YOUSHIKO   YC9463   WIFI   WEATHER   STATION

Technical Data and Features
### Base station:
▶ Perpetual Calendar Up to Year 2099
▶ Day of week in 7 languages user selectable: English, German, Italian, French, Spanish, Netherlands and Danish
▶ Time in optional 12/24 hour format.
▶ Automatic calibration of network time service
▶ The moon phase display
▶ Barometric pressure:
— Barometric pressure measurement ranges: 600 hPa/mb to 1100 hPa/mb
17.72 inHg to 32.50 inHg
450.1mmHg to 825.2mmHg
— Pressure alternatively in hPa/mb or inHg or mmHg
▶ Indoor humidity measurable range: 20%RH to 95%RH
▶ Indoor temperature:
— temperature measurement ranges:-20°C to 60°C
                                    -4°F to 140°F
— Temperature alternatively in °C or °F.
▶ Minimum/maximum display for humidity and temperature
▶ The weather forecasting function (according to the change of air pressure)
▶ Connects directly to wifi network, connect to Tuya Smart System
▶ Power Supply:
Battery: 2 x LR6 AA and mains adapter: DC5V 1A

Wireless Outdoor Sensor: (Model no: YC9313)

— Outdoor temperature measurement ranges: -40°C (-4°F) ~ 70°C (158°F)
— Outdoor measurable range: 20%RH to 95%RH
— Data transmission frequency: 433 MHz
— Wireless range: max. 60 m (open area)
— Batteries: 2 x LR06 (UM-3), 1.5 V (size AA)
— Protection class: IPX4

Base station Appearance:
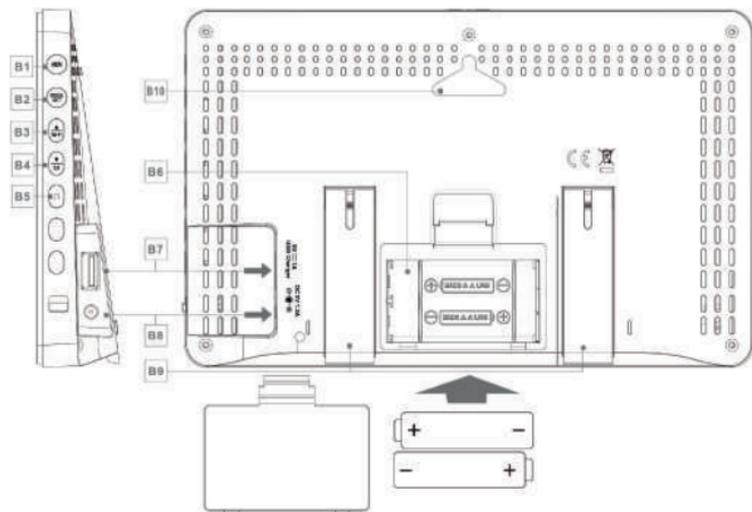
Part A-Positive LCD

A1: Time/Calendar / Weed
A2: Outdoor Humidity
A3: Outdoor Temperature
A4: Weather Forecasting
A5: Indoor Temperature
A6: Indoor Humidity
A7: Barometric pressure
A8: Moon Phase

Part B – Back button and power

B1: "MEM" button
B2: "MODE/SET" button
B3: "▲/WIFI" button
B4: "▼/CH" button
B5: WIFI indicator
B6: Battery compartment
B7: Power supply socket
B8: USB charging socket
B9: Support frame
B10: Hanging hole
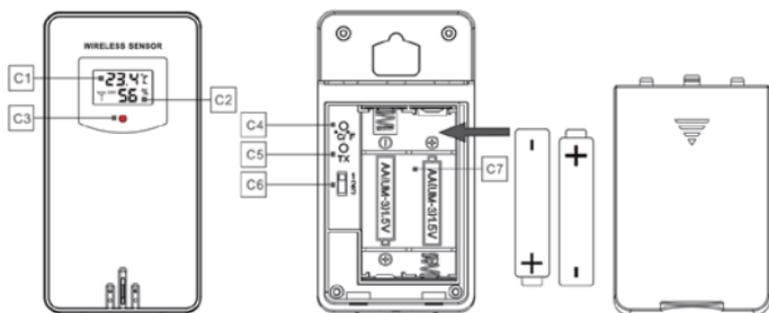
Part C –Wireless Outdoor Sensor:
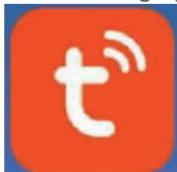C1: LCD display – Temperature
C2: LCD display – Humidity
C3: Transmit signal LED
C4: "°C/°F" button
C5: "TX" button
C6: Channel selector switch
C7: Battery compartment

Preparation before use/

▶ Download Tuya Smart App:

According to the brand of the phone, search for tuya through the IOS APP Store or Android's Google play, find the APP with the icon below, and download the APP.

Initial operation:

▶ Replace Wireless Outdoor Sensor battery compartment cover , Push the Channel selector switch in the battery compartment of the Wireless Outdoor Sensor (Model No : YC9313) , set the correct channel ,Insert 2 x AA batteries observing polarity ["+" and "−" marks]

▶ When you insert the batteries, all the icon on the LCD display will briefly light up for 3 seconds, the Wireless Outdoor Sensor began to switch to the normal working mode, to detect the temperature and humidity in the environment . At this time, the sensor will transmit 1 wireless signals, and the interval of about 1 minutes will automatically transmit the 1 wireless signal, each transmitted 1 wireless signal emission sensor indicator will flash 1 times.

▶ According to the appearance of the Base Station icon shows that the power adapter is inserted into the socket on the Base Station, and the power adapter is connected to the power supply. After you pass on the power supply, all the symbols on the display screen will be displayed after about 3 seconds, the base station began to switch to the normal working mode, to detect the temperature, humidity and air pressure in the environment.

▶ The Base Station will now start to make a connection to the outdoor remote sensor. This operation takes about 3 minutes and is displayed by a flashing reception RF antenna symbol " 𝔶 " in the "OUTDOOR" display area on the receiver. the "OUTDOOR" display area will show an animation of the RF antenna symbol, indicating the base station is searching for the signal from the outdoor sensor. At the same time the base station began to establish WIFI connections (details see the following WIFI connection description)

▶ When the Base Station starts normal，Open the Base Station battery compartment cover ，Insert 2 x AA batteries observing polarity ["+" and "-" marks]，The battery is a backup power supply only for the Base Station, which can ensure the normal operation

of the base station after the power adapter is unexpectedly cut off.
Note: after the power adapter is disconnected, the WIFI connection of the base station will be automatically disconnected. So you must use power supply   24/7

Base station and APP bonding：

▶ If the base station is plugged into the power adapter for the first time and power on, after the LCD display is converted to normal display, the time bar will display 01   AP and WIFI icons, and the AP character will flash, and the WIFI indicator will flash once per second to indicate the WIFI pairing mode.
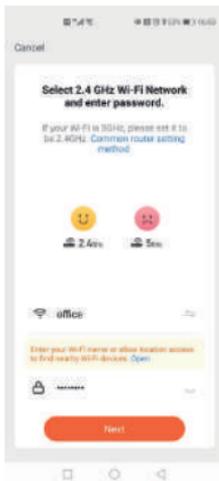
▶ First, connect the mobile phone to the wireless router **(2.4G)** that needs to be bonded, then open the Tuya Smart APP on the mobile phone, and operate according to the diagram below
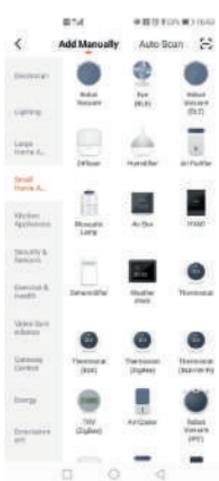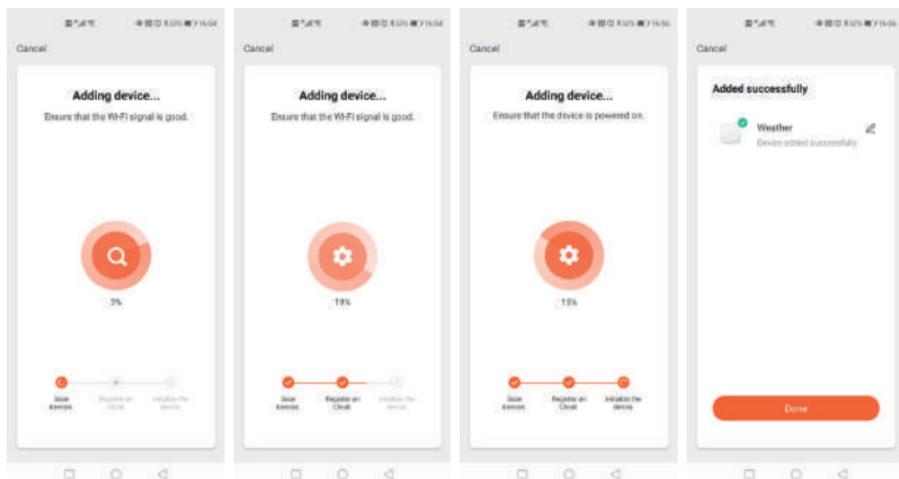

| Click to add device | Click "Small Home A..", select "Weather Clock", click | After entering the correct WIFI hotspot name and password, click NEXT | click NEXT |

Starting to pair, the product, mobile phone and wireless router are as close as possible

Paired successfully

▶ After the pairing is completed, the APP will automatically jump to the main interface, and the product will automatically update the network time, report the atmospheric pressure, indoor temperature and humidity, and the temperature and humidity of the three outdoor channels. The APP interface will refresh the data.

▶ The APP can view the historical record of the reported data. Click the record icon at the bottom left to enter the historical record interface. Click the setting icon at the bottom right to make various settings. The product will change in real time according to the settings.
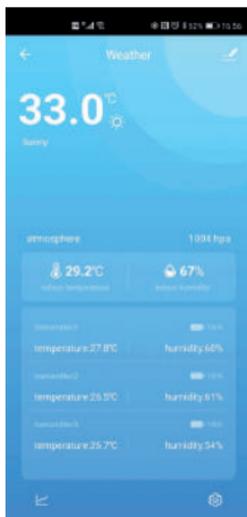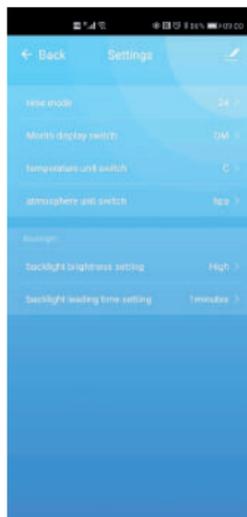
Main interface **History interface** **Setting interface**
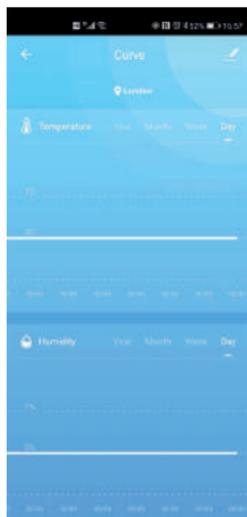
▶ When the pairing is unsuccessful, you can try a few more times. If it is still

unsuccessful, please press the product " ▲ Wi-Fi" button once, the display of the time bar position will change 02 AP and WIFI icon, at the same time, AP will flash display, then WIFI The indicator light will flash once every 3 seconds. In the reset the device first interface of the APP, click EZ MODE on the upper right to change to AP MODE, then click NEXT, the APP will automatically jump to the WLAN interface, select the hotspot starting with SmartLife, and then click the arrow in the upper left corner to return , Waiting for automatic pairing.
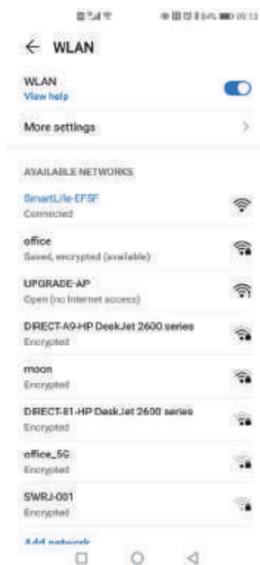
AP MODE 　　　WLAN Hot spot selection

▶ **If the product does not automatically enter the AP mode when it is powered on for**

the first time, it can be entered by pressing the " ▲ Wi-Fi" key for more than 3 seconds, and the display after entering is the same as the display automatically entering the AP mode

Outdoor sensor transmission: (Sensor Model no: YC9313)

▶ When the Base Station successfully receives signals from the wireless sensor, the temperature and humidity of the OUTDOOR are displayed on the OUTDOOR column of the Base Station.

▶ The base station can connect up to 3 channel (Sensors)   wireless sensor registration, the use of multiple wireless sensor, the wireless sensor channel cannot

choose the same channel at the same time (a total of 1, 2, 3 channel can choose)

▶ Press the " $\overset{\blacktriangledown}{CH}$ " key can switch the display of different channels of outdoor temperature and humidity, when displaying the symbol " $\mathbf{C}$ ", will display the channel every 5 seconds automatically switch a channel

▶ If the Base Station failed to receive transmission from outdoor sensor ("- -"display on the LCD), press and hold " $\overset{\blacktriangledown}{CH}$ " button for 3 seconds to receive transmission manually. the outdoor temperature will show an animation of the RF antenna symbol , the Base Station will re receive the wireless signal of the outdoor sensor.
Note: when the wireless sensor set up different channels, the base station "OUTDOOR" also want to switch to the same channel. When there is no wireless sensor signal transmission on the channel, "--" will be displayed in the channel of the base station

Manual time setting:

▶ Press " $\overset{MODE}{SET}$ " button, can switch the display calendar or time/second or time/week
▶ Press and hold down the " $\overset{MODE}{SET}$ " button for 2 seconds, the 12/24 hour mode display starts to flash. Now use " $\overset{\blacktriangle}{Wi-Fi}$ " and " $\overset{\blacktriangledown}{CH}$ " buttons to set the correct 12/24 hour mode.
▶ Press " $\overset{MODE}{SET}$ " to confirm your setting, the Time zones start to flash, Now use " $\overset{\blacktriangle}{Wi-Fi}$ " and " $\overset{\blacktriangledown}{CH}$ " buttons set a correct time zone (-12 to +12).
▶ Press " $\overset{MODE}{SET}$ " to confirm your setting, the Hour display starts to flash. Now use " $\overset{\blacktriangle}{Wi-Fi}$ " and " $\overset{\blacktriangledown}{CH}$ " buttons to set the correct hour.
▶ Press " $\overset{MODE}{SET}$ " to confirm your setting, the Minute displays starts to flash. Now use " $\overset{\blacktriangle}{Wi-Fi}$ " and " $\overset{\blacktriangledown}{CH}$ " buttons to set the correct minute.
▶ Press " $\overset{MODE}{SET}$ " button to confirm your setting, the Month and Date icon display starts to flash. Now use " $\overset{\blacktriangle}{Wi-Fi}$ " and " $\overset{\blacktriangledown}{CH}$ " buttons to set the date display on Month/Date or Date/Month.
▶ Press " $\overset{MODE}{SET}$ " button to confirm your setting, the Year display 2016 starts to flash. Now use " $\overset{\blacktriangle}{Wi-Fi}$ " and " $\overset{\blacktriangledown}{CH}$ " buttons to set the correct year.
▶ Press " $\overset{MODE}{SET}$ " button to confirm your setting, the Month display starts to flash. Now use " $\overset{\blacktriangle}{Wi-Fi}$ " and " $\overset{\blacktriangledown}{CH}$ " buttons to set the correct month.
▶ Press " $\overset{MODE}{SET}$ " button to confirm your setting, the Date display starts to flash. Now use " $\overset{\blacktriangle}{Wi-Fi}$ " and " $\overset{\blacktriangledown}{CH}$ " buttons to set the correct date.

▶ Press " $\overset{\text{MODE}}{\text{SET}}$ " button to confirm your setting, the language selection for the Weekday displays starts to flash. Now use " $\overset{\blacktriangle}{\text{Wi-Fi}}$ " and " $\overset{\blacktriangledown}{\text{CH}}$ " buttons to select a language.

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
German, GE	SO	MO	DI	MI	DO	FR	SA
English, EN	SU	MO	TU	WE	TH	FRI	SA
French, FR	DI	LU	MA	ME	JE	VEN	SA
Italian, IT	DO	LU	MA	ME	GI	VEN	SA
Spanish, SP	DO	LU	MA	MI	JU	VIE	SA
Dutch, DU	ZO	MA	DI	WO	DO	VRI	ZA
Danish, DA	SO	MA	TI	ON	TO	FRE	LO

▶ Press " $\overset{\text{MODE}}{\text{SET}}$ " button to confirm your setting, the temperature is display either in °C to flash. Now use " $\overset{\blacktriangle}{\text{Wi-Fi}}$ " and " $\overset{\blacktriangledown}{\text{CH}}$ " buttons to set the temperature unit in °C or °F.

▶ Press " $\overset{\text{MODE}}{\text{SET}}$ " button to confirm your setting, the barometric pressure is display either in mb/hPa to flash. Now use " $\overset{\blacktriangle}{\text{Wi-Fi}}$ " and " $\overset{\blacktriangledown}{\text{CH}}$ " buttons to set the pressure unit in mb/hPa or inHg or mmHg.

▶ Press " $\overset{\text{MODE}}{\text{SET}}$ " to confirm your setting and to end the setting procedures, enter the clock mode.

F.Y.I.:

▶ After 20 seconds without pressing any button, the clock switches automatically from Set Mode to Normal Time Mode.

▶ There are 7 languages of Weekday: English, German, Italian, French, Spanish, Dutch and Danish.

Lunar phases:

▶ The weather station has a display which automatically displays the current lunar phase

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

Displaying temperature/humidity/ barometric pressure and temperature/humidity trend

▶ The current indoor temperature/humidity/barometric pressure and the temperature/humidity trend (indoors) are shown in the LCD display.

▶ After successfully connecting with the outdoor sensor, the weather station can display the outdoor temperature/humidity and the temperature/humidity trend (outdoor).

▶ You may see the following displays:

The temperature/humidity is rising.

The temperature/humidity is remaining constant.

The temperature/humidity is falling.

Maximum/Minimum Temperature/Relative Humidity

▶ To toggle indoor/outdoor maximum, minimum temperature and humidity data, press the "**MEM**" button:

Once to show the maximum temperature and humidity values.

Twice to sow the minimum temperature and humidity values.

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

▶ To reset the maximum and minimum temperature and humidity, press and hold down the "**MEM**" button about 2 seconds. This will reset all minimum and maximum data recorded to the current displayed values.

F.Y.I.:

▶ *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.*

If the battery symbol "▭" appears the batteries in the outdoor sensor should be replaced as soon as possible.

Frost ice tips

▶When the outdoor temperature is in the range of -1°C-+3°C or +30°F to + 37°F, the symbol " ice " flash display.

The weather forecast:

▶ The weather station calculates a weather forecast for about the next 12 hours based on the barometric pressure trend. Of course this forecast can't compare to that of professional weather services supported by satellites and high performance computers, but merely provides an approximate indication of current developments. Please take the weather forecast from your local weather forecasting service into account as well as the forecast from your weather station. If there are discrepancies between the information from your device and from the local weather forecasting service, please take the advice of the latter as authoritative.

▶ The weather station displays the following weather icon:

sunny	slightly cloudy	cloudy	rainy	Heavy rainy	Snowy
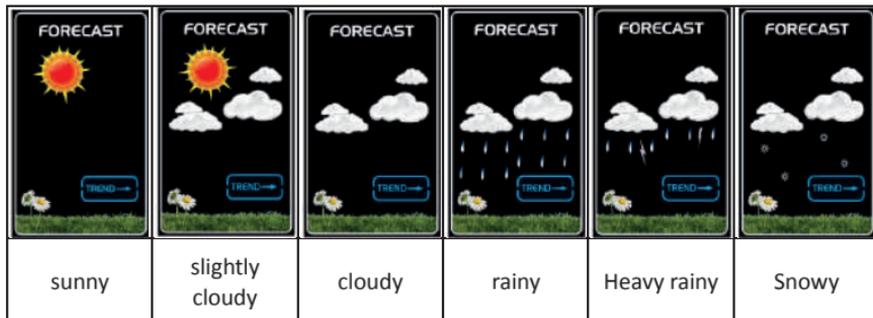
▶ The weather station can display the barometric pressure trend.

▶ You may see the following displays:

The barometric pressure will rise.

The barometric pressure will remain constant.

The barometric pressure will fall.

Background lighting

▶ Press the "**UP**" button to adjust the brightness of the backlight, you can adjust the 4 state: 3 different brightness backlight and close the backlight

▶ **When the power adapter of the product is disconnected, the product will switch to power by the backup battery. At this time, press any key to light up the backlight for 8 seconds**

F.Y.I.: If using battery power, WIFI will be automatically turned off

Precautions

● Avoid placing the clock/ weather station near interference sources/metal frames such as computer or TV sets.

● Do not expose it to direct sunlight, heavy heat, cold, high humidity or wet areas

● The outdoor sensor must not be set up and installed under water. Set it up in away direct sunlight and Rain

● Never clean the device using abrasive or corrosive materials or products. Abrasive cleaning agents may scratch plastic parts and corrode electronic circuits

● If there is any inconsistency of weather forecast between Local Weather Station and this unit, the Local Weather Station's forecast should prevail. The manufacturer will not take responsible for incorrect forecasting from this unit

Caution!
The manufacturer is not responsible for any radio or TV or other electronics

All enquires: service@youshiko.co.uk