

UbiBot® Windustrial-grade GS1-A is a cloud-based WiFi environmental monitoring data logger. With a WiFi connection and built-in temperature and humidity sensors, it detects environmental data all day round and automatically syncs data to the UbiBot® IoT cloud platform, so you can access data and monitor the environment remotely from anywhere in the world via the free UbiBot APP or Web Console and to receive real-time alerts. It is IP65 dustproof and water-resistant, can adapt to harsh environment.



The clear 4" LCD screen allows you to instantly view the latest data.

It cannot support any external probes.

The device supports three types of power supply: internal lithium battery, Type-C 5V (USB cable provided), and DC 12V (not included). The 2900mA lithium battery ensures a long working time.

## FEATURES

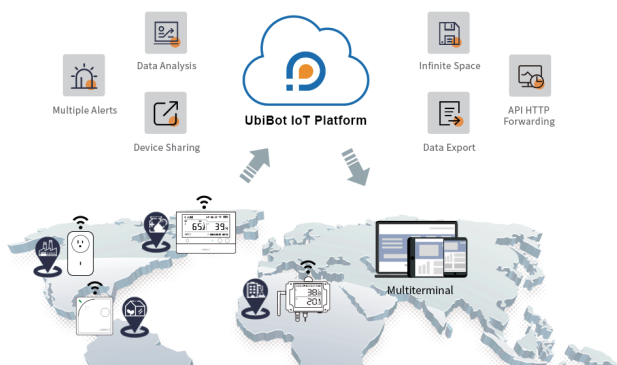
- Built-in temperature and humidity sensors
- 2.4 GHz WiFi network connection, no need of hubs or gateways
- Industrial-grade shell, strong and durable; IP65 dustproof and water-resistant for harsh environment
- 4" high-quality LCD screen displaying current environmental conditions
- Free App & Web Console 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 receiving real-time alerts: App notifications, emails, phone calls, SMS, HTTP
- Working with IFTTT, Google Sheet, Alexa
- Easy setup with free UbiBot App or PC tools
- Memory with a capacity of 300,000 records stores all data even if the network is temporarily disconnected, which ensures there are no gaps in the data history.
- Three types of power supply: internal lithium battery, Type-C 5V (USB cable provided), and DC 12V (not included)
- Compliance with CE, EN 12830, FCC, FDA CFR21, IC, RCM, RoHS, TELEC

## NOTE:

- GS1-A **can't support any external probes.**
- GS1-A can **only work with a 2.4 GHz WiFi network.** 5 GHz WiFi is not supported.
- GS1-A is **IP 65 waterproof**, but not resistant to high humidity over 90%

**SPECIFICATIONS**

Technical specifications	
Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	10% to 90%, No condensation
Accuracy	Temperature $\pm 0.3$ °C, Humidity $\pm 3\%$
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	11.5 x 9 x 5.5 cm
Weight	450g $\pm$ 3 g
Colour	White
Screen	4" LCD with backlight
Ports	1 x Type-C
Power Source	Internal Lithium batteries (2900 mAh); Type-C 5V (USB cable included); DC 12V (not included)
External probes	
External probes	Not supporting any external 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**