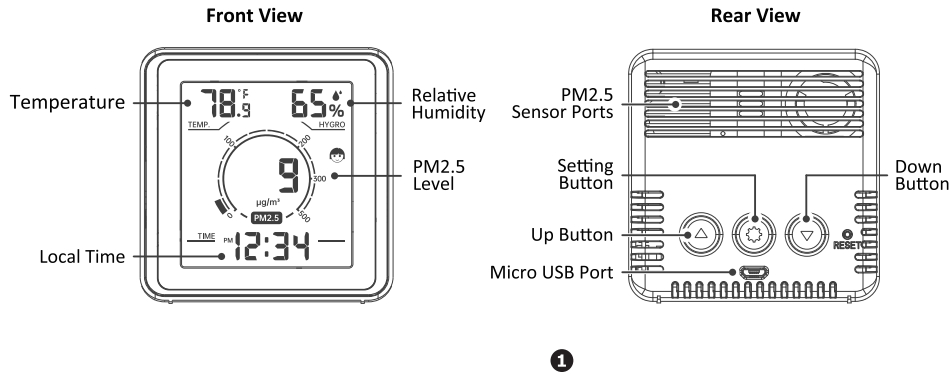# User Manual for YT PM2.5 Meter

1. Safety Instructions

Please read the following information carefully before operating:
1.1 The meter can be operated in an environment of -9.9°C～50°C. The meter may be damaged if used in other environments.
1.2 Please do not disassemble or repair the meter by yourself.
1.3 Clean the device with a soft, damp cloth and avoid getting moisture into any openings. Do not use caustic cleaners or abrasives.

2. Apperance

Front View

Temperature
Relative Humidity
Local Time

Rear View

PM2.5 Sensor Ports
Setting Button
PM2.5 Level
Up Button
Micro USB Port
Down Button

❶

3. Operation

3.1 Power On
Connect the device to power with the USB cable provided. Wait a few seconds for the device to stabilize.

3.2 Set to Your Local Time and Temperature Units
Press and hold the ✵ button for 3 seconds to enter the Set mode.
Once in Set mode, the clock format area will blink. Press the ▲ or ▼ buttons to change the clock format.
Click the ✵ button again to save the changes and move to set the next parameter.
The parameter set order is as follows:
- 12 or 24 Clock
- Hour
- Minute
- °F or °C
If no button is pressed for 5 seconds then the changes will be saved and the unit will exit the Set mode.

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4. Specification

Measurement Parameter	PM2.5	Humidity	Temperature
Measurement Range	0 to 999 µg/m³	1～ 99%RH	14°F～122°F (-9.9 °C～50°C)
Accuracy	0-100µg/m³: ±15 µg/m³ 101-500µg/m³: ±15% of Reading 501-999µg/m³: ±20% of Reading	±5%RH (40～80%RH) ±8%RH (Other range)	68°F～75°F：±1°F (32°F～68°F)&(75°F～104°F)：±2°F (32°F～14°F)&(104°F～122°F)：±3°F
Measuring Interval	5 seconds	30 seconds	30 seconds
Resolution	1 µg/m³	1%	0.1°C/0.1°F
Operation Temperature	-9.9°C～50°C (14°F～122°F)		
Power Supply	Micro USB power cable		
Input	100-240VAC, 50-60Hz		
Output	DC5V, 1000mA		
Case Material	ABS		
Size	81.5x80.6x30mm		
Weight	125g		
Color	Black		

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5. Tips and helps

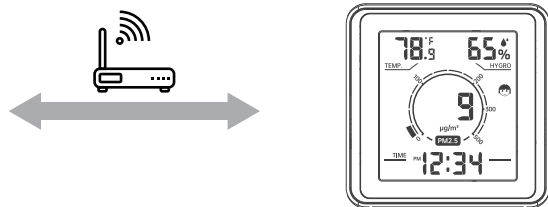5.1 Proper product placement ensures it can provide accurate readings.
• Make sure it is at the right height and has good airflow;
• Height: place at sitting or standing level, typically 3 to 6 feet(0.9to1.8m) above the floor. Airflow: include at least 2 inches(5.08cm) of clearance from walls or other solid objects;
• Avoid placing by direct sunlight or near heat sources such as vents, stoves, or other elements that emit heat;
• Avoid placing in an area where airflow changes often, such as by air conditioning and heat vents, fans, doors;
• Avoid placing the unit on or near a window or other uninsulated surface, such as a brick wall, that can get much warmer or cooler.

5.2 It's recommended to also ensure the two air inlets do not have accumulated dust. A gentle puff of air can help to clear the air inlets and remove dust particles.

GZAIR provides full after-sales service to all customers. If you have any questions or concerns, please email us via gzairservice**@outlook.com** and we will answer you within 24 hours.

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How to connect PM2.5 Meter to Tuya？
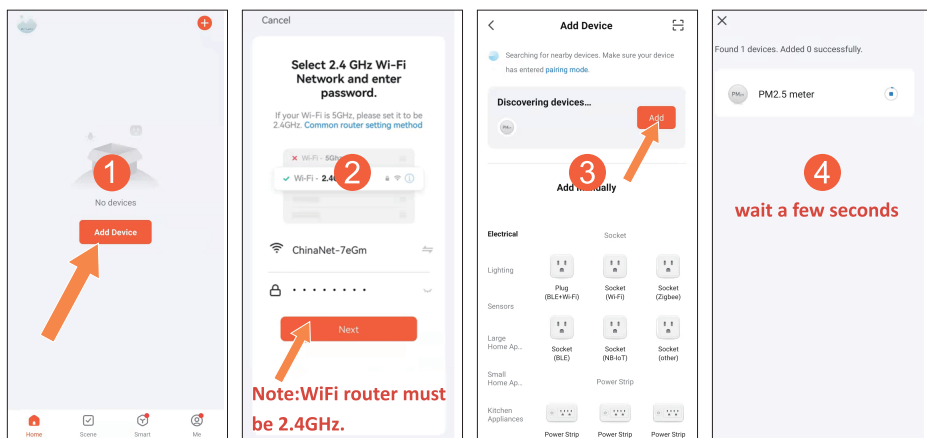
Download and install Tuya Smart APP

1. Device Operation: Press and hold the ▲ and ▼ buttons for 3 seconds. The time column will become "---", then the device is in pairing mode. You can open the Tuya APP to connect.
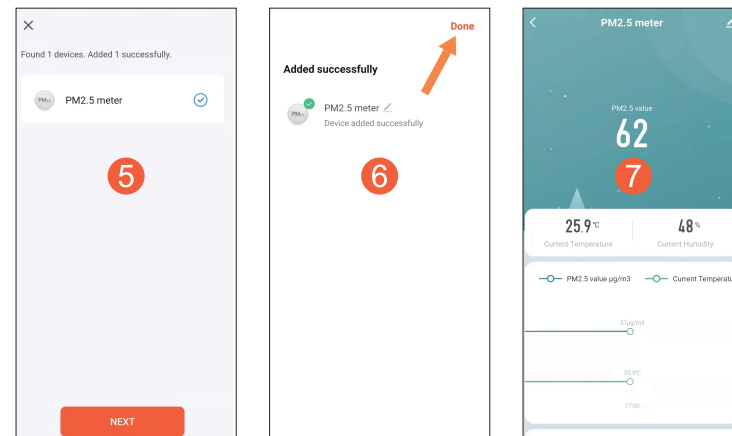
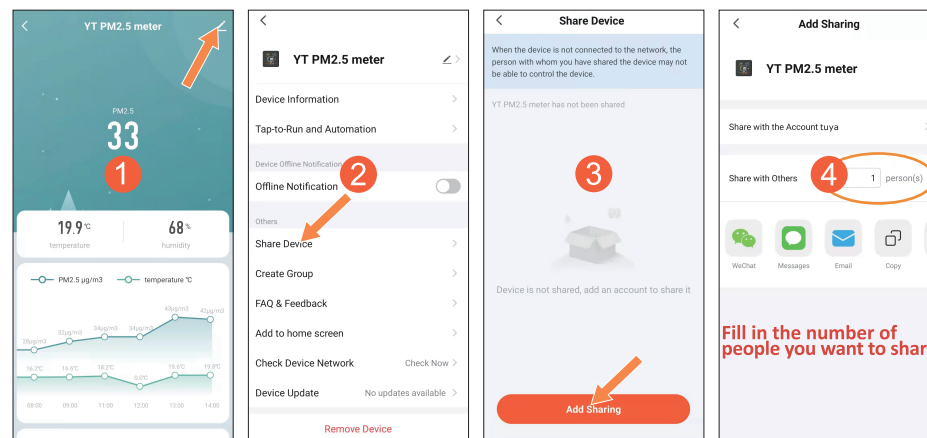❺

3. If there is no connection within three minutes, the unit will exit the paring mode.
4. If you want to connect to another phone or reset the connection, just reset the device by pressing the ▲ and ▼ buttons for 5 seconds until the time column flashes to start the new connection process.

Remark: Wi-Fi route must be 2.4GHz

Found 1 devices. Added 1 successfully.

PM2.5 meter

❺

NEXT

Added successfully

PM2.5 meter
Device added successfully

Done

❻

PM2.5 meter

PM2.5 value
62

25.9℃ Current Temperature   48% Current Humidity

PM2.5 value μg/m3   Current Temperature

❼

❼

2. APP Operation

No devices

Add Device

❶

Cancel

Select 2.4 GHz Wi-Fi Network and enter password.

If your Wi-Fi is 5GHz, please set it to be 2.4GHz. Common router setting method

✗ Wi-Fi - 5Ghz
✓ Wi-Fi - 2.4G

ChinaNet-7eGm

· · · · · · · ·

Next

❷

Note:WiFi router must be 2.4GHz.

Add Device

Searching for nearby devices. Make sure your device has entered pairing mode.

Discovering devices...

Add

Add manually

Electrical   Socket

Lighting   Plug (BLE+Wi-Fi)   Socket (Wi-Fi)   Socket (Zigbee)

Sensors

Large Home Ap...   Socket (BLE)   Socket (NB-IoT)   Socket (other)

Small Home Ap...   Power Strip

Kitchen Appliances   Power Strip   Power Strip   Power Strip

❸

Found 1 devices. Added 0 successfully.

PM2.5 meter

❹

wait a few seconds

How to share device with your family member?

YT PM2.5 meter

PM2.5
33

19.9℃ temperature   68% humidity

PM2.5 μg/m3   temperature ℃

❶

YT PM2.5 meter

Device Information
Tap-to-Run and Automation

Device Offline Notification
Offline Notification

Others
Share Device
Create Group
FAQ & Feedback
Add to home screen
Check Device Network   Check Now
Device Update   No updates available

Remove Device

❷

Share Device

When the device is not connected to the network, the person with whom you have shared the device may not be able to control the device.

YT PM2.5 meter has not been shared.

Device is not shared, add an account to share it

Add Sharing

❸

Add Sharing

YT PM2.5 meter

Share with the Account tuya

Share with Others   1   person(s)

WeChat   Messages   Email   Copy

Fill in the number of people you want to share

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❻

❽