



## UbiBot TH30S-B Temperature and Humidity Sensor

SKU: UBITH30SB  
Manufacture Warranty period: 12 months  
Country of Origin: China

### Introduction

Combined temperature and humidity sensors into one probe, this external probe can monitor two metrics at one time, reducing cost and improving efficiency. The Audio plug is designed for the GS1 device and smart plug SP1. The measurements can access the data instantly on the screen or remotely view them via our app or web console. Moderately waterproof and dustproof features enable you to deploy it in dusty greenhouse or somewhere highly humid.

### Features

- RS485 interface, for GS1 device and smart plug SP1 only
- Waterproof / Dustproof
- High temperature resistance
- High humidity resistance
- Integrated sensors
- Wide applications



### Applications

- Online real-time detecting temperature, humidity, light level & vibration index
- Greenhouse
- Museum
- Wine Cellar
- Pharmacy
- Horticulture
- Animal Breeding Warehouse
- Server Room

### Reminder

The external sensors are disabled by default. Please enable them in the "Settings" page on the App or the console after inserting the probe into the device. In this case, the readings from the external probe are accessible.



## Specifications

Temperature	
Range:	-40°C to 80°C
Accuracy:	±0.3°C
Humidity	
Range:	0 to 100%RH
Accuracy:	±2%RH

Output Interface	RS485
Communications Protocol	Modbus
Material	ABS
Probe Material	PE
Cable Length	5 meters
Connector	3.5mm Audio Plug for GS1 or SP1
	Micro USB for WS1-Pro
IP Rating	IP42
Power Source	DC 5V to 12V
Size of Probe	7.5 x 1.5cm (Diameter)
Weight	84 grams

