Smart Wi-Fi & Bluetooth Thermo-Hygrometer Sensor

Stellar Instruments

USER MANUAL V2.1
FOR T401

Products Contents

Sensor X1

Double-sided tape
X1

Bracket
X1

AAA 1.5V
Batteries
X3

USB Cable
X1

KEY FEATURES

Detects current temperature and humidity and programs alarms when used with the Sensorpro app.

Save and Export historical data.

Display historical data with chart graph.

SPECIFICATIONS

Power Supply: DC 5V/1A, Type C
Backup Battery: AAA 1.5V
Bluetooth: 5.0 2.4GHz
Bluetooth Range: 50m in open area, decreased indoor
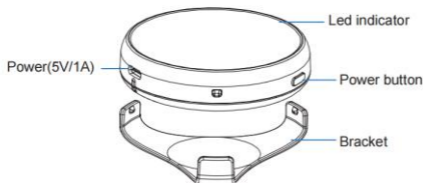Wi-Fi: 802.11 b/g/n 2.4GHz
Operating Temperature: $-10℃ - 60℃$
Operating Humidity: 0-99% (no condensation)
Temperature Accuracy: $\pm0.3°$ C / $\pm0.5°$ F (typical)
$0.5°$ C / $\pm0.9°$ F (max)
Humidity Accuracy: ±2% (typical) ±5%(max)

OVERVIEW

DOWNLOAD THE APP

SensorPro

Download the SensorPro app from the App Store or Google Play by searching "SensorPro".

# PAIRING MODE

Plug in the usb cable to the sensor.

If the led on the sensor flashes in red, it is pairing mode and ready for pairing with app.

If the led on the sensor is not flashing, press and hold the button for 3 seconds to enter the pairing mode.

ADD A SENSOR (Thermo-Hygrometer)

1 Take the sensor close your Wi-Fi router.
Make sure you hava a 2.4GHz Wi-Fi.

2 Tap on the "+" tab to add your sensor.
Select the Wi-Fi device. (
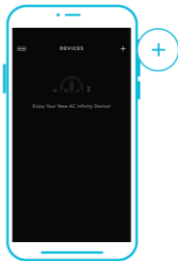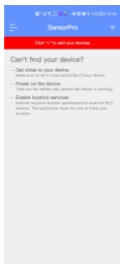
Note: Enable Bluetooth before starting the pairing process.

3 Register an account, if you have got an account already,then login the account directly.
When you have logged in the account, SensorPro will skip this step automatically.

ADD A SENSOR(Thermo-Hygrometer)

④ Tap Add to select your sensor to begin pairing.
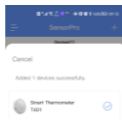or tap Next button to paire all devices.
插图

② Input the Wi-Fi passoword and tap "Next" to continue.
插图

② Tap DONE button to complete the pairing process.
Your sensor will appear in the main view.

REAL-TIME DATA

After we added a sensor, SensorPro APP shows real-time data in main view.

SensorPro APP collects real-time temperature and humidity data by Bluetooth if the sensor is within the Bluetooth detection range.
The Bluethooth detection range is about 50 meters in open area and will be decreased in door.

SensorPro APP also collects temperature and humidity data by cloud if the sensor connected with your router after pairing.
The sensor uploads data to cloud every 1 minute when powered by the plug-in USB cable.

Black and blue means real-time data.
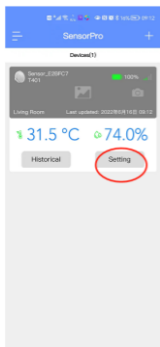
Gray means no real-time data.

Red means alert data

Real-time data
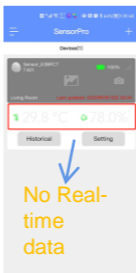
No Real-time data

SENSOR SETTINGS

Tap Setting button to go to sensor setting view.

SensorPro provide below personalized settings for customer.

① **Rename**

Rename your sensor by tapping Device name.
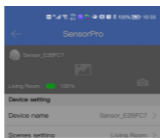
② **Scenes setting**

Customize your usage scenarios by tapping Scenes setting.
SensorPro provides some default scenarios for user with different background image.
You can also customize your background image by tapping
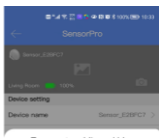The scene setting will help you remember where you place it.

SENSOR SETTINGS

③ Set alert conditions

SensorPro support to set a temperature and humidity range, when the temperature or humidity is out of range, it will push notification to the user.
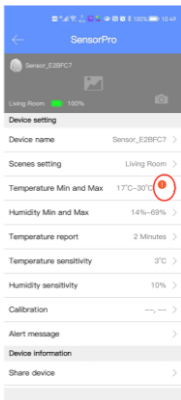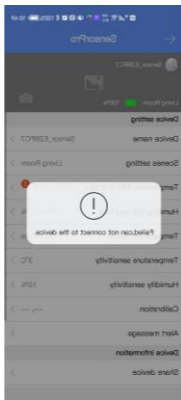
SENSOR SETTINGS

Note:

The sensor settings are preferentially synced to sensor via bluetooth.

If SensorPro APP cannot connect to snesor, the settings will be synced to the sensor via cloud and with a ❗

❗ indicates the setting does not take effect. Generally, it will take effect after 1 min when the usb cable is connected, and then the icon will disappear.