

WIFI Weather Station



EN P1

DE P16

FR P32

IT P49

ES P65

EN- User Manual

Main Functions

- ▶ Connects with WIFI network, work with TUYA Smart APP
- ▶ Time,calendar setting and weather forecast information provided by the network
- ▶ Perpetual Calendar Up to Year 2099
- ▶ Time in optional 12/24 hour format.
- ▶ One USB output port for charger
- ▶ Three Daily Alarms with snooze function (5 MIN)
- ▶ Indoor & outdoor humidity measurable range: 1%RH ~ 99%RH
- ▶ Temperature measurement ranges:
 - Indoor:-10°C ~ 50°C or (14°F ~ 122°F)
 - Outdoor:-40°C ~ 70°C or (-40°F ~ 158°F)
 - Temperature alternatively in °C or °F.
- ▶ Maximum / Minimum indoor temperature and humidity record
- ▶ Wireless Outdoor Sensor:
 - Wall Mount or Table Stand
 - 433.90MHz RF transmitting frequency
 - 60 meters transmission range in an open area
 - Up to 3 wireless outdoor sensors can be connected. (Only one Included)
- ▶ Power Supply:
 - Battery: 2 x LR06, 1.5 V (size AA)
 - Equipment power input: DC 5V more than 1A (Power Adapter)

Wireless Outdoor Sensor:

- 3 Channels selectable
- Data transmission frequency: 433 MHz
- Wireless range: max. 60 m (open area)
- Batteries: 2 x LR03, 1.5 V (size AAA)

Product Appearance



Part A – LCD

A1: Time

A2: Indoor temperature

A3: Week

A4: Indoor humidity

A5: Remote sensor channel

A6: Outdoor temperature

A7: Calendar

A8: Outdoor humidity

A9: Predicted maximum temperature today and in the next 1-4 days

A10: Predicted minimum temperature today and in the next 1-4 days

A11: Weather forecast for today and the next 1-4 days

A12: UV index forecast today and in the next 1-4 days



: WIFI signal



: battery level icon



: Wireless receiving icon



:Daylight saving time icon

MAX: Display the maximum indoor temperature and humidity record icon

MIN: Display the minimum indoor temperature and humidity record icon



: Temperature upper limit alert icon



: Temperature lower limit alert icon



DRY:Indoor comfort level: dry icon



COM:Indoor comfort level: comfortable icon



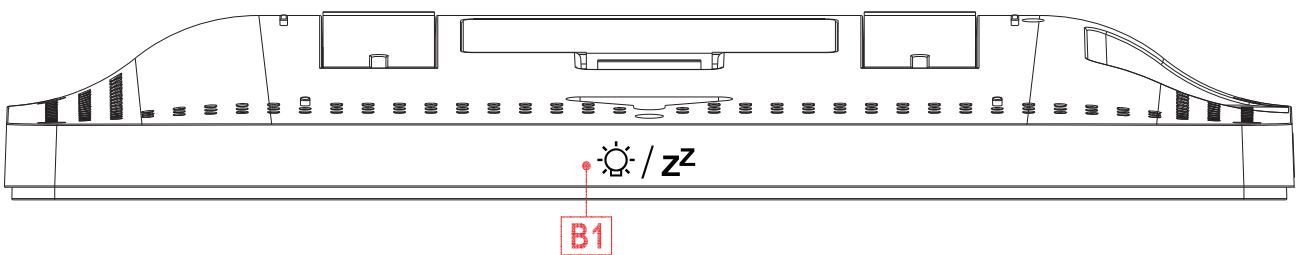
WET:Indoor comfort level: wet icon

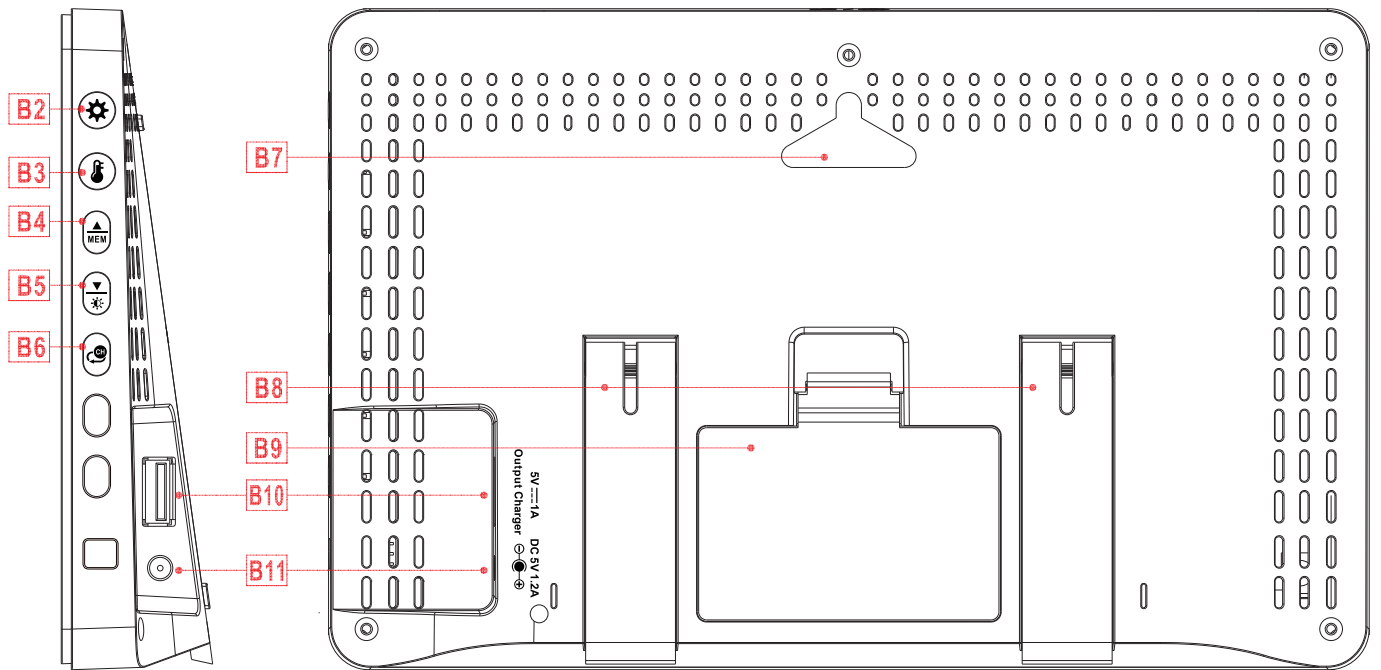
AL



: time alarm icon

Part B – Back button and power





B1: “☀️ / zzz” touch key

B2: “⚙️” button

B3: “🌡️” button

B4: “MEM” button

B5: “☀️” button

B6: “🔄 CH” button

B7: Hanging hole

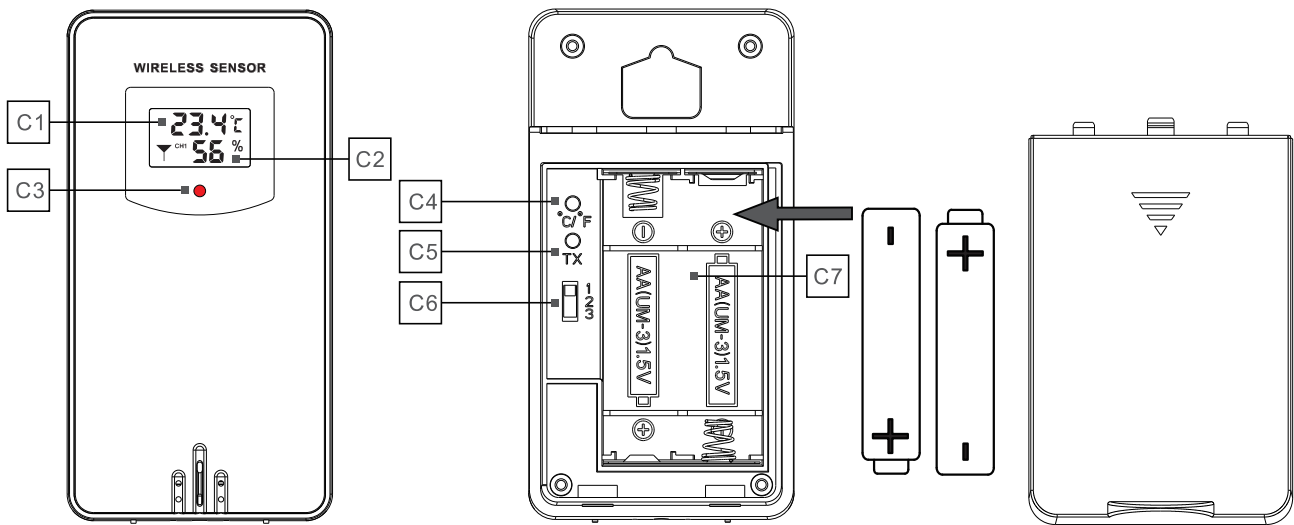
B8: Support frame

B9: Battery compartment

B10: USB charging port

B11: DC-POWER input port

Part C - Wireless Sensor



- C1: LCD display – Temperature
- C2: LCD display – Humidity
- C3: Transmit signal LED
- C4: “°C/°F” button
- C5: “TX” button
- C6: Channel switch
- C7: Battery compartment

Quick Setup

- ▶ Plug the power adapter into the weather station, also insert 2 AA batteries into the weather station (batter backup for setting save)
- ▶ Pair the weather station with WIFI and configure basic settings, set time/date format and units, etc., see WIFI pairing instructions for details below.
- ▶ Insert 2 AA batteries into the wireless outdoor sensor, and set the channel to confirm the sensor, push the selection through the position of C6.

Download TUYA Smart App





APP ICON

▶ According to the mobile phone brand, search and download the TUYA APP through the IOS APP Store or Android Google Play. And then, please follow the app to register or log in your account.





WIFI Pairing

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

▶ When the weather station is powered by adapter, it will automatically enter the pairing mode, and the WIFI icon “” will flash.

▶ Open the TUYA APP, click the “” icon in the upper right of the screen, and select Add Device. Wait for the APP find device and then click Add, and then follow the app prompts to connect to WiFi and complete device pairing.

▶ If the product does not automatically enter the pairing mode when


powered, you can press and hold the “” button for more than 3 seconds to enter the pairing mode manually, icon “” of the “” will flash. And then open the app and proceed with the operation. After successful connection, the “” icon will stop flashing.



▶ After the pairing is completed, the weather station will automatically connect to the WLAN, automatically setting the time, calendar and other

weather data. And weather station will start to searching for signals from remote wireless sensors, the “” icon will flash for about 3 minutes until data received.

Outdoor Sensor RF Transmission

▶ The main unit can connect up to 3 channel wireless sensor, the wireless sensor channel cannot choose the same channel at the same time (a total of 1, 2, 3 channel can choose). This product only includes one remote sensor, recommended to set set in channel 1.

▶ Press the “” button can switch the display of different channels of outdoor sensor.

▶ If the main unit cannot receive the transmission from the outdoor sensor (“- -” is displayed on the LCD), press and hold the “” button for 3 seconds to receive the transmission manually. The “” icon will flashing for about 3 minutes until data received.

Weather Station Setting via TUYA APP

APP - Alarm Clock Setting


▶ Enter to the APP and find “Alarm Setting” button.

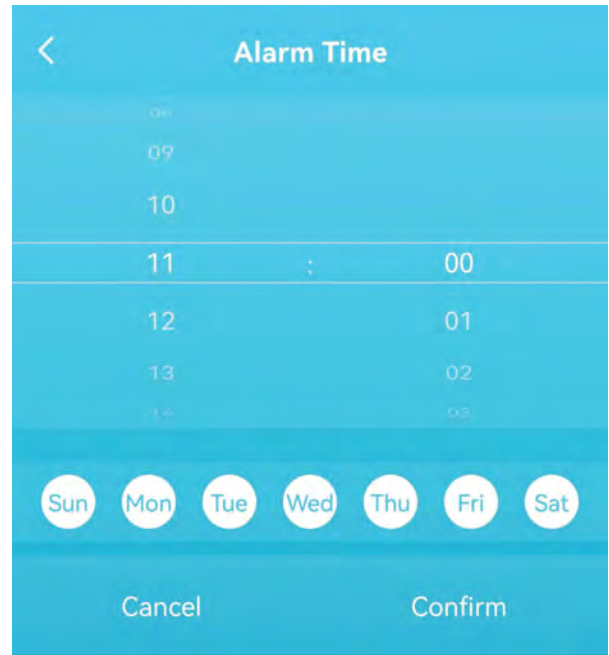
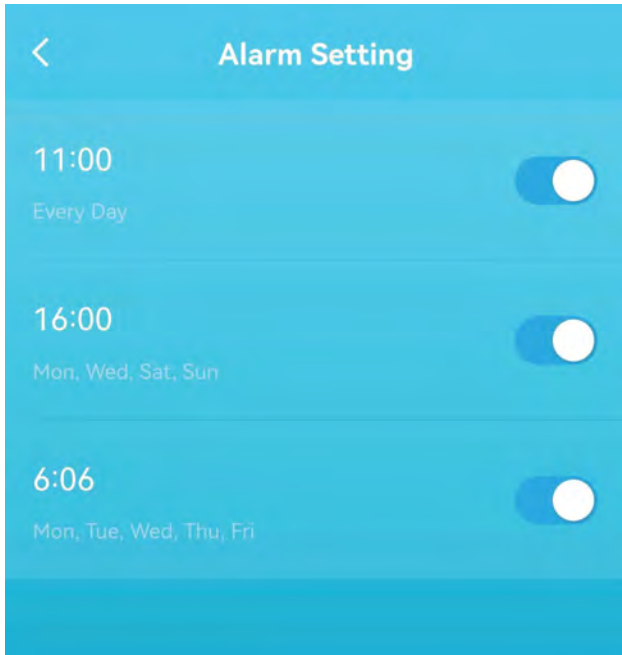


▶ There are three alarm clocks that can be set according to different needs.

You also can freely choose which day of the week the alarm will ring, white background color means the selected. Button turn left means ON and turn



right means OFF. When alarm turn ON, “” icon will display in the screen next to the Time.



► 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.

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

APP - Temperature unit Setting

► Enter to the APP and find “Unit Conversion” button.



Alarm Setting




Temperature Alert

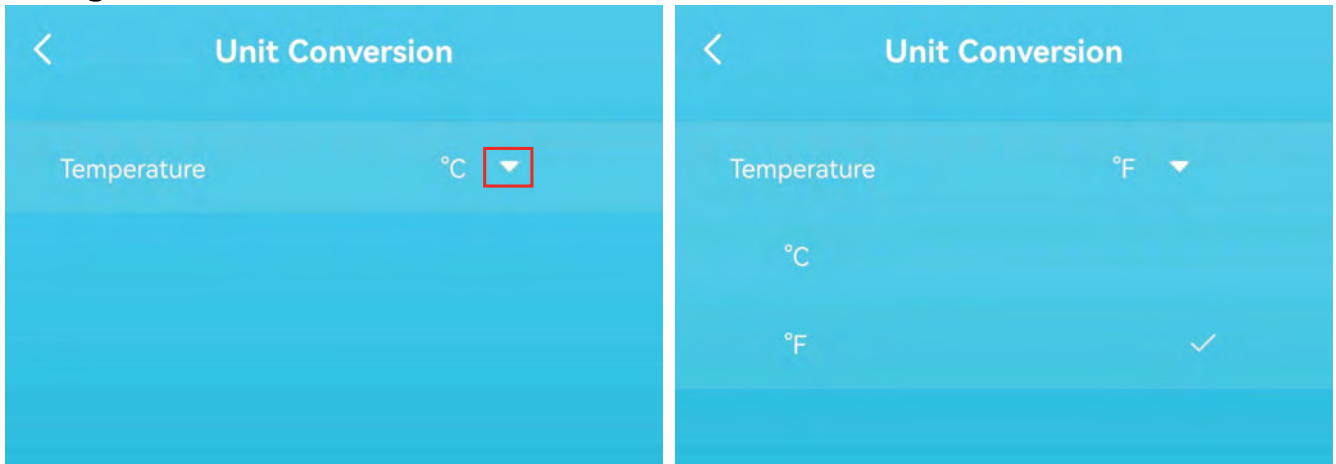


Graph Curve



Unit Conversion

► Click “” button to select °C or °F, click "Confirm" to complete the setting.

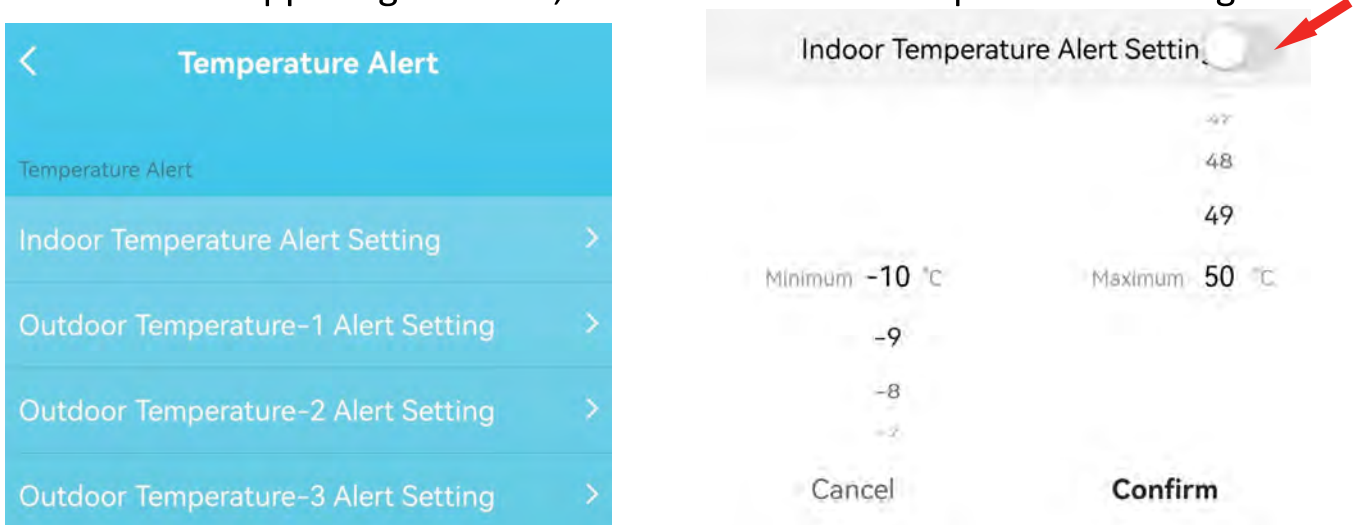


APP - Temperature Alert Setting

► Enter to the APP and find “Temperature Alert” button.



► First, select the which temperature alarm you want to set, and then set the minimum and maximum temperature you want, there is the ON/OFF switch button in the upper right corner,click "Confirm" to complete the setting.

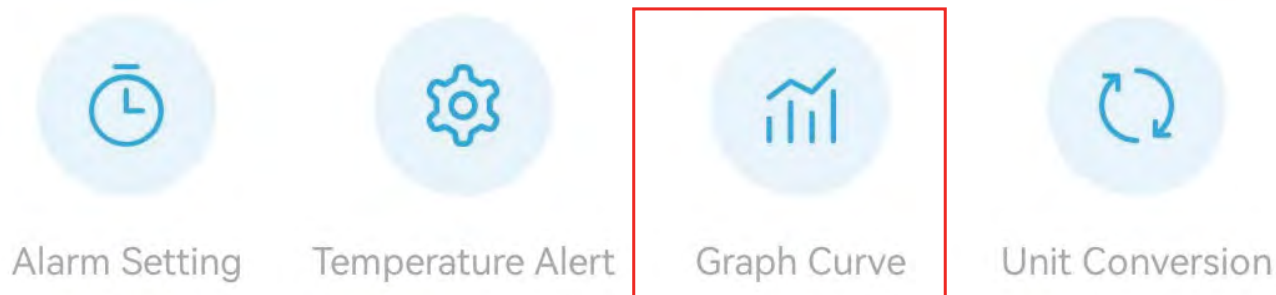


► When the actual detection value exceeds the arming warning setting value,

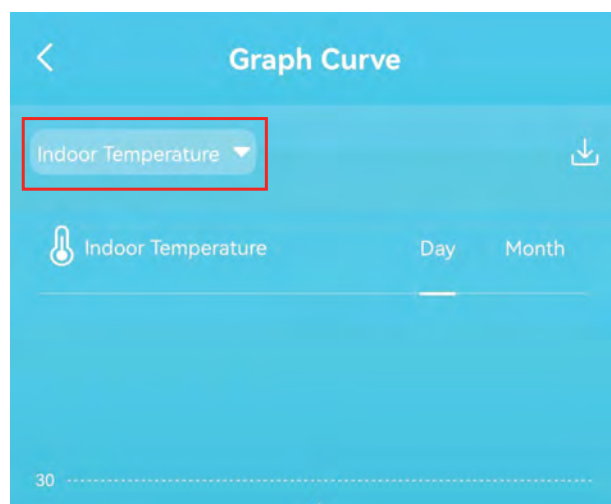
the weather station will ring the alarm for 10 seconds, and then alarm will sound every 1 minute for 5 times. During this process, press any button to stop the alarm sound.

APP - View Weather Data Graph

▶ Enter to the APP and find “Graph Curve” button.




▶ Click button on the left upper corner to select which data curve want to view.









▶ At the same time, you can choose to view data for the current day or current month, as well as data from previous dates or months. Click on the icon in the upper right corner to download the data to your own email for viewing.

Manual Weather Station Setting

▶ We suggest that use the APP for more convenient settings. If you want to manually set it up via weather station, please refer to the following steps.

▶ Press and hold the “” button for 3 seconds to enter the time setting mode.



▶ Press the “ MEM” or “ ” button to adjust the value, hold the “ MEM” or “ ” button to adjust quickly.


▶ Press the “” button to confirm and move to the next item.

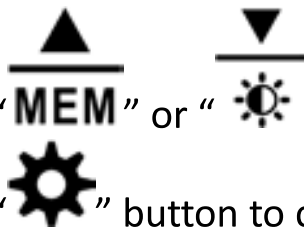
Settings order

1. Temperature unit: °C | °F
2. Calendar display format: Month/Date | Date/Month
3. Year
4. Month
5. Date
6. Hour format: 24Hr | 12Hr
7. Hour
8. Minutes

Daily Alarms Setting

▶ Short press the “” button to switch the alarm time displayed in AL1 | AL2 | AL3. In these three interfaces, when alarm display, short press the “ MEM” button to turn ON or OFF the corresponding alarm function.

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



- ▶ Press the “MEM” or “☀” button to adjust the value.
- ▶ Press the “⚙” button to confirm and move to the next item.

Settings order

1. Hours of alarm time
2. Minutes of the alarm time
3. Week repeat of the alarm

▶ There are 7 kinds of weekly repetitions of the alarm clock, Monday (MO), Tuesday (TU), Wednesday (WE), Thursday (TH), Friday (FR), Saturday (SA) and Sunday (SU), the weather station button operation can be set There are three options: Monday to Friday, Saturday to Sunday and Monday to Sunday.

Switching OFF the Alarm Ring



▶ When the alarm clock rings, press any buttons except the “☀ / ZZ” touch button to stop. Or touch and hold the “☀ / ZZ” button for more than 3 seconds to stop the alarm signal.


Snooze Function



▶ When the alarm clock rings, touch the “☀ / ZZ” touch button once, the alarm signal stops and enter to the snooze timing mode, alarm will ring again after 5 minutes.


▶ In snooze timing mode, press any buttons except the “☀ / ZZ” touch button or touch hold down the “☀ / ZZ” touch button for more than 3 seconds to exit the snooze mode





Temperature Alert Setting

▶ Short press the “” button to turn ON or OFF the temperature alarm function. When the temperature alarm is turned on, the icon “” will display in the screen.

▶ Press and hold the “” button for 3 seconds to enter the temperature alert setting mode.

▶ When the corresponding value flashes, press the “” or “” button to adjust the value.

▶ Press and release the “” button to confirm and move to the next item.

▶ When set Outdoor sensor alert, press and release the “” button to switch to other channels. (A total of 3 channels:  |  | )

Settings order

1. Indoor temperature upper limit alert value
2. Indoor temperature lower limit alert value
3. Outdoor temperature upper limit alert value
4. Outdoor temperature lower limit alert value






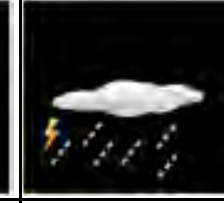



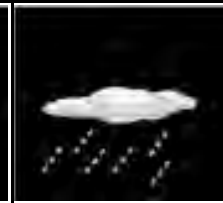





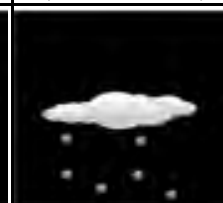







Weather Forecast Data from Network

▶ When weather station is connected to the WIFI, the weather station automatically downloads the weather forecast for the current day and the next four days from the network, also update the highest | lowest temperature and UV index forecast.

▶ The weather station automatically uploads the temperature | humidity

data detected in the station from the weather station to the server, and the APP can automatically download the data from the server through the network.

► Weather station icons that can be displayed:

| | | | | | |
|---|---|---|--|---|---|
| sunny | partly cloudy | Cloudy | thunder | thunder shower | Thunderstorms |
|  |  |  |  |  |  |
| light rain | moderate rain | heavy rain | Rainstorm (icon flashes) | showers | strong shower |
|  |  |  |  |  |  |
| snow | Medium snow | heavy snow | Blizzard (icon flashes) | small snow showers | snow showers |
|  |  |  |  |  |  |
| sleet | fog | haze | Sand blowing | Sandstorm (icon flashes) | |
|  |  |  |  |  | |

View Maximum/Minimum Indoor Temperature/ Humidity

► To toggle indoor/outdoor maximum, minimum temperature and humidity



data, press the “MEM” button:

Once to show the maximum indoor temperature and humidity values.

Twice to show the minimum indoor temperature and humidity values.



Three times to return to the current indoor temperature and humidity.





▶ Press and hold the “MEM” button about 2 seconds to reset all minimum and maximum data recorded.

▶ If the temperature reading is below ranges, the **LL.L** will be displayed. If the temperature reading is above ranges, the **HH.H** will be displayed.

Low Battery



▶ If the battery icon “” appears in the “” column, please change the battery of the main station


▶ If the battery icon “” appears in the “” column, please change the battery of the remote sensor.

Backlight and Power Supply

▶ When product is inserted and powered by power adapter, the battery will automatically disconnect the power supply, and the backlight will always be



bright. Short press the “” button to adjust the brightness of the backlight, you can adjust the 4 state: High, Medium, Low and turn OFF backlight. When the backlight brightness is not at the maximum brightness, press the “ / ZZ” button to turn maximum brightness of 15 seconds.

▶ If the product is powered by batteries, backlight only lit 15 seconds by touch the “ / ZZ” location button. We would suggest that use the power adapter all the time to make sure product work well.

DE- Benutzerhandbuch

Hauptfunktionen

- ▶ Verbindet sich mit dem WLAN-Netzwerk und funktioniert mit der TUYA Smart APP
- ▶ Informationen zu Uhrzeit, Kalendereinstellung und Wettervorhersage werden vom Netzwerk bereitgestellt
- ▶ Ewiger Kalender bis zum Jahr 2099
- ▶ Uhrzeit im optionalen 12/24-Stunden-Format.
- ▶ Drei tägliche Alarmer mit Schlummerfunktion (5 MIN)
- ▶ Ein USB-Ausgang für Ladegerät
- ▶ Messbereich der Luftfeuchtigkeit im Innen- und Außenbereich: 1 % RH ~ 99 % RH
- ▶ Temperaturmessbereiche:
 - Innen: -10°C ~ 50°C oder (14°F ~ 122°F)
 - Im Freien: -40 °C bis 70 °C oder (-40 °F bis 158 °F)
 - Temperatur wahlweise in °C oder °F.
- ▶ Aufzeichnung der maximalen/minimalen Innentemperatur und Luftfeuchtigkeit
- ▶ Drahtloser Außensensor:
 - Wandhalterung oder Tischständer
 - 433.90 MHz HF-Sendefrequenz
 - 60 Meter Übertragungreichweite im offenen Gelände
 - Es können bis zu 3 kabellose Außensensoren angeschlossen werden. (Nur eine im Lieferumfang enthalten)
- ▶ Stromversorgung:
 - Batterie: 2 x LR06, 1,5 V (Größe AA)
 - Gerätestromeingang: DC 5 V mehr als 1 A (Netzteil)

Drahtloser Außensensor:

- 3 Kanäle wählbar
- Datenübertragungsfrequenz: 433 MHz
- Funkreichweite: max. 60 m (offenes Gelände)
- Batterien: 2 x LR03, 1,5 V (Größe AAA)

Aussehen des Produkts



Part A – LCD

A1: Zeit

A2: Innentemperatur

A3: Woche

A4: Luftfeuchtigkeit in Innenräumen

A5: Fernfühlerkanal

A6: Außentemperatur

A7: Kalender

A8: Außenfeuchtigkeit

A9: Voraussichtliche Höchsttemperatur heute und in den nächsten 1–4 Tagen

A10: Voraussichtliche Tiefsttemperatur heute und in den nächsten 1–4 Tagen

A11: Wettervorhersage für heute und die nächsten 1–4 Tage

A12: UV-Index-Vorhersage für heute und in den nächsten 1–4 Tagen



: WIFI signal



: Symbol für den Batteriestand



: Symbol für drahtlosen Empfang



:Symbol für die Sommerzeit

MAX:Zeigt das Symbol für die Aufzeichnung der maximalen Innentemperatur und Luftfeuchtigkeit an

MIN: Zeigt das Symbol für die Aufzeichnung der minimalen Innentemperatur und Luftfeuchtigkeit an



: Warnsymbol für den oberen Temperaturgrenzwert



: Warnsymbol für den unteren Temperaturgrenzwert



DRY:Innenkomfortstufe: Trockensymbol



COM:Innenkomfortstufe: Symbol Komfort



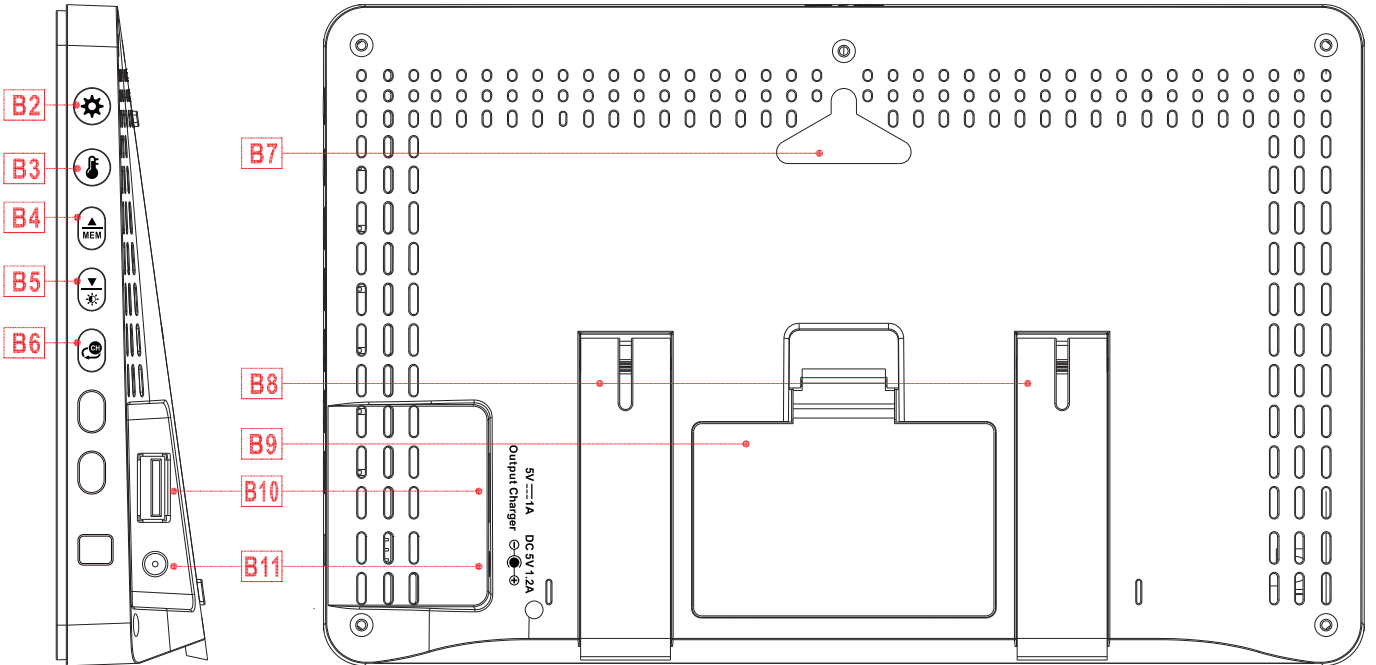
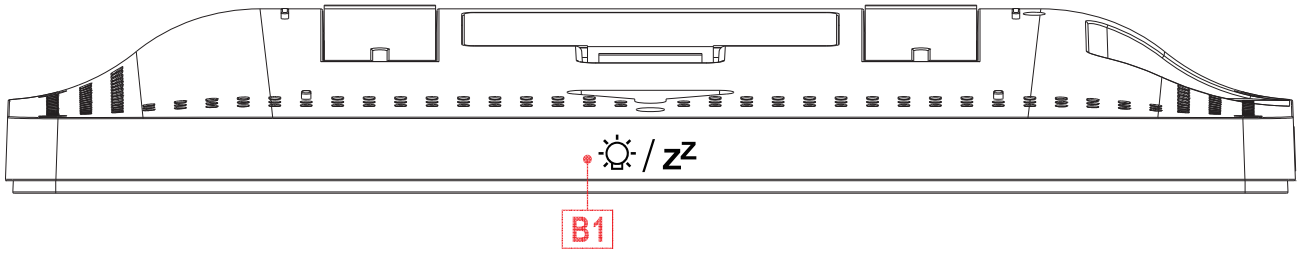
WET:Innenkomfortstufe: Nasssymbol

AL



: Zeitalarmsymbol

Part B – Back button and power



B1: “☀ / ZZ” Touch-Taste

B2: “⚙” -Taste

B3: “🌡” -Taste

B4: “MEM” -Taste

B5: “☀” -Taste

B6: “🔄 CH” -Taste

B7: Aufhängeloch

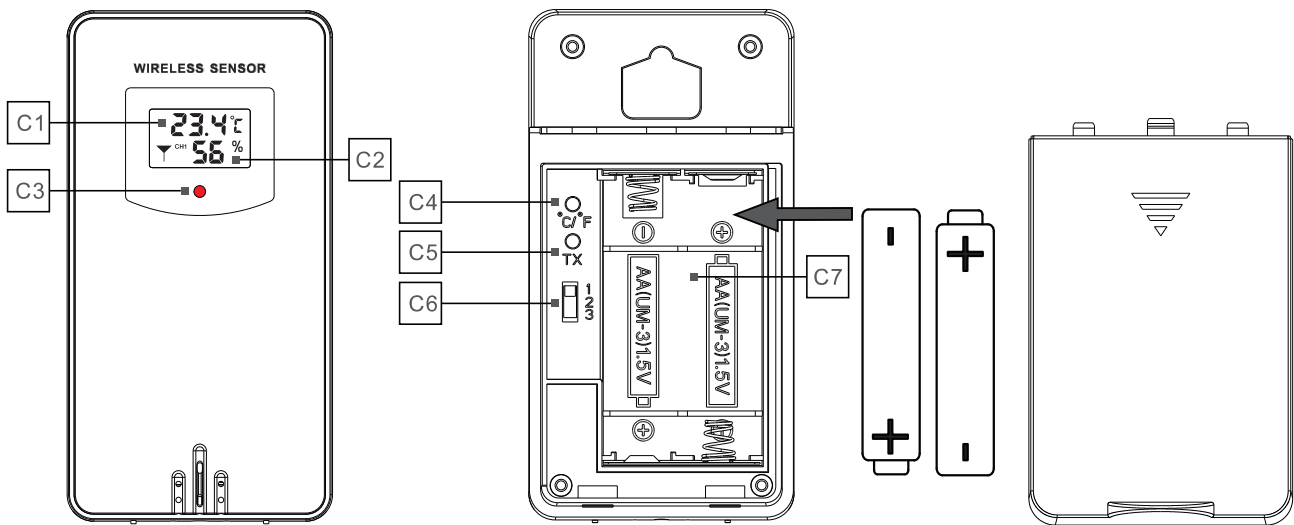
B8: Stützrahmen

B9: Batteriefach

B10: USB-Ladeanschluss

B11: DC-POWER-Eingangsanschluss

Part C - Wireless Sensor



C1: LCD-Anzeige – Temperatur

C2: LCD-Anzeige – Luftfeuchtigkeit

C3: Sendesignal-LED

C4: “°C/°F” -Taste

C5: “TX” -Taste

C6: Kanalwechsel

C7: Batteriefach

Schnelle Einrichtung

- ▶ Stecken Sie das Netzteil in die Wetterstation und legen Sie außerdem 2 AA-Batterien in die Wetterstation ein (Batterie-Backup zum Speichern der Einstellungen).
- ▶ Koppeln Sie die Wetterstation mit WLAN und konfigurieren Sie die Grundeinstellungen, stellen Sie das Uhrzeit-/Datumsformat und die Einheiten usw. ein. Einzelheiten finden Sie unten in der Anleitung zur WLAN-Kopplung.
- ▶ Legen Sie 2 AA-Batterien in den kabellosen Außensensor ein und stellen Sie den Kanal zur Bestätigung des Sensors ein. Drücken Sie die Auswahl durch die Position von C6.