

# UbiBot® Wireless Multi-Sensor Device Series

## TH30S-B

External temperature and humidity probe TH30S-B is our self-developed product. It's produced and assembled in our own factory. It has exquisite appearance and high measurement accuracy. There is Micro USB plug and 3.5mm audio plug, can be connected with WS1 Pro and GS1 series.



- **Technical specifications**

Measuring Temperature Range : -40°C to +80°C (-40°F to +176°F)

Measuring Humidity Range : 0 to 100% RH

Accuracy :  $\pm 0.3^{\circ}\text{C}$ , resolution  $0.1^{\circ}\text{C}$   
 $\pm 2\%\text{RH}$ , resolution  $0.1\%\text{RH}$   
(in the condition of  $25^{\circ}\text{C}$ ,  $60\%\text{RH}$ )

Connector : Micro USB, 3.5mm Audio

Output Interface : RS485

Communications Protocol : Modbus

- **Physical specifications**

Materials : PE + Stainless steel

Size of probe : 7.5\*1.5cm (diameter)

Cable Length : 5 meters (Micro USB); 3 meters (Audio plug)

IP Level : IP42

Working Voltage : DC 5-12V

power dissipation :  $\leq 0.1\text{W}$