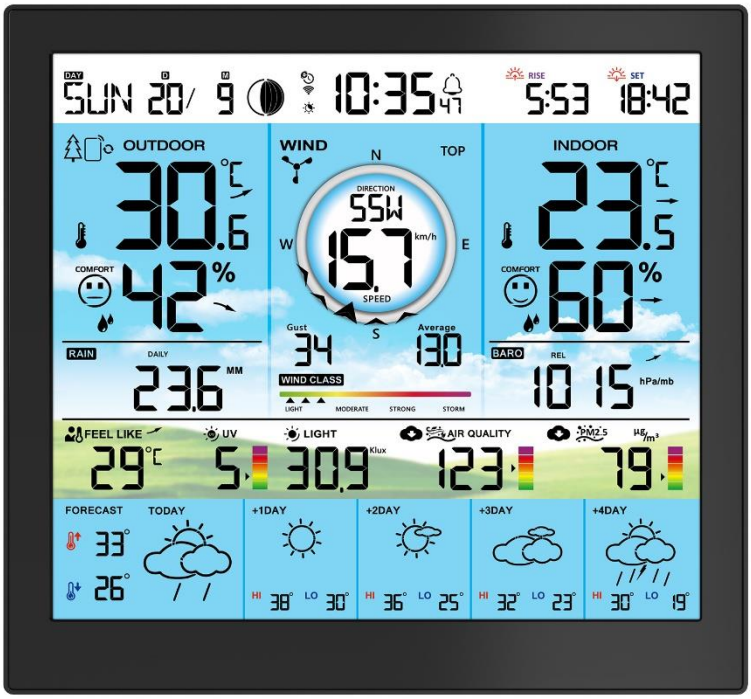
PROFESSIONAL WEATHER STATION



Features:

- Perpetual Calendar Up to Year 2099
- Automatic calibration of network time service
- Day of week in 15 languages user selectable: English, German, French, Spanish, Italian, Dutch, Danish, Portuguese, Norwegian, Swedish, Polish, Finnish, Czech, Hungarian, and Slovak
- Daily Alarm with snooze function (4 alarms)
- Local sunrise and sunset time and lunar phase
- Temperature:
  - — Maximum range of indoor temperature detection display: -20°C (-4°F) to 50°C (122°F)
  - — Maximum range of outdoor temperature detection display: -40°C (-40°F) to 70°C (158°F)
- Humidity:
  - — Maximum range of indoor and outdoor humidity detection display: 1% to 99 %
  - — Level 5 indoor and outdoor comfort display - data source temperature and humidity
- Air pressure:
  - — Maximum range of atmospheric pressure measurement display:
    600 to 1100 hPa (17.72 to 32.48 inHg or 450 to 825.1 mmHg)
- Rain
  - — Maximum range displayed for rainfall measurement: 0 to 9999mm (0-393.6 inches)
- Wind
  - — Maximum range displayed for wind speed measurement: 0 to 180 km/h (0 to 111 mph)
  - — Maximum range displayed for wind direction measurement: 0 to 359 degrees
  - — Display of 12 Beaufort Wind Scale
- Light and UV index
  - — Maximum range of light intensity measurement display: 0 to 128 klux (0 to 1378 kfc)
  - — Maximum range of UV index measurement display: 0 to 15 level
  - — Level 5 UVI sun exposure level indication
- Wireless Outdoor Sensor:
  - — 433.92MHz RF transmitting frequency
  - — 100 meters (300 feet) transmission range in an open area, not including walls or floors.
- Record of temperature, humidity, wind speed, rainfall and Light intensity
- Display of feels like temperature, wind chill temperature, heat index, dew point temperature
- Connects directly to wifi network, connect to Tuya Smart System
- Future weather forecast and temperature report function, with weather forecast information provided by the network for a total of 5 days (including the same day)
- Upload the detected meteorological data (temperature, humidity, wind speed, etc.) to graffiti intelligence, display it on the APP, and perform data statistics curve display
- Air quality of PM2.5 and AQI

— PM2.5 and AQI data source network

—PM2.5 alternatively in μg/m^3

- Level 4 display backlight
- Power Supply:

Weather station:

Equipment power input: DC 5V more than 1A (Power cord or power adapter)

Battery: 2 x LR6 AA 1.5V

Multi-combination Wireless Remote Sensor:

Battery:3 x LR6 AAA 1.5V

Temperature | Humidity Wireless Remote Sensor (This sensor is not configured, please purchase separately if needed)

Battery:2 x LR6 AAA 1.5V

F.Y.I.:

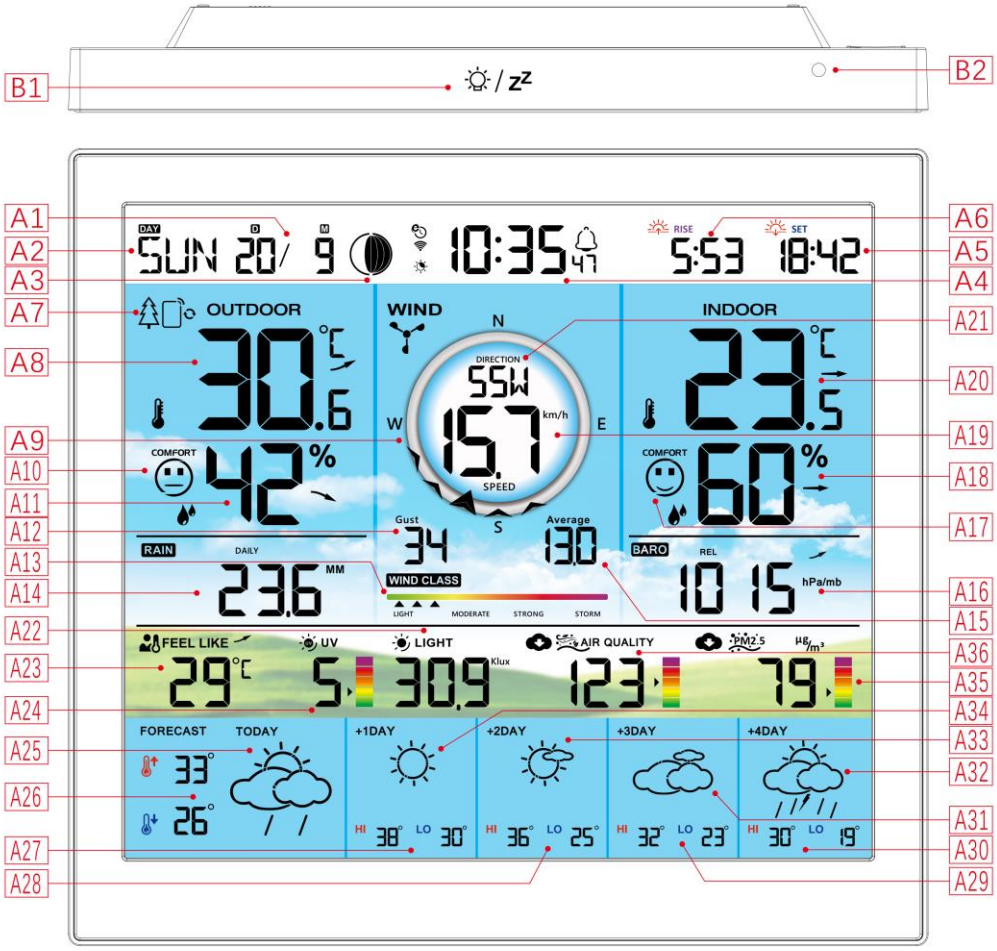
The main unit of the weather station can operate at temperatures ranging from 0 °C to+50°C. If the function exceeds the range, it may cause abnormalities. Please use it in this environment

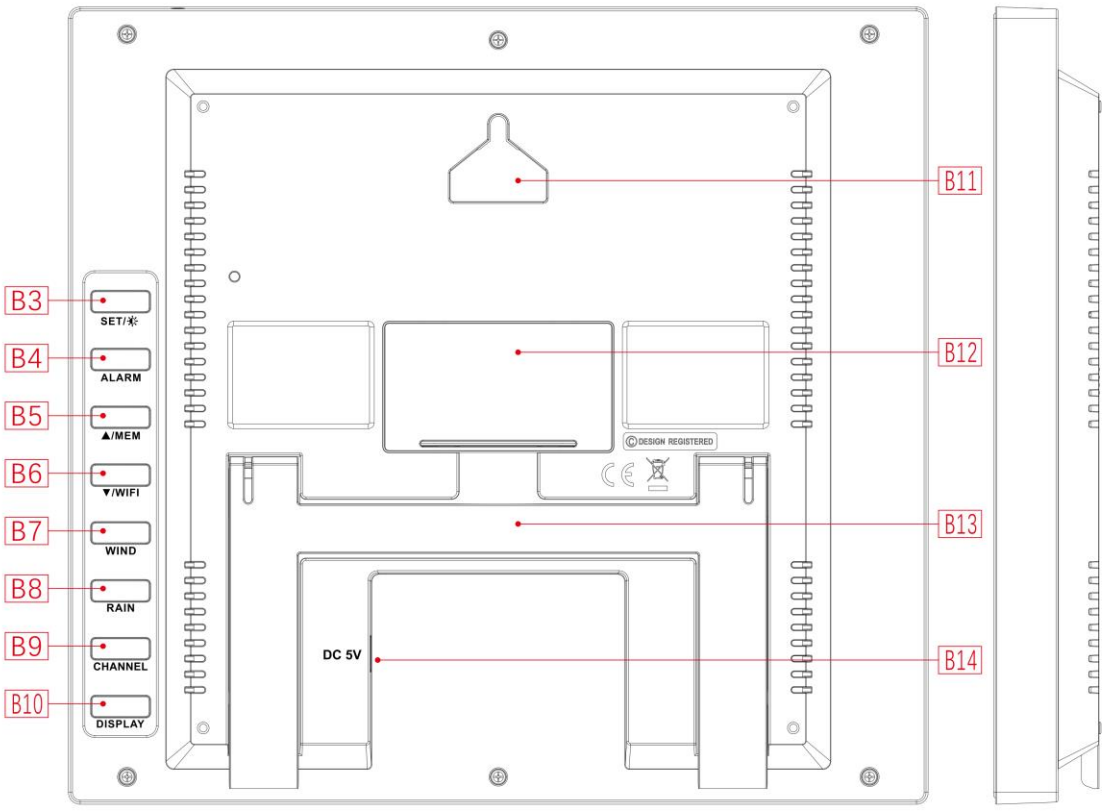
The wireless remote sensor can work at -30°C to +70°C. Please choose the right battery according to the limit temperature of the wireless sensor:

Alkaline zinc manganese battery can work at -20°C to +60°C

Polymer lithium ion rechargeable battery can work at -40°C to +70°C.

Weather Station Appearance





Part A-Positive LCD

A1: Calendar

A2: Day of the week

A3: Moon phase

A4: Time

A5: Sunset time

A6: Sunrise time

A7: Outdoor wireless channel

A8: Outdoor temperature

A9: Wind direction steering wheel

A10: Outdoor comfort icon

A11: Outdoor humidity

A12: Value of gust

A13: Beaufort scale

A14: Rainfall

A15: Value of wind speed

A16: Air pressure

A17: Indoor comfort icon

A18: Indoor humidity

A19: Value of average wind speed

A20: Indoor temperature

A21: Wind direction

A22: Light intensity

A23: Feels like temperature

A24: UV index

A25: Weather forecast for the today

A26: Predicted maximum and minimum temperature for today

A27: Predicted maximum and minimum temperature for the next +1 day

A28: Predicted maximum and minimum temperature for the next +2 day

A29: Predicted maximum and minimum temperature for the next +3 day

A30: Predicted maximum and minimum temperature for the next +4 day

A31: Weather forecast for the next +3 day

A32: Weather forecast for the next +4 day

A33: Weather forecast for the next +2 day

A34: Weather forecast for the next +1 day

A35: PM2.5 from Internet data

A36: AQI from Internet data

Network time Icon

: WIFI signal strength indicator

: Low battery icon

: Icon for automatic backlight adjustment

: Alarm1 icon

: Alarm2 icon

: Alarm3 icon

: Alarm4 icon

: Repetition of alarm clock: icons from Monday to Friday

: Repetition of alarm clock: icons from Saturday to Sunday

Alarm snooze icon

: Wireless receiving icon

: Wireless channel loop icon

Temperature | humidity | Pressure up trend arrow

Temperature | humidity| Pressure constant trend arrow

Temperature | humidity | Pressure down trend arrow

Multi-combination wireless sensor icon

3 channels of temperature | humidity wireless

remote sensor

MAX: Display the maximum temperature and humidity record icon

MIN: Display the minimum temperature and humidity record icon

Part B –Buttons and Exterior

B1: "☼/zz" Snooze/Light touch location

B2: Light sensor

B3: "SET/☼" Time and unit Setting and brightness button

B4: "ALARM" Alarm setting button

B5: "▲/MEM" Up and memory button

B6: "▼/WIFI" Down and WIFI pairing button

B7: "WIND" Wind speed related operation button

B8: "RAIN" Rainfall related operation button

B9: "CHANNEL" Channel Switching button

B10: "Display" Display view switching operation button

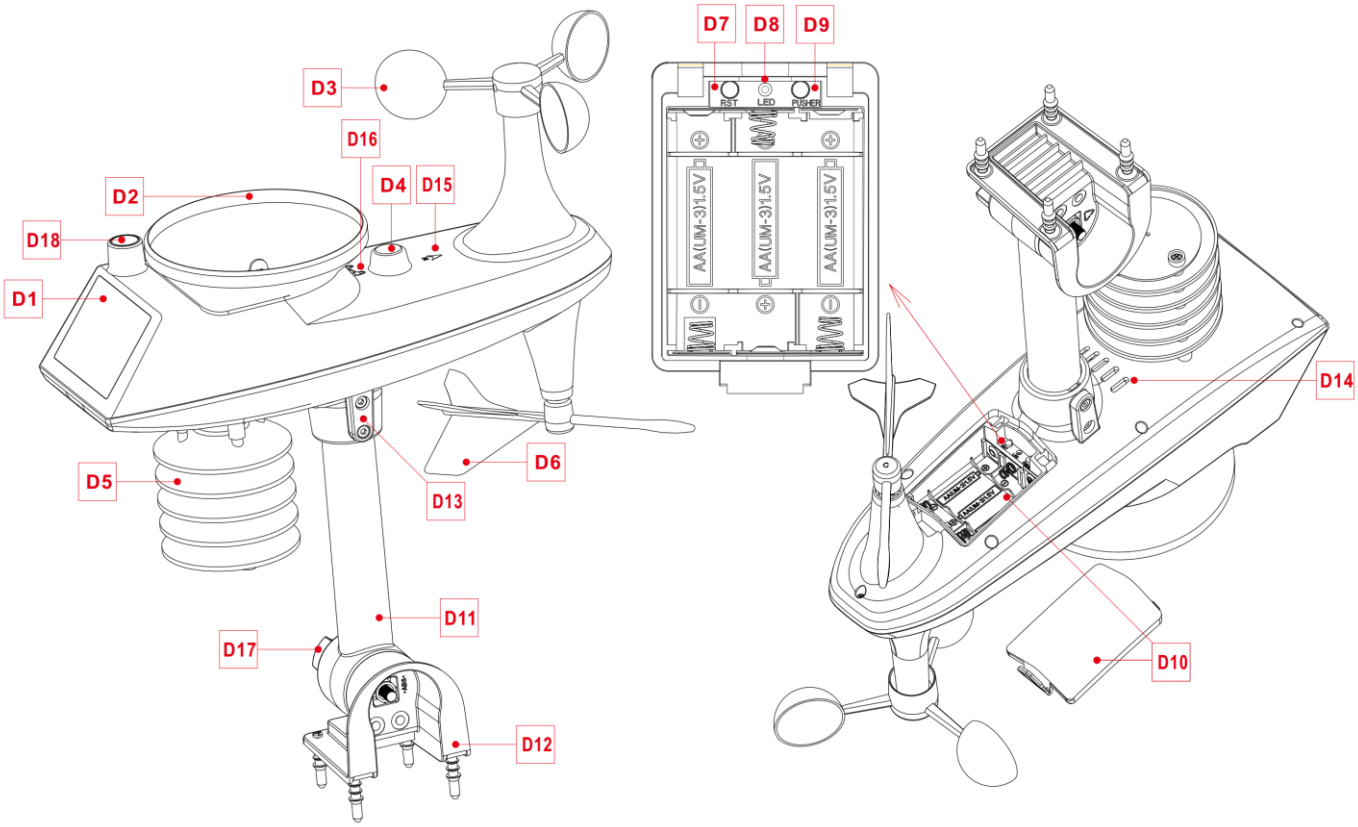
B11: Hanging hole

B12: Battery compartment

B13: Support frame

B14: Power supply socket-TYPE-C

Multi-combination Wireless Remote Sensor Appearance



Part D –Exterior

D1: Solar panel

D2: Rain funnel

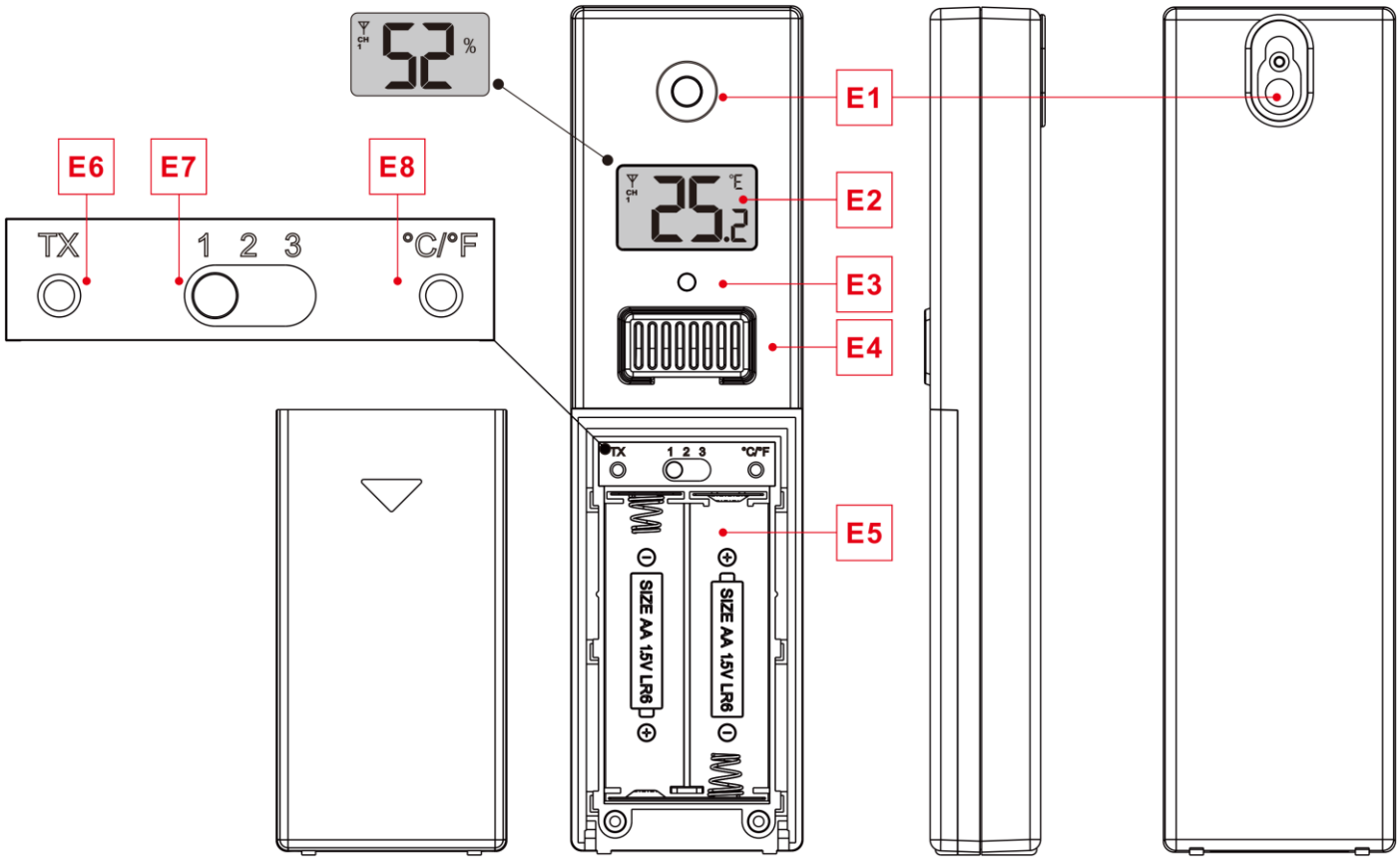
D3: Wind cups

D4: Bubble level

D5: Temperature | humidity induction box
D6: Wind Directional Vane
D7: Reset button
D8: LED indicator
D9: Manual transmit signal button
D10: Battery compartment
D11: Support rod
D12: Fixed base
D13: Socket head cap screws
D14: Drain vents For rain sensor
D15: North direction mark
D16: Rain funnel rotation mark
D17: Large nut for fixing the support rod and the base
D18: Lighting and UV sensors

Temperature | Humidity Wireless Remote Sensor Appearance

(This sensor is not configured, please purchase separately if needed)



Part E –Exterior

E1: Hanging hole
E2: LCD display
E3: LED indicator
E4: Temperature | Humidity sensing louver
E5: Battery compartment
E6: Manual transmit signal button “TX”
E7: “CHANNEL 1 or 2 or 3” switch
E8: Reset button

Setup Preparation

Items you will need to setup your station (not included):

1. Crosshead screwdriver and hex driver for assembly.
2. Fresh Batteries:

    2 (two) AA alkaline or lithium batteries for the weather station.

    3 (three) AA alkaline or lithium batteries for the multi-combination sensor.

For best results:

- Remove weather station and sensors from the package and place together on a table or bench, within easy reach.
- Place batteries and screwdriver within reach of setup location.
- Keep sensors and weather station 0.15-0.3 meter or 5-10 feet for at least 15 minutes after installing batteries, to allow the sensors and station to connect repeatedly.

Download Tuya Smart App:

Available on the App Store Available on the Google play APP ICON

According to the mobile phone brand, search for graffiti through the IOS APP Store or Android Google Play, find the APP with the icon below, and download the APP. At the same time, register an account, open the APP, log in to the account, and at the same time log in to the hotspot that the weather station needs to connect to, as a preparation for device pairing.

Quick Setup

1. Insert 3 AA batteries into the multi-combination wireless remote sensor
2. Then plug the power cord into the weather station
3. Download the corresponding APP on the mobile phone, open the APP, register the user and log in, and pair the weather station with the WIFI and server information according to the prompt of the APP.
4. Configure basic settings by operating the APP or product. Set time, date, unit, etc.
5. Insert 2 AA batteries into the weather station (when the power adapter is unexpectedly powered off, the settings will not be lost)
6. Move the remote sensor to outdoor or other location after 5 minutes

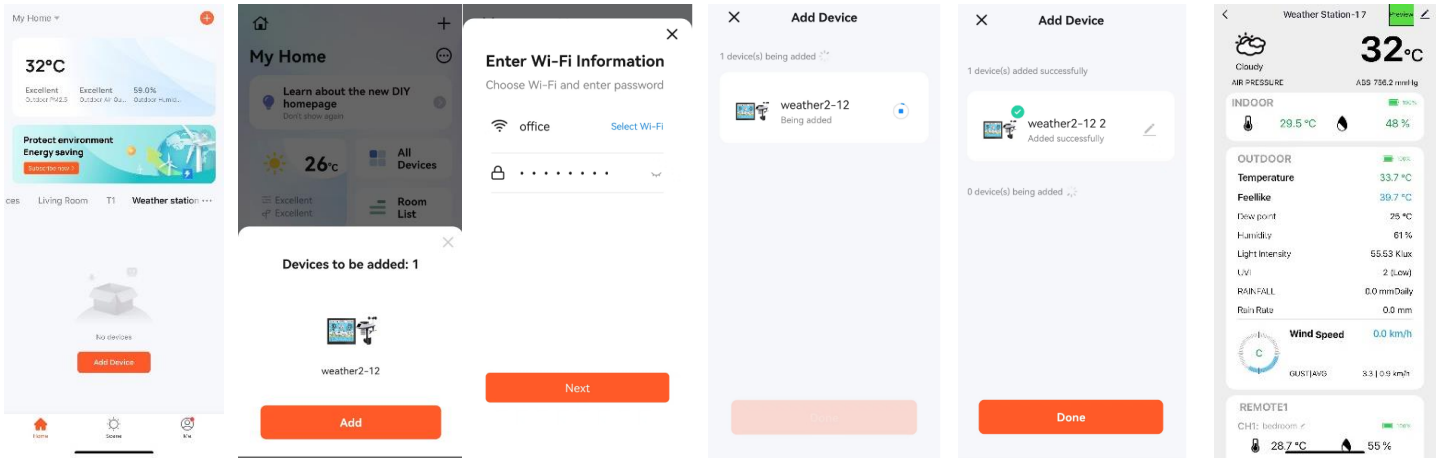
WIFI pairing

▸ After the weather station starts, it will automatically enter the paired AP mode, and the time bar will display “AP”, and now pairing can begin

▸ Open the Tuya app and wait for a moment. The app interface will automatically pop up a window for discovering devices. Click "Add" to switch to WIFI settings on the interface

▸ Then follow the APP prompts, step 3: set the WIFI name and password, step 4: pairing process, wait for the screen to change to step 5, click Finish, switch to the main interface of step 6, indicating that the pairing is complete.

Step1 step2 step3 step4 step5 step6



Note: The paired WIFI hotspot must be 2.4GHz, this product only supports 2.4GHz wireless network

- If the product does not automatically enter the pairing mode when powered on for the first time, you can press and hold the **"-"** button for more than 3 seconds to enter the pairing mode manually, the display prompt is the same as automatic entry.
- After the pairing is completed, the weather station will automatically connect to the WLAN, automatically update the network time, and start searching for signals from remote wireless sensors. The "" icon blinks for about 3 minutes. At this time, if the outdoor wireless sensor is working normally, the host will start to search for the signal of the remote wireless sensor in about 1-2 minutes. When a signal is received indoors, the outdoor temperature and humidity will be displayed on the display of the main unit.

Wireless sensor connection

- The weather station can connect up to 1 Multi-combination wireless sensor and 3 different channels of temperature | humidity wireless sensor (If you need this remote single temperature and humidity sensor, please purchase separately).
- The weather station automatically searches for all wireless sensors within 3 minutes of power-on and registers the sensor IDs. Each sensor generates a random ID after power-on to distinguish the sensors.
- In the main display interface, press the "CHANNEL" button to convert the values of wireless sensors on different channels in the OUT temperature and humidity column.

  Note: In the channel icon (where A1 is displayed), the number of channels is displayed: (representing multiple combination wireless sensors) | CH1 | CH2 | CH3 (representing three channels of temperature and humidity wireless sensors) | Loop mode

  Note: In the loop mode, the display of the number of channels and temperature and humidity in the OUT column switches to one channel every 5 seconds, in the order | CH1 | CH2 | CH3. If the channel has no signal, it will automatically skip during the loop.

  Note: In the loop mode, only the values of temperature and humidity are being converted, and the values of wind speed, wind direction, rainfall, etc. are not converted, and the values are still derived from the Multi-combination wireless sensor.

  Note: When the weather station loses sensor signals or the sensor is not connected to the channel, the value of the channel is displayed as "--"

- If you need to add a new sensor or replace a sensor, press the “CHANNEL” button to switch to the corresponding communication, and then press and hold the “CHANNEL” button for more than 3 seconds. The weather station will search for a signal for 3 minutes again, and the new channel sensor will be added to the weather station within 3 minutes.

Note: When adding a new sensor or replacing a sensor (old sensor replacement battery), you need to turn on the sensor power first, then follow the steps above to control the weather station.

Note: When the channel icon (the position of the display A15) displays the low voltage icon “” , the battery of the corresponding channel wireless sensor is replaced according to the channel number of the channel icon. Then follow the steps above to re-add the wireless sensor to the weather station.

Time and unit settings

- Press and hold the “SET/” button for 3 seconds to enter the time setting mode.
- Press and release the “▲/MEM” or “▼/WIFI” button to adjust the value. Hold the “▲/MEM” or “▼/WIFI” button to adjust quickly.
- Press and release the “SET/” button to confirm and move to the next item.

Note: Wait for 20 seconds without pressing any buttons, or double-click on the “/” touch position to exit the setting mode.

Settings order:

1. Temperature unit: °C | °F
2. Pressure unit: hPa| inHg | mmHg
3. Air pressure setting: absolute or relative
4. Wind speed unit: km/h |mph | m/s | knots
5. Wind degree (angle) or direction (letter) selection
6. Rainfall unit: MM| inch
7. Light unit: Klux | Kfc | W/m^2
8. Hour format: 24Hr | 12Hr
9. Hour
10. minutes
11. Calendar display format: Month/Date | Date/Month
12. Year
13. Month
14. Date
15. Week display language: a total of 15 countries

Note: In the set time, the number of minutes of the change, automatically from the zero second forward

Note: There are 15 languages of Weekday: English, German, French, Spanish, Italian, Dutch, Danish, Portuguese, Norwegian, Swedish, Polish, Finnish, Czech, Hungarian, and Slovakia

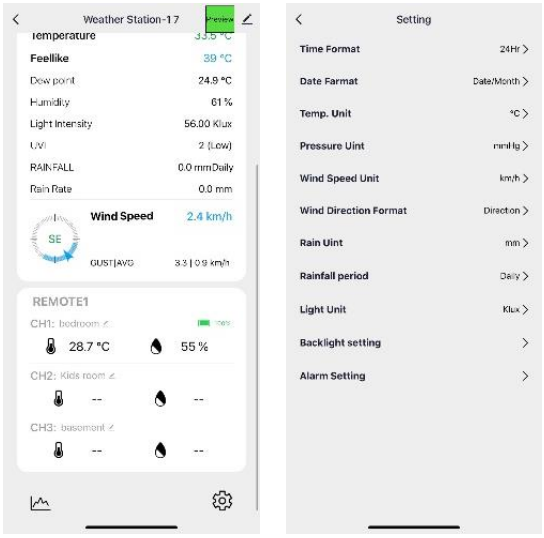
Week language display

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
ENGLISH	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
ENG	MON	TUE	WED	THU	FRI	SAT	SUN
GERMAN	MONTAG	DIENSTAG	MITTWOCH	DONNERSTAG	FREITAG	SAMSTAG	SONNTAG
GER	MON	DIE	MIT	DON	FRE	SAM	SON
FRENCH	LUNDI	MARDI	MERCREDI	JEUDI	VENDREDI	SAMEDI	DIMANCHE
FRE	LUN	MAR	MER	JEU	VEN	SAM	DIM
ITALIAN	LUNEDI	MARTEDÌ	MERCOLEDÌ	GIOVEDI	VENERDÌ	SABATO	DOMENICA
ITA	LUN	MAR	MER	GIO	VEN	SAB	DOM
SPANISH	LUNES	MARTES	MIERCOLES	JUEVES	VIERNES	SABADO	DOMINGO
SPA	LUN	MAR	MIE	JUE	VIE	SAB	DOM
PORTUGUESE	SEGUNDA-FEIRA	TERÇA	QUARTA-FEIRA	QUINTA-FEIRA	SEXTA-FEIRA	SABADO	DOMINGO
POR	SEG	TER	QUA	QUI	SEX	SAB	DOM
DUTCH	MAANDAG	DINSDAG	WOENSDAG	DONDERDAG	VRIJDAG	ZATERDAG	ZONDAG
DUT	MAA	DIN	WOE	DON	VRI	ZAT	ZON
DANISH	MANDAG	TIRSDAG	ONSDAG	TORSDAG	FREDAG	LØRDAG	SØNDAG
DAN	MAN	TIR	ONS	TOR	FRE	LOR	SON
NORWEGIAN	MANDAG	TIRSDAG	ONSDAG	TORSDAG	FREDAG	LØRDAG	SØNDAG
NOR	MAN	TIR	ONS	TOR	FRE	LOR	SON
SWEDISH	MÅNDAG	TISDAG	ONSDAG	TORSDAG	FREDAG	LÖRDAG	SÖNDAG
SWE	MAN	TIS	ONS	TOR	FRE	LOR	SON
POLISH	PONIEDZIAŁEK	WTOREK	ŚRODA	CZWARTEK	PIĄTEK	SOBOTA	NIEDZIELA
POL	PON	WTO	SRO	CZW	PIA	SOB	NIE
FINNISH	MAANANTAI	TIISTAI	KESKIVIIKKO	TORSTAI	PERJANTAI	LAUANTAI	SUNNUNTAI
FIN	MAN	TII	KIS	TOR	PER	LAU	SUN
CZECH	PONDĚLÍ	ÚTERÝ	STŘEDA	ČTVRTEK	PÁTEK	SOBOTA	NEDĚLE
CZE	PON	UTE	STR	CTV	PAT	SOB	NED
HUNGARIAN	HÉTFŐ	KEDD	SZERDA	CSÜTÖRTÖK	PÉNTEK	SZOMBAT	VASÁRNAP
HUN	HET	KED	SZE	CSU	PEN	SZO	VAS
Slovakia	Pondelok	utorok	Streda	Štvrtok	piatok	sobota	nedeľa
SVK	PON	UTO	STR	STV	PIA	SOB	NED

APP setting unit:

- When the weather station is paired and connected to WIFI, the time of the weather station will be automatically calibrated, and the time will automatically become the local current time. At the same time, click the setting icon “⚙” on the APP Home screen to switch to the setting interface, and then click the corresponding menu bar to set the unit

Main interface second interface



Setting the daily alarms:

▸ There are 4 sets of daily alarm clocks, and there are two setting methods. Use the button operation of the weather station to set or click the alarm clock setting item in the Tuya APP interface to set.

Button operation of weather station

▸ Short press the "ALARM" button to switch the time interface displayed in AL1 | AL2 | AL3 | AL4. In these three interfaces, short press the"▲/MEM"0 button to turn on or off the corresponding alarm function, When opened, the corresponding alarm icon displays.

▸ In these three ALARM interfaces, press and hold the "ALARM" button for more than 3 seconds to enter the setting mode of the corresponding alarm time

▸ Press the "▲/MEM" or "▼/WIFI" button to adjust the value. Hold the "▲/MEM" or "▼/WIFI" button to adjust quickly.

▸ Press the "⚙" button to confirm and move to the next item.

Note: When the function of AL1 | AL2 | AL3 | AL4 is turned on, the alarm icon" is displayed. At the same time, the relevant alarm repeat icon "MO" | "TU" | "WE" | "TH" | "FR" | "SA" | "SU" is displayed

Note: "MO" | "TU" | "WE" | "TH" | "FR" | "SA" | "SU" display indicates that an alarm will be triggered on Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday

Note: Wait for 20 seconds without pressing any buttons, or double-click on the "☼/ZZ" touch position to exit the setting mode.

Settings order:

1. Hours of alarm time
2. Minutes of the alarm time
3. Week repeat of the alarm
4. snooze time: 5 to 60minutes | OFF

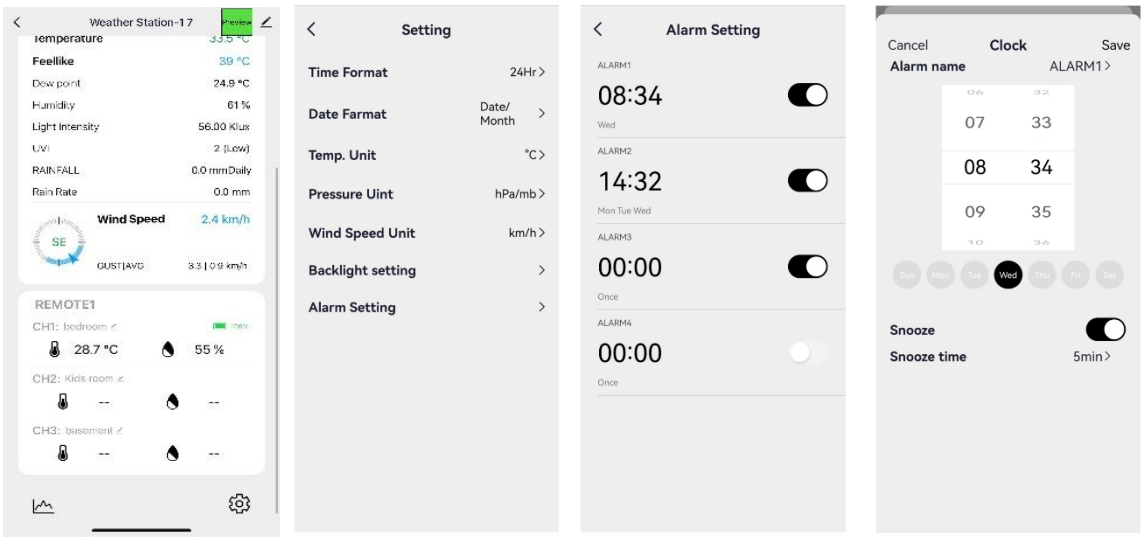
Note: The manual setting of noise repetition can be selected from "MO, TU, WE, TH, FR or SA, SU, or all three options

Note: The snooze time setting range: 5 ~ 60MIN, OFF, when set to OFF, means no snooze function. Snooze time unit is minutes.

APP setting alarm

- When the weather station is paired and connected to WIFI, the time of the weather station will be automatically calibrated and the time will automatically change to the current local time. At the same time, click the setting icon "⚙" on the main screen of the APP to switch to the setting interface, and then click on "Alarm Setting" in the menu bar to enter the lower menu for setting.

Main interface | Second interface | Third interface | Fourth interface



Note: Weekly repetition in the APP can be set independently for each day

Note: The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case the alarm will be repeated automatically after 24 hours.

Note: Rising alarm sound (crescendo, duration: 2 minutes) changes the volume 4 times whilst the alarm signal is heard.

Switching off the alarm signal

- The alarm sound when the trigger, press any buttons except the "☼/ᶻᶻ" touch button or touch and hold the "☼/ᶻᶻ"

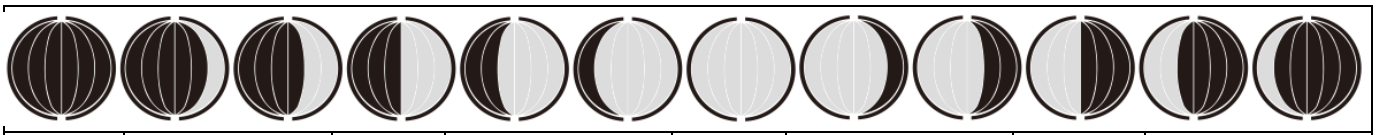
button for more than 3 seconds to stop the alarm signal.

Snooze function:

- When the time is up to the alarm, touch and release the "☼/zz" touch button, the alarm signal stops, and enter the snooze timing mode. At the end of the snooze timer, it will ring again (can repeat snooze)
- In snooze timing mode, press any buttons except the "☼/zz" touch button or touch hold down the "SNOOZE/LIGHT" touch button for more than 3 seconds to exit the snooze mode

Moon phases:

- The moon icon of the meteorological station will also display 12 different lunar phases based on the calendar.



New moon	Waxing half-moon	Half-moon	Waxing full moon	Full moon	Waning full moon	Half-moon	Waning half-moon

Sunrise and sunset times：

- When the weather station is pairing with Wi-Fi, the location of the mobile phone will be set as the location of the weather station by default. The cloud server will push the sunrise and sunset times of the location to the weather station based on the location reported by the pairing.

Temperature | Humidity | Light Intensity | UV Index | Air Pressure

Reading | Record |Trend

- Press the "▼/WIFI" button to switch the display of feel like temperature, dew point temperature, heat index and Wind chill.

  Note: feels like temperature, dew point temperature, heat index and wind chill index is related to the value detected by the multi-combined wireless remote sensor.

  Note: After viewing, it will automatically return to the display of feels like temperature 20 seconds later

- Press the "▲/MEM" button to view the records of the maximum and minimum values of temperature, humidity, and light intensity.
- In the mode of viewing maximum and minimum values, press and hold the"▲/MEM" button for 3 seconds to clear all history of indoor temperature | Humidity and outdoor remote temperature | Humidity | light intensity and feels like temperature | dew point temperature | heat index | wind chill index

  Note: When cleared, the above values will first be displayed as "--", and then the current values will be re stored.

- Indoor temperature | Humidity and outdoor remote temperature | Humidity | light intensity and feels like temperature and air pressure will have trend change tips

  ↗ : Detected value is rising.

: Detected value drops.

: Detected value remains unchanged.

- The UV index has five status indications: low (0 to 2), moderate (3 to 5), high (6 to 7), very high (8 to 10), extreme (11+), using 5 triangular arrows to indicate the 5 statuses from bottom to top, green for low and purple for extreme

Wind Readings | History

- There are 3 sets of wind speed data: real-time wind speed, average wind speed and gust

  WIND SPEED: average speed over the past 30 seconds

  GUST WIND SPEED: Maximum average wind speed every 3 seconds for 30 seconds

  AGE WIND SPEED：10-minute average wind speed

- Wind direction can be displayed in two directions: In letters or degrees

  Note: Calm wind means the real-time wind speed is ≤0.2m/s. At this time, the wind direction angle cannot be confirmed, and the wind direction is displayed as C, indicating calm wind.

- View history: Press and release the "**WIND**" button to view the maximum wind and gust history values: 1 Hour (default) | 24 Hour | 7 Days | Month | Year

  Note: 1 hr: 1 hr refers to the wind speed record of this hour, from 00:00 to the current time, the longest record is within 60 minutes

  DAY: DAY refers to the wind speed record of this day, from 0:00 to the current time, the longest record is 24 hours.

  7 DAYS: 7 DAYS refers to the wind speed record of this week, from 0:00 on Sunday of this week to the current time, the longest record is 1 week.

  Month: MONTH refers to the wind speed record of this month, from the 1st of this month to the current time, the longest record is 1 month.

  Year: YEAR refers to the wind speed record of this year, from January 1st of this year to the current time, the longest record is 1 year.

- In the mode of viewing wind speed history, press and hold the "**WIND**" button for 3 seconds to clear all history of wind speed.

  Note: Wind speed reading will reset to current wind speed.

  Note: Wait for 20 seconds without pressing any buttons, or double-click on the "☼/ZZ" touch position to exit the viewing modes.

- Wind force level (Beaufort wind scale) is calculated based on the average wind speed over 1 hour, as shown in the following table:

Beaufort wind scale	AGE WIND SPEED			
	m/s	Km/h	mph	knots
0	0~0.2	<1	<1	<1
1	0.3~1.5	1~5	1~3	1~3
2	1.6~3.3	6~11	4~7	4~6

3	3.4~5.4	12~19	8~12	7~10
4	5.5~7.9	20~28	13~18	11~16
5	8.0~10.7	29~38	19~24	17~21
6	10.8~13.8	39~49	25~31	22~27
7	13.9~17.1	50~61	32~38	28~33
8	17.2~20.7	62~74	39~46	34~40
9	20.8~24.4	75~88	47~55	41~47
10	24.5~28.4	89~102	56~64	48~55
11	28.5~32.6	103~117	65~73	56~63
12	>32.6	>117	>73	>63

Note: Wind force levels are indicated by triangular arrows, with a maximum of 12 arrows.

Rain Readings | History

- Press and release the "RAIN" button to view the rain history, in order:

EVENT | HOURLY | DAILY | WEEKLY | MONTHLY | YEARLY | TOTAL | EVENT RATE | DAILY RATE

Note: EVENT: The cumulative value of the current rainfall event. If there is no rain for more than 30 minutes, it means the end of the current rainfall event

HOURLY: Total rainfall for the current hour

DAILY: Total rainfall for today.

WEEKLY: Total rainfall for the current week

MONTHLY: Total rainfall for the current month

YEARLY: Total rainfall in the current year

TOTAL: The cumulative value of the total run time (no time stamp) since the weather station was started

EVENT RATE：The rate of rainfall during the event, the average hourly rainfall during the event, if it is less than 1 hour, it will be calculated as 1 hour

DAILY RATE：The daily rainfall rate is the average hourly rainfall on the day. If it is less than 1 hour, it will be calculated as 1 hour.

Note: Wait for 20 seconds without pressing any buttons, or double-click on the "☼/zz" touch position to exit the viewing modes, The weather station will resume normal time display and display the last rainfall record you viewed. When the rain shows the rain rate before entering the observation mode, it still shows the rain rate when returning from the observation mode to the normal time display.

- In the mode of viewing rain history, press and hold the "RAIN" button for 3 seconds to clear all history of rain.

Note: The rain reading will reset to 0 mm (in).

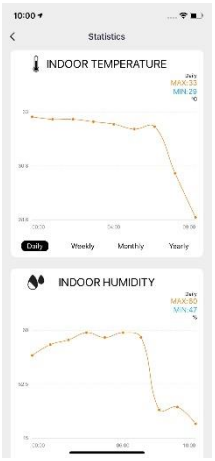
The recording curve of Temperature | Humidity | Air Pressure | Wind | Rain | Light

Intensity | UV Index in the APP

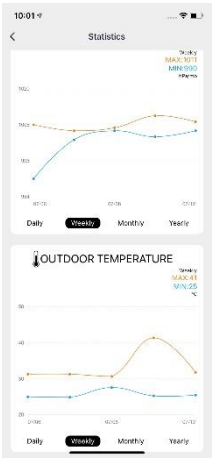
- Through the APP, you can view the historical changes of various detection data reported by the weather station and display them in the curve chart. Click the "" icon on the Home screen to enter, and you can view the daily | Weekly | Monthly | yearly change curve chart

Main interface

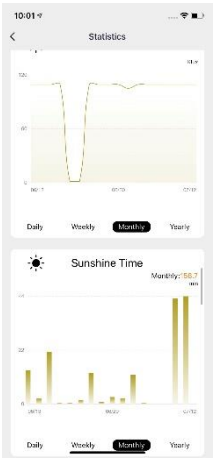
Daily graph interface



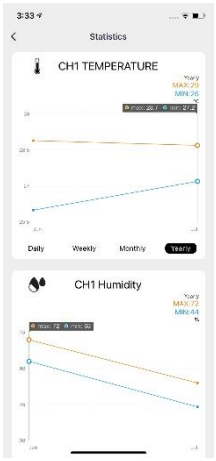
Weekly graph interface



Monthly graph interface



Yearly graph interface



PM2.5 | AQI Reading

- PM2.5 | AQI comes from the network and is the current real-time data, automatically updated hourly from the network, At the same time, PM2.5 is updated according to the table below, and the air quality level arrows are displayed as shown in the table below:

Level	Display	PM2.5	AQI
1		0~35μg/m³	≤50
2		36~75μg/m³	51~100
3		76~115μg/m³	101~200
4		116~150μg/m³	201~300
5		大于 150μg/m³	>300

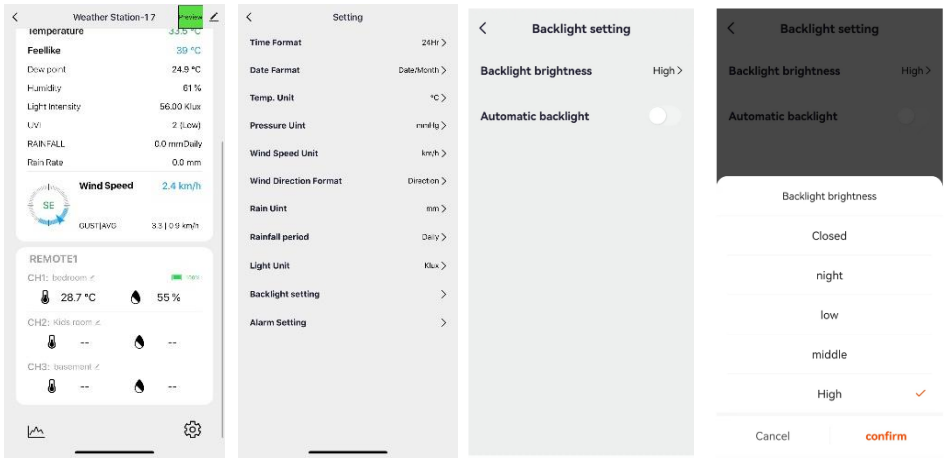
Background lighting

- If the product is powered by batteries, touch the position of "☼ / zZ". Backlight lit 15 seconds.
- When the power supply of the product is inserted into the power supply adapter, the battery will automatically disconnect the power supply, and the backlight will always be bright. Press the "SET/☼" button to adjust the brightness of the backlight, you can adjust the 5 state: 4 different brightness backlight and close the backlight. when the backlight brightness is not at the maximum brightness, touch the position of "☼ / zZ". Backlight turns to maximum brightness of 15 seconds.
- When the power supply of the product is inserted into the power supply adapter, touch the position of "☼ / zZ" and hold for more than 3 seconds, and the main unit enters the light sensing mode, The light sensing icon "☼" is displayed, and the backlight of the main unit will automatically adjust its brightness with the ambient light. The darker the ambient light, the darker the backlight.
- In light sensing mode, press the "SET/☼" button to choose whether to turn off or turn on backlight

APP setting Backlight

- When the weather station is paired and connected to WIFI, the time of the weather station will be automatically calibrated and the time will automatically change to the current local time. At the same time, click the setting icon "⚙" on the main screen of the APP to switch to the setting interface, and then click on "backlight Setting" in the menu bar to enter the lower menu for setting.

Main interface Second interface Third interface Fourth interface



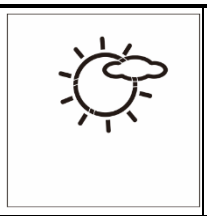
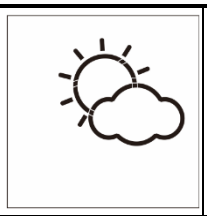
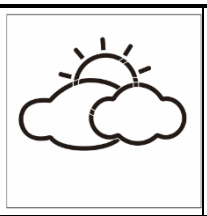
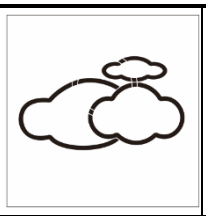
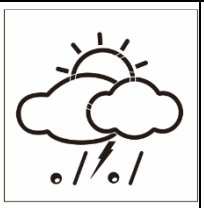
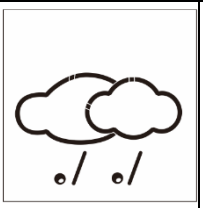
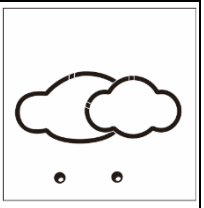
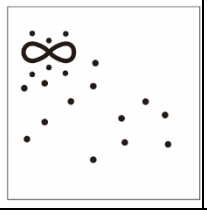
Low battery:

- If the "Indoor sensor" column is display the battery icon "▭", you need to replace the weather station's battery as soon as possible,

Explanation of network weather forecast

- After the weather station is connected to the WIFI hotspot, the weather station automatically downloads the weather forecast for the current day and the next four days from the network, the highest | lowest temperature.
- The weather station automatically uploads indoor/outdoor temperature/humidity data detected inside the station to the server, and the APP can automatically download data from the server through the network.
- Weather station icons that can be displayed:

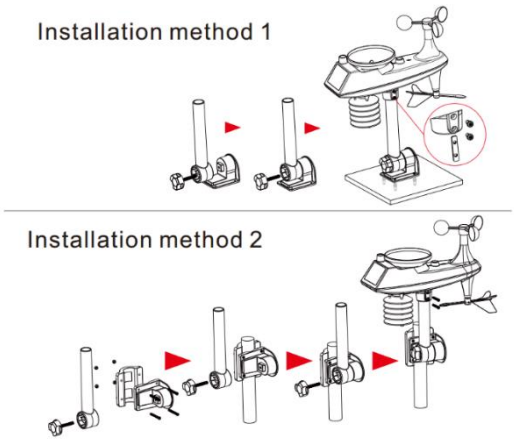
sunny	Mostly sunny	Partly cloudy	Mostly cloudy	Cloudy	Patchy Rain

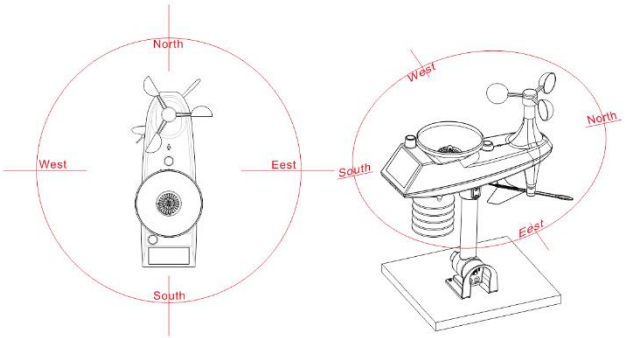
					
Mostly Rain	Heavy Rain	Heavy rainstorm	Partly Shower	Showers	strong shower
					
thunder shower	thunder	Thunderstorms	Thunder showers accompanied by hail	Patchy Snow	Mostly Snow
					
Heavy Snow	Partly Snow shower	Snow shower	Rain and Snow	Rain and Hail	Hail
					
Foggy	Haze	floating dust	Sand blowing	sandstorm	
					

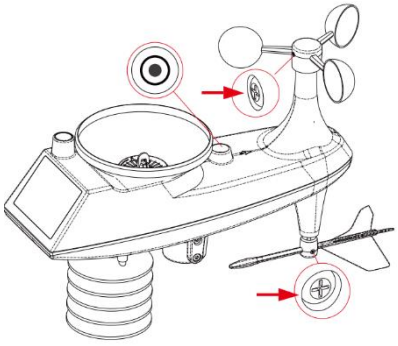
Mounting Instructions (wireless sensor)

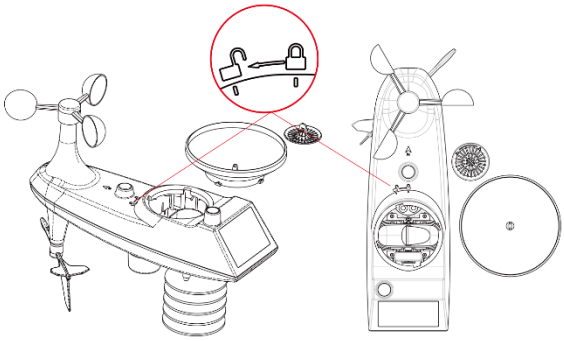
Multi-combination Wireless Remote Sensor

- Mount in an open area clear for 15 meters (50 feet) in all directions.
- The sensor needs to be mounted on a sturdy platform or bracket that is mounted 1.5 m (5 ft) above the ground.
- The base of the sensor is screwed to the platform and the support frame. Tighten the large nut that secures the support rod to the base
- When installing, adjust the sensor body so that the solar panel faces south, otherwise the wind direction will be wrong. Note the “N” North Embossed Mark on the top of the sensor (requires a compass for proofreading, and the “N” North Emboss mark is identical to the “N” of the compass).
- When installing the sensor, use the top bubble level to ensure the sensor level, otherwise the accuracy of the rainfall reading will be affected.
- After completing the above two steps, lock the two hexagon socket screws on the side of the sensor body.
- When installing, the fixing screws of the wind cup and the wind direction cursor should be tightened and tightened.
- The rainforest structure of the sensor needs to be cleaned regularly (recommended cycle 1-3 months, depending on the frequency of rain):
    1. Remove the rainwater funnel (turn the rain sand funnel according to the direction of rotation shown).
    2. Gently remove debris or insects from the rain sensor.
    3. Remove debris from the rainwater funnel itself, especially debris from the funnel drain.
    4. Remove the debris from the drain.
    5. Reinstall the rainwater bucket.
    6. Note: Do not apply oil to the rain sensor.









Note: Make sure the wireless sensor is installed within 100 meters of the weather station (empty, unobstructed).

According to the thickness of the obstacle between the wireless sensor and the weather station, the distance should be shortened as much as possible (the distance after the wireless signal penetrates the obstacle will be shortened), otherwise the data transmission may be disturbed.

Temperature | Humidity Wireless Remote Sensor

(This sensor is not configured, please purchase separately if needed)

Option 1:

- Mount the mounting screws to the wall.
- Hang the wireless sensor on the screw.

Option 2:

- Insert the mounting screws through the front of the wireless sensor into the wall.
- Tighten the screws to fit snugly (do not overtighten).
- If the wireless sensor is placed outdoors, install the temperature | humidity wireless sensor on a north facing wall or any shadow. The sun will make it even higher.
- The guardrail under the eaves or under the deck is preferred.
- Make sure the wireless sensor is installed vertically to vent moisture.