

# WIFI Weather Station

## User Manual



EN----P01-P11

DE----P12-P22

FR----P23-P33

SP----P34-P44

IT----P45-P55

Please read this booklet thoroughly before using and save it for future reference.

# Weather Station

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## FUNCTIONS

- 3 Days weather forecast.(WIFI) .
- Automatic time calibration.(After connecting to WIFI).
- 12/24 hour time/month/day/week display.
- 3 sets of alarm clocks: APP can support separate setting for the week.
- Indoor&outdoor temperature and humidity.  
(Weather station can be matched with 3 sensors at the same time.)
- Max/min temperature and humidity record.
- Indoor comfort indicator.
- Indoor/outdoor temperature alert, set on APP.
- °C to °F switchable,set on weather station or APP.
- Moon phase,ultraviolet.
- Backlight ON/OFF function.(DC power supply is valid)

- Power Supply:

Weather Station: Adapter or 3 × LR6 AAA batteries

(WIFI function is only used when the weather station is powered by adapter)

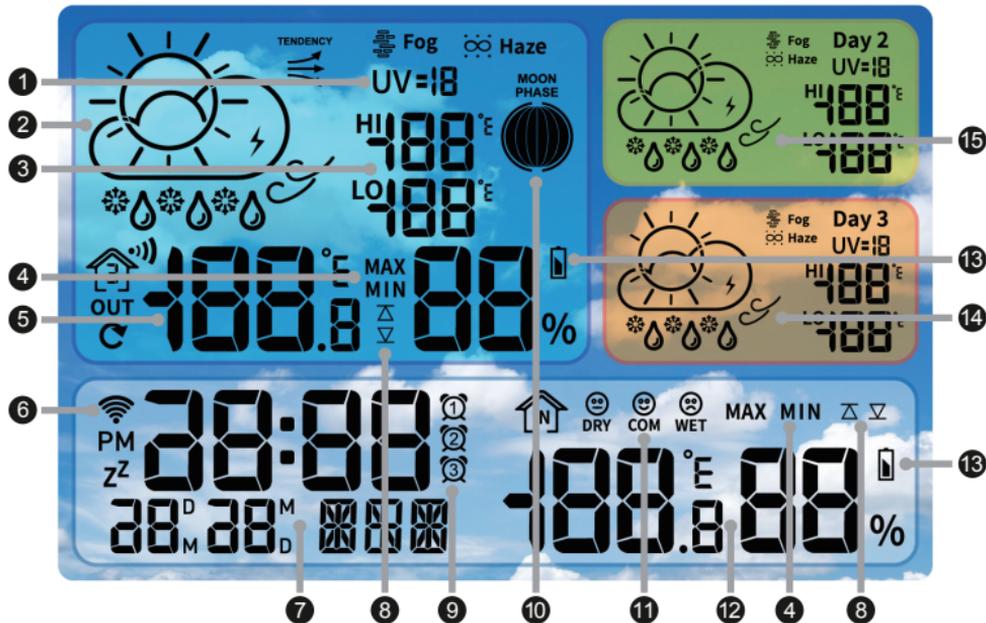
Sensor: 2 × LR6 AAA batteries;

- Connection Distance:

Weather station and thermometer&hygrometer sensor: 150M

(No Distractions/No Obstructions)

# SCREEN DISPLAY INTRODUCTION



1. Today UV Data

2. Today Weather Forecast

3. Today HI/LOW Temperature

4. Max/Min Temperature  
and Humidity Record

5. Sensor Temperature  
and Humidity

6. WIFI Icon

7. Time/Date/Week

8. Temperature Alert Icon

9. Alarm1/2/3 Icon

10. Moon Phase

11. Comfort Indicator

12. Indoor Temperature  
and Humidity

13. Battery Low Pressure Icon

14. Day 3 Weather Conditions

15. Day 2 Weather Conditions

## PRECAUTIONS BEFORE USE

1. Before use, please download the Tuya Smart APP from the mobile app store and register as a user.

APP ICON:



2. WIFI function is only used when the weather station is powered by adapter; Please make sure that your phone is properly connected to 2.4GHz network or 2.4/5GHz hybrid network, and do not connect to a wireless network that only supports 5GHz, and turn on bluetooth.

3. When the weather station is powered on, weather station automatically enter 5 minutes of WIFI reception and 3 minutes of sensor reception; If the automatic receiving time is not successfully received, you need to manually re-enter the receiving mode; Manual operation method, please refer to **Page 04-05** for WIFI connection and **Page 10** for the Sensor connection.

## WIFI RECEPTION

1. Before connecting, please make sure your phone is connected to WIFI and Bluetooth has turned on.

2. Press the button **WIFI** for more than 3 seconds to enter the WIFI manual reception mode, the WIFI bottom dot (●) of the signal (📶) is flashing.

3. Open the Tuya Smart APP, click the **Add Device** button to enter the device searching.

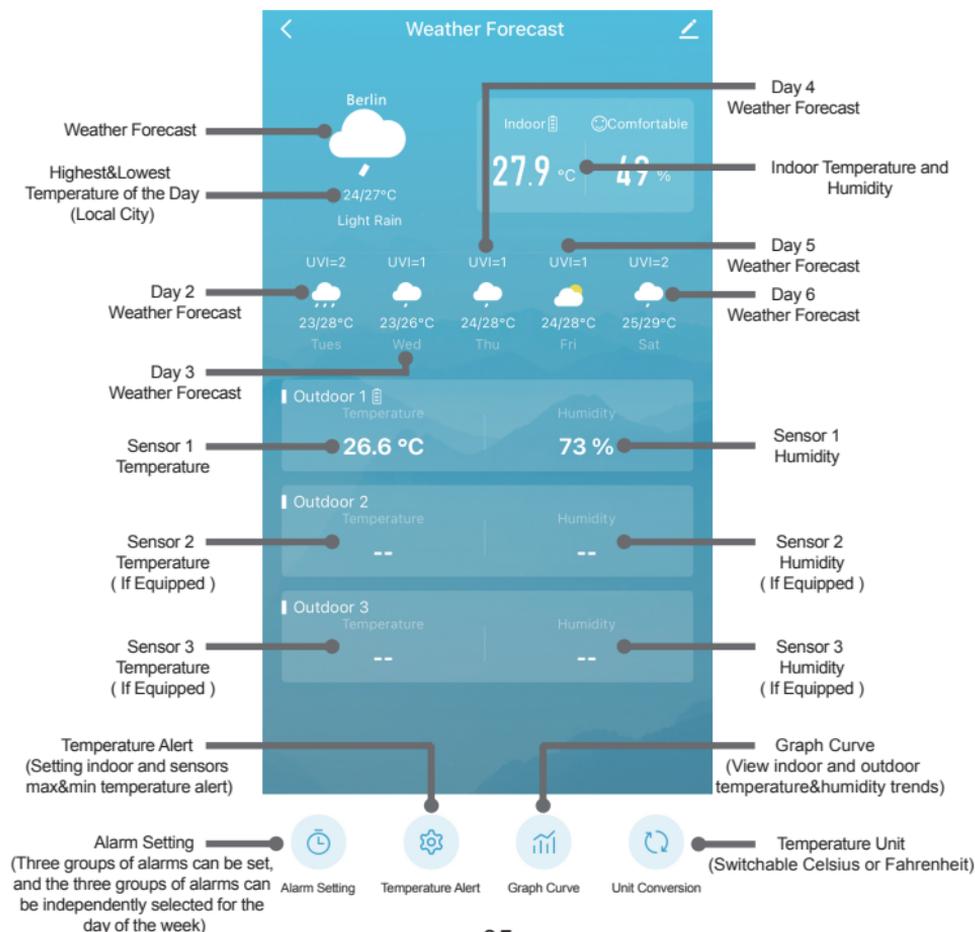
4. If the device is found, the Weather Forecast icon will appear; click the icon to enter the WIFI account and password settings and click the **Next** button add device; and then click the **Done** button to finish WIFI reception.

5. After connected to the WIFI, the APP will display local city name and

weather conditions; weather station will synchronize the date/time on the Internet with the local weather conditions.

6. After the WIFI connection is successful, if the city displayed on the APP is not your city, press the button **WIFI** for more than 3 seconds to re-enter the WIFI connection again. (Workers forgot to restore the factory settings when they was testing the functions.)

## APP OPERATION INTERFACE



## SETTING TIME MANUALLY

1. Press the button **MODE** for more than 3 seconds to enter the setting mode.
2. After entering time setting mode, each time you press the **MODE** button to confirm and enter the next setting item.
3. Setting order: Year→Month→Day→Month&Day Display Order→12/24HR→Hour→Minute→Exit.
4. Each time you press the **+** and **-** buttons, the set item will be added or subtracted by one step.
5. 10 seconds without any buttons operation, it will save the setting data and exit setting mode.

## ALARM SETTING

### SETTINGS ON APP

1. Open Tuya Smart APP and enter my device "Weather Forecast".
2. Press the Alarm Setting button at the bottom to enter the alarm setting.
3. There are 3 groups of alarms that can be set, and each group of alarms can choose the day of the week; after setting, click **Confirm** to save and exit the settings, click the switch button on the right to set the alarm ON/OFF.

### SETTINGS ON WEATHER STATION

1. Press the button **ALARM** to check alarm A1 or A2 or A3 time.
2. When checking the A1 time, the alarm symbol flashes. Press the button **ALARM** for 3 seconds to enter the hour setting, press the **ALARM** button again to enter the minute setting, press the **ALARM** button again to exit the setting. After setting, alarm is turned on and alarm symbol will display in the screen. A2 and A3 are the same as A1.
3. When alarm is turned on, press the button **ALARM** display A1 time, press the button **+** or **-** to turn off the alarm, A2 and A3 are the same as A1.

## TEMPERATURE DESCRIPTION

<b>INDOOR TEMPERATURE</b>	<b>Detection Range</b>	-9.9°C~50°C (14.0°F~122°F)
	<b>Display Resolution</b>	0.1°C(°F)
<b>SENSOR TEMPERATURE</b>	<b>Detection Range</b>	-40°C~60°C (-40°F~140°F)
	<b>Display Resolution</b>	0.1°C(°F)

1. Temperature accuracy: 0~40°C: ±1°C, Other range: ±2°C.
2. Default unit of temperature: °C. (Press the button **SNOOZE/LIGHT** for more than 3 seconds to switch unit, or switch on the Tuya Smart APP.
3. When the detected temperature exceeds the measurement range of the weather station, the temperature will be displayed as LL.L or HH.H.

## TEMPERATURE ALERT SETTING

1. Temperature alert only can be set on the Tuya Smart APP after the weather station connecting to WIFI.
2. Open the Tuya Smart APP, click on the bottom of the **Temperature Alert** to enter the setting, you can set the indoor temperature/outdoor1/outdoor2 outdoor3 alert.
3. Click the item you want to set, adjust the max and min temperatures, click the switch button and click the **Confirm** button to turn on the alert.
4. When the temperature alert is turned on, the temperature alert icon will be displayed on the weather station screen.
5. When the temperature reaches the setting of alert, the weather station will sound alarm (alarm sound for 5 seconds every minute) and the alert icon will flash, press any keys to turn off alarm sound, but the icon still flash. Until the temperature is no longer within the alert range, the alert icon stop flash.

## HUMIDITY DESCRIPTION

INDOOR HUMIDITY	Detection Range	20%RH~95%RH
	Display Resolution	1%RH
OUTDOOR HUMIDITY	Detection Range	20%RH~95%RH
	Display Resolution	1%RH

- 1.Humidity accuracy: 40%RH~80%RH:  $\pm 5\%$ RH, Other range:  $\pm 8\%$ RH.
- 2.If the detected indoor or outdoor humidity is lower than 20%RH, it will still be displayed as "20%RH", and if it is higher than 95%RH, it will still be displayed as "95%RH".

## MAX/MIN TEMPERATURE AND HUMIDITY

- 1.Press the button **MAX/MIN** to check the MAX&MIN temperature and humidity record.
- 2.Press the button **MAX/MIN** for more than 3 seconds to clear the record of MAX/MIN temperature and humidity; temperature displays "--.-" for 3 seconds, and then return to the current temperature display.
- 3.The MAX/MIN temperatures and humidity are recorded for the day.The datas will be cleared and recorded again at 0:00 am every day.

## MOON PHASE INSTRUCTION

The moon phase level is divided into 12 levels, as shown below:



New Moon → Crescent Moon → First Quarter Moon → Waxing Gibbous Moon → Full Moon → Waning Gibbous Moon → Last Quarter Moon → Waning Moon

## WEATHER GRAPHIC MEANING

The rainfall part of the weather station is not divided into large and small, and the LCD display has only one rain symbol; Different rainfall and more weather can be displayed in the Tuya Smart APP.

Sunny	Partly Cloudy	Cloudy	Thundershower	Thunderbolt	Thunderstorm
Light Rain	Moderate Rain	Heavy Rain	Rainstorm(icon Flashes)	Shower	Heavy Shower
Light Snow	Moderate Snow	Heavy Snow	Snowstorm(icon Flashes)	Snow Shower	Heavy Snow Shower
Sleet	Fog	Haze	Sand Blowing	Sandstorm(icon Flashes)	

The weather icon will be **flashed** on weather station screen as below:  
Rainstorm/Snowstorm/Sandstorm

## INDOOR COMFORT INDICATION

The climate level at the measuring point is shown on the display with a smiley icon:

icon	temperature	condition	relative humidity
	19 - 25 °C	and at the same time	40 - 60 %
	15-18.9°C, 25.1-30°C	or	30-39 %, 61-70 %
	<15 °C, >30 °C	or	<30 %, > 70 %

## WEATHER STATION&SENSOR CHANNEL

- 1.Press the button **CH** on the weather station to switch channels. The switching order is CH1→CH2→CH3→CH1/CH2/CH3 cycle display( A loop icon will display below the channel).
- 2.Press the button **CH** on the weather station for more than 3 seconds to clear the sensor's data and re-enter the sensor receiving.
- 3.Open the sensor battery compartment and adjust the sensor channel to the same as the weather station channel.
- 4.There is a **TX** button in the battery compartment of the sensor, which can manually transmit signal to connect weather station.

## SNOOZE&BACKLIGHT

- 1.When the alarm sounds, press the **SNOOZE/LIGHT** button to enter the 5-minute snooze mode; press any button except **SNOOZE/LIGHT** to stop the alarm.
- 2.When the alarm sounds, it will stop after 2 minutes if no key is pressed.
- 3.Press the button **SNOOZE/LIGHT** to turn off or turn on backlight when weather station power on adapter; press the button **SNOOZE/LIGHT** to switch on the short-term backlight for 10 seconds when weather station power on battery.

## BATTERY CHANGE

- 1.Replace the batteries in the wireless sensor if the battery low pressure icon appears on the weather station and sensor screen.
- 2.Replace the batteries in the weather station if the battery low pressure icon appears on the weather station.
- 3.After replacing the batteries, the weather station and sensor need to be reconnected manually.