

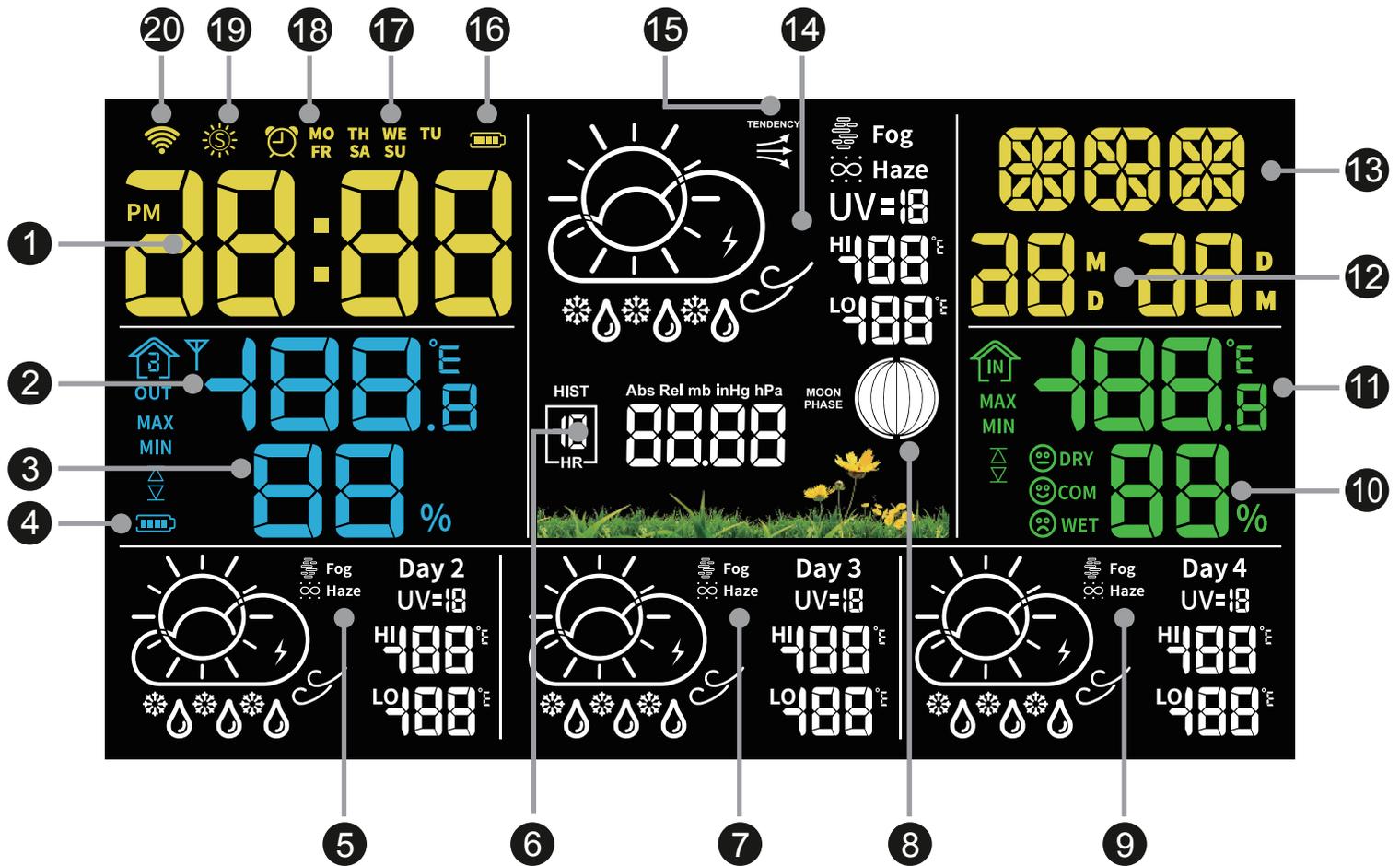
WiFi Weather Station

User Manual



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

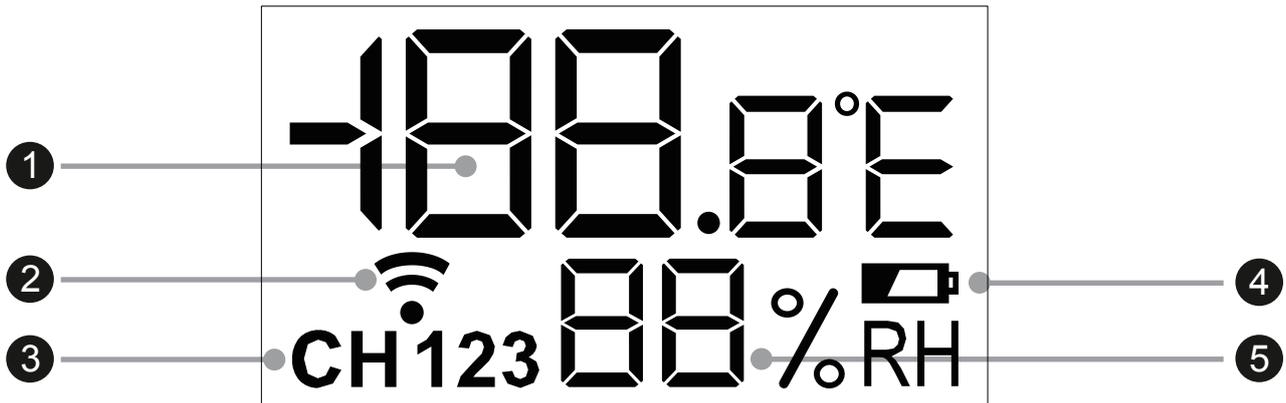
Interface Introduction of Host



- | | |
|--|---|
| 1. Time Display | 10. Outdoor Humidity |
| 2. Indoor Temperature | 11. Outdoor Temperature |
| 3. Indoor Humidity | 12. Month/Date |
| 4. Battery Level | 13. Week |
| 5. Day 2 Weather Forecast
(Highest&Lowest Temperature
and Ultraviolet) | 14. Day 1 Weather Forecast
(Highest&Lowest Temp-
erature and Ultraviolet) |
| 6. Atmospheric Pressure | 15. Trend Indicator |
| 7. Day 3 Weather Forecast
(Highest&Lowest Temperature
and Ultraviolet) | 16. Battery Level |
| 8. Moon Phase | 17. Alarm 3 Indicator |
| 9. Day 4 Weather Forecast
(Highest&Lowest Temperature and Ultraviolet) | 18. Alarm 2 Indicator |
| | 19. Alarm 1 Indicator |
| | 20. WIFI Indicator |

Host is for indoor use only.(This because need supplied by adapter)

Interface Introduction of Sensor



1.Outdoor Temperature

4.Battery Level

2.Sensor Wireless Signal

5.Outdoor Humidity

3.Sensor Channel

Sensor is indoor and outdoor use. However need to be protected against wet, water, rain, etc.

Main Function

- Weather forecast for the day (WIFI) and max/min temperature.
- Automatic time calibration.(After connecting to WIFI)
- 12/24 hour time/month/day/week display.
- Indoor&outdoor comfort indicator.
- 3 sets of alarm clocks: APP can support separate setting for the week.
- Indoor/outdoor temperature alarm, set on APP.
- °C to °F switchable,set on weather station or APP.
- Temperature and humidity max/min record.
- Trends in temperature and humidity,view on APP.
- Atmospheric pressure,moon phase,ultraviolet.

Operation

WIFI CONNECTION

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

1. Please download and install the "Tuya Smart" APP in the mobile app store and register as a user.

APP ICON:



2. Press and hold the "Wifi/Snooze/Light" button over 3 seconds to enter the WIFI distribution mode, the bottom dot(●) of the signal(📶) is flashing in the upper left corner of the screen(🕒).

3. Open the "Tuya Smart" APP, click the "+" button in the upper right corner to open the "Add Device" page.

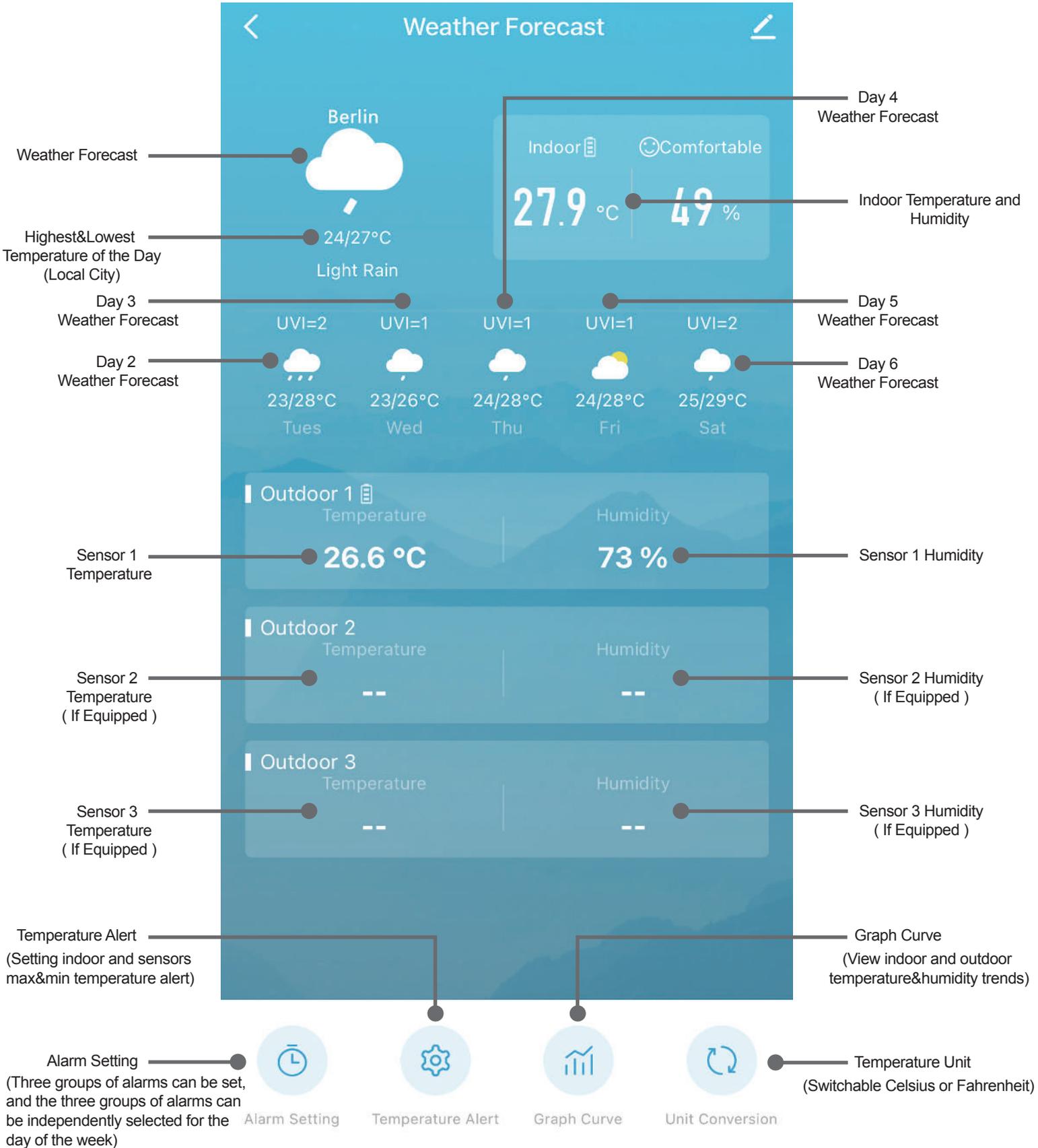
4. The default is to automatically search for devices and will discovering devices a icon "🌡️", click the "Add" button on the right, you will see a "Weather Forecast" and click "+" button to add device.

5. After added device and enter the WIFI pairing module, "Manual input" and "Set Now" will appear, select "Set Now" and allow the APP to use your local network.

6. APP automatically recognizes the network, enter the WIFI password and click "Next". Finally, click "Done" in the upper right corner to complete the pairing and enter the weather forecast management interface.

7. After connecting to the network, the weather station will automatically match the local time and date.

APP OPERATION INTERFACE



WEATHER STATION BUTTONS



MODE: Press and hold for 3 seconds to enter the time manual setting.

CH: Single press to switch sensor channel; long press to clear channel data and reconnect sensor.

ALARM: Single press to view A1, A2, A3, finally return to time mode; When single press the ALARM button to display A1 or A2 or A3, press and hold the ALARM button again to enter the A1/A2/A3 alarm setting.

WIFI/LIGHT/SNZ: When powered by batteries: Single press to light up the backlight for 10 seconds; When powered by adapter: Single press to turn ON/OFF the backlight, press and hold the "WIFI/LIGHT/SNZ" button over 3 seconds to enter the network configuration state.

+: In normal mode, there is no functional response for long press or single press.

-: Single press to switch °C or °F; Long press to switch air pressure units mb/hPa or inHg.

MAX/MIN: Press once to display the indoor&outdoor highest temperature and humidity record , press again to display the indoor&outdoor lowest temperature and humidity record, press again to exit; Long press to clear the record of the highest and lowest temperature and humidity.

SETTING TIME MANUALLY

1. Press and hold the **MODE** button to enter the time 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-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. Long press the "+" and "-" buttons for more than 3 seconds to quickly increase or decrease, 8 steps per second.
6. 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.Single press "**ALARM**" button to alarm A1 or A2 or A3.
 - 2.When A1 or A2 or A3 is displayed, long press the "**ALARM**" button to setting Hour, press again to setting Minute.
 - 3.During the setting process, single press the "+" or "-" button to increase and decrease the time. Press and hold for 3 seconds to quickly set the time.
 - 4.After A1-A2-A3 alarm clock setting is completed, the alarm clock is turned on by default, and the alarm clock signal  will be displayed on the screen.
 - 5.If you need to turn off the alarm clock, on the A1/A2/A3 display interface, single press the "+" or "-" button to turn off or turn on the alarm.
 - 6.10 seconds of no action will save the existing settings and return to the time display.
 - 7.Alarm sound is divided into 4 segments, 1~10 seconds "Bi" once; 10~20 seconds "Bi Bi" two beeps; 20~30 seconds "Bi Bi Bi Bi" four beeps; Long beep after 30 seconds.
 - 8.When the alarm rings, the alarm signal  flashes; Alarm time is 2 minutes.
 - 9.When the alarm clock rings,press any buttons to cancel the alarm.
- Remark:** Day of the week cannot be selected on the weather station.

MAX/MIN TEMPERATURE&HUMIDITY

- 1.Press once to display the highest temperature&humidity record, press again to display the lowest temperature&humidity record, press again to exit.

2. Long press to clear the record of the highest and lowest temperature and humidity; temperature displays "--.-" for 3 seconds, and then returns to the current temperature display.
3. After clearing the record, start to record the new MAX/MIN temperature and humidity.
4. MAX/MIN records the highest and lowest temperature & humidity of the day, which is automatically cleared and re-recorded at 0:00 every day.
5. When MAX or MIN is displayed, if there is no operation for 10 seconds, it will return to the current temperature display.

SNOOZE FUNCTION

1. When the alarm clock rings, press the **WIFI/LIGHT/SNZ** button, the alarm will be delayed for 5 minutes.
2. In "Snooze" state, press any buttons to cancel "Snooze".

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)	

CHANGING RADIO CHANNEL

Changing the Outdoor Sensor Radio Channel

1. Open the battery compartment on the rear of the appliance by removing the battery compartment cover.
2. Select a radio channel by pushing the channel selector switch **CH** to CH 1, CH 2 or CH 3.
3. Press and hold the weather station button **CH** until the reception signal  flashes on the outdoor display.
4. Press the **TX** button to manually initiate the outdoor sensor radio signal. If reception is successful, the temperature and humidity will now be displayed on the outdoor display on the new radio channel.

Changing the Weather Station Radio Channel

1. If the weather station is receiving the outdoor sensor radio signal, it will automatically display the appropriate channel. However, you can also manually set the display of the various radio channels.
2. Press button **CH** repeatedly to toggle between the displays  (show only channel 1),  (show only channel 2),  (show only channel 3) and  (scroll through all channels in a loop).

TROUBLESHOOTING

1. Disruptive obstacles or other interference sources such as concrete walls or other radio transmission appliances are located between the weather station and the outdoor sensor.
 - » Change the installation location and try again.
2. Distance between weather station and outdoor sensor is too great.
 - » Decrease the distance. "Visual contact" between the outdoor sensor and the weather station often improves the transmission.
3. The batteries in the weather station or the outdoor sensor are dead.
 - » Replace the batteries.

4.What to do if the location on the APP is not your local city?

»» Open Tuya "Smart APP" and enter "Weather Forecast"; Click the setting icon "  " in the upper right corner; Click on the bottom red font "Remove Device" and select "Disconnect and wipe data"; Finally restart the APP and then reconnect.

5.Can the weather station be powered by both battery and adapter?

»» Simultaneous use of dual power supplies will not affect the work of the weather station.(Main power by adapter.)

SPECIFICATION

1.Power Supply:

Weather Station: Adapter or 3×AAA Batteries

Sensor: 2×AAA Batteries

2.Temperature range: -9.9°C-50°C;

Temperature accuracy: 0-40°C: ±1°C, Other: ±2°C

3.Humidity range: 1%RH-99%RH; Humidity accuracy: ±5%RH

4.Air pressure range: 900-1050hPa; Air pressure accuracy: ±5hPa

5.Alarm decibel: 70dB(10CM is facing the weather station)

6.Power of weather station: 3W MAX

Power of sensor: 0.075W MAX

7.Voltage of weather station: DC 5V or 3×AAA Batteries 4.5V

Voltage of sensor: 2×AAA Batteries 3V

8.Current of weather station: 550mA MAX

Current of sensor: 25mA MAX

9.Low battery reminder of weather station: 3.6V(When using battery power)

Low battery reminder of sensor: 2.5V

10.Connection distance between weather station and sensor: 60M

(No Distractions/No Obstructions)

11.Connection distance between network and device: 25M

(No Distractions/No Obstructions)