

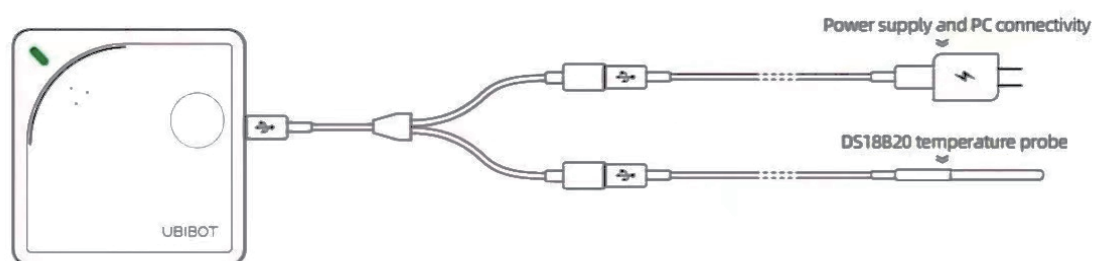
UbiBot<sup>®</sup> WS1 is a cloud-based environmental monitoring data logger. It has a compact size and light weight. Its built-in industrial-grade sensors can monitor temperature, humidity and ambient light values and give you accurate readings of environmental conditions. With a WiFi network connection, it automatically synchronizes data to the UbiBot<sup>®</sup> IoT Platform, giving you remote access to your data via UbiBot App or Web Console platform on a PC anywhere in the world and allowing you to receive alerts and monitor the environment in real time.



### FEATURES

- Temperature, humidity and ambient light monitoring
- 2.4 GHz WiFi network connection, no need of hubs or gateways
- Compact size and light weight - 65 x 65 x 16.5mm, 32g
- Free App & Web Console to access and monitor real-time data remotely, no subscription fee
- Unlimited UbiBot cloud storage for historical data; free historical data export
- Multiple ways of real-time alerts: App notifications, emails, phone calls, SMS, HTTP
- Working with IFTTT, Alexa, Google Assistant, Google Sheet
- 1 x DS18B20 external temperature probe is supported
- Easy setup with free UbiBot App or PC tools
- With a capacity of 300,000 records, UbiBot's memory stores all data even if WiFi is temporarily disconnected, ensuring there are no gaps in the data history.
- 2 types of power supply: AA batteries and external power supply
- Compliance with CE, EN 12830, FCC, FDA CFR21, IC, RCM, RoHS, TELEC

### EXTERNAL PROBES & ACCESSORIES SUPPORTED

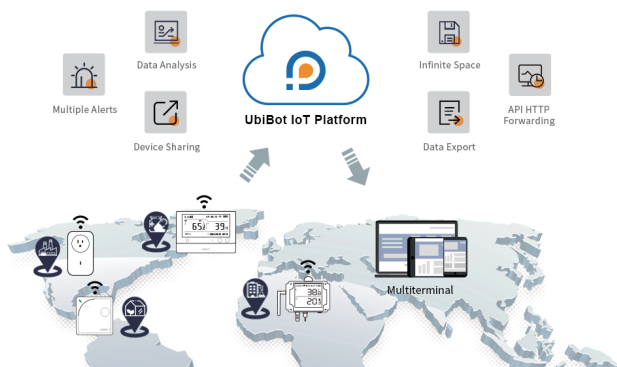


- UbiBot WS1 supports 1 x DS18B20 Temperature Probe.
- With a Micro-USB Cable Splitter, WS1 can connect 1 x DS18B20 Temperature Probe and external power supply at the same time.
- If the UbiBot device is used in continuously high humidity (over 90% RH), we suggest using the UbiBot water-resistant case and connecting DS18B20 external probes.

### SPECIFICATIONS

Technical specifications	
Temperature	-20°C to 60°C ( -4°F to 140°F )
Humidity	10% to 90%, No condensation
Ambient light	0-83k lux
Accuracy	temperature $\pm 0.3$ °C, humidity $\pm 3\%$ , ambient light $\pm 2\%$
Memory	300,000 sensor records
Network connection	
WiFi	2.4GHz or 2.4/5GHz, channels 1-13 (5GHz WiFi NOT supported)
Physical specifications	
Materials	Flame resistant ABS & PC
Dimensions	65*65*16.5mm
Weight	31.8g $\pm$ 3g
Colour	white
Ports	1*Mini USB, 1*Micro USB
Power Source	2 x AA batteries /Micro USB (5V/2A)
External probes	
External probes	1*DS18B20 temperature probe

### UbiBot Cloud IoT Platform



**Data Management:** Manage all your IoT data in one place; you could add as many devices as you want to one UbiBot account.

**Unlimited Storage:** Unlimited cloud-based storage ensures you will never run out of space. This allows you to view all your historical data via UbiBot App or Web.

**Free App & Web Console:** Using **UbiBot App** and **Web Console** is free. Powerful and thoughtful features provide you brilliant experience.

**Analysis and Visualization:** Use powerful analysis and visualization tools to get the most out of your data; spot trends and direct comparisons.

**Real-Time Alerts:** Fully customizable alert system will notify you via **App notifications, emails, phone call/SMS, HTTP** whenever any metric goes out of the range preset.

**Highly Secure Platform:** UbiBot IoT platform is designed to keep all your data secure so you never have to worry about hackers or other security issues.

**Third-Party Services:** Working with **IFTTT, Alexa, Google Assistant, Google Sheet**

**Compliant with FDA CFR21**