



## UbiBot GS1-A1RS-1DS Industrial Grade (WiFi) Temperature Humidity Light Data Logger IoT System

SKU: UBIGS1A1RS1DS  
Manufacture Warranty period: 12 months  
Country of Origin: China

### Introduction

UbiBot® GS1-A1RS-1DS is an industrial-grade cloud-based environmental monitoring data logger. It supports WiFi network connection.

This model is embedded with internal temperature, humidity and ambient light sensors. It detects environmental data all day round and automatically syncs all data to the UbiBot® IoT cloud platform, allowing you to access data and monitor the environment remotely from anywhere in the world via the UbiBot APP or Web Console and to receive real-time alerts.

It also supports multiple 5V RS485 external probes, but only one of each type can be connected at a time. The clear 4" LCD screen allows you to instantly view the latest data. The device build-in 2900mA lithium battery ensures a long working time.

GS1-A1RS-1DS has RS485 probes, it can also support 1 x DS18B20-Audio Temperature Probe, and only one of each type of probe can be connected at a time.

**\*Wind Speed Sensor is incompatible with DS18B20-Audio Temperature Probe.**

### Features

- Built-in temperature, humidity, and ambient light sensors
- 2.4 GHz WiFi network connection, no need of hubs or gateways
- Industrial-grade shell, strong and durable
- 4" high-quality LCD screen displaying current environmental conditions
- Free-limited App & Web Console to access and monitor real-time data remotely.
- UbiBot cloud storage for historical data; and data export
- Multiple ways of receiving real-time alerts: App notifications, emails, SMS, HTTP
- Working with IFTTT, Google Sheet, Alexa
- Supporting multiple RS485 external probes, but only one of each type can be connected at a time
- Easy setup with 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.
- Compliance with CE, EN 12830, FCC, FDA CFR21, IC, RCM, RoHS, TELEC.

**\*Note: The optimal operational environment is 10% to 90% RH. Long-term exposure to a high-humidity environment, over 90% RH, may cause damage to the device.**

## Specifications

| Temperature   |                             |
|---------------|-----------------------------|
| Range:        | -20 °C to 60°C              |
| Accuracy:     | ± 0.3°C                     |
| Resolution:   | Resolution: 0.1             |
| Humidity      |                             |
| Range:        | 10% to 90%, No condensation |
| Accuracy:     | ±3%                         |
| Resolution:   | 0.1                         |
| Ambient Light |                             |
| Range:        | 0.1 to 157K Lux             |
| Accuracy:     | ±10%                        |
| Resolution:   | 0.1                         |

|                  |  |
|------------------|--|
| Operation System | iOS 11+, Android 8.1+, or Windows 7+, or macOS v10.8   |
| WiFi Information | Supports 20MHz or "Auto" setting supports OPEN, WEP, or WPA/WPA2 types, WPA2-Enterprise (802.1x / RADIUS authentication) network is not supported, requires 2.4GHz (802.11 b/g/n), channels 1-13 (5GHz WiFi NOT supported) |
| Memory           | 300,000 sensor records   |
| Material         | Flame resistant ABS+PC   |
| Switch Type      | Button   |
| Colour           | White  |
| Power Source     | Internal Lithium batteries 2900 mAh (Built-in)   |
|                  | Type-C 5V USB Cable (1m) - Included  |
|                  | 5V2A UK Power adapter (Provided to Singapore only)   |
| Screen Size      | 4"   |
| Dimensions       | 11.5 x 9 x 5.5 cm  |
| Weight           | 436g ± 3g  |

## Package includes

|                                       |
|---------------------------------------|
| 1 x GS1-A1RS device                   |
| 1 x External antenna                  |
| 1 x manual book                       |
| 1 x Type-C USB cable (1m)             |
| 1 x 5V/2A Power Adapter (Safety Mark) |



⚠ Supports up to 5 probes simultaneously, 1 of each type. The TH30S-B probe is not compatible with CO<sub>2</sub> on some models. For details, please contact us for specific instructions.

## Multiple Accurate Sensors integrated into One Device



## Recommended Use Cases for Each Version



## The cloud-based IoT platform

UbiBot<sup>®</sup> offers a revolutionary way to monitor environmental conditions where they matter. The sensors synchronize data to UbiBot<sup>®</sup> IoT Platform using WiFi, Cellular or Ethernet connection (depending on the specific model purchased). Users can then access data from anywhere via a smartphone or the Web console.

### Features:

- **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.
- **Working with IFTTT, Alexa, Google Assistant, Google Sheet**
- Compliant with FDA CFR21

### Details:

#### Real-time and history data

The UbiBot Platform is a cloud-based IoT platform where all measured data is uploaded and stored. UbiBot App and Web Console allow you to view current data as well as historical data in graphs.

#### Customizable alerts and bulk operation

Setting and receiving alerts on your devices helps you to get notified of the conditions timely. When you have many devices to manage, it's time-consuming to set each alert rule one by one. Therefore, we've developed a bulk operation module with which you can set the same rule for many devices at a time.

### Data export

On UbiBot Platform, you can download the history data in CSV or PDF format. The CSV file only contains raw data, while the PDF file is a summarized report with average, maximum and minimum value within the chosen period. The PDF file is much easier to read and archive.

### Device sharing and bulk operation

For business users, centralized control over multiple devices is available, with no limit on the number of devices in one account. Also available are bulk operations that apply to sensor settings, alerts, and remote control routines. Devices can be shared with other people, which allows for distributed management by different colleagues.

### Intelligent automation in UbiBot platform

UbiBot is committed to building intelligent industrial and home ecosystems. By integrating temperature and humidity sensors and the smart plug SP1 in one system, automated operation is achieved through data linkage. For example, fans can be switched on when the temperature rises to 30 °C.

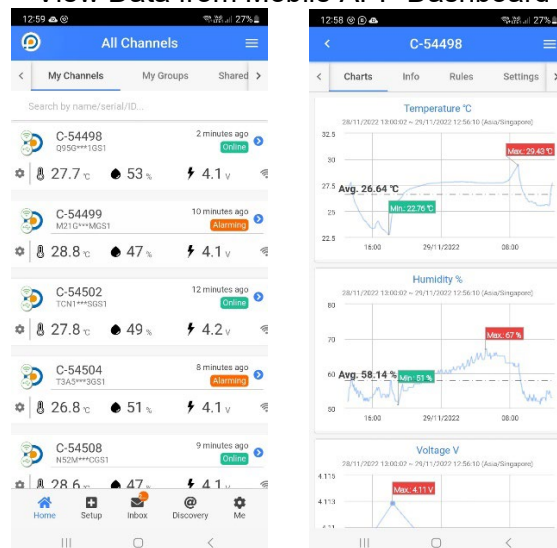
### Data forwarding

UbiBot is an open platform that provides cloud-based services while supporting customers to use their own storage servers. With the data forwarding service, you can forward the data collected by your device to your own private URL to protect privacy.

### Platform-based calibration

UbiBot platform supports data calibration both on the platform level as well as the device level. One-step calibration, instant display, no impact on historical data.

### View Data from Mobile APP Dashboard



### View Data from PC Dashboard

| Channel ID | Channel Name            | Device ID                | Parameter   | Temperature | Humidity | Voltage | WiFi RSSI | WiFi Signal | WiFi Channel | WiFi Mode | WiFi Security | WiFi Frequency | WiFi Channel Width | WiFi Signal Strength | WiFi Signal Quality | WiFi Signal-to-Noise Ratio | WiFi Signal-to-Interference Ratio | WiFi Signal-to-Interference-plus-Noise Ratio |
|------------|-------------------------|--------------------------|-------------|-------------|----------|---------|-----------|-------------|--------------|-----------|---------------|----------------|--------------------|----------------------|---------------------|----------------------------|-----------------------------------|--|
| C-54498    | GMM Showroom-Printer    | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54499    | GMM Showroom-WRAP       | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54500    | GMM Showroom-Controller | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54501    | C-54498                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54502    | C-54499                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54503    | C-54500                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54504    | C-54501                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54505    | C-54502                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54506    | C-54503                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54507    | C-54504                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54508    | C-54505                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54509    | C-54506                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54510    | C-54507                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |
| C-54511    | C-54508                 | SN: 10000000000000000000 | Temperature | 26.6        | 53.0     | 4.1     | -45       | 109.1       | 629.6        | 30.2      | 49.4          | 26.6           | 53.0               | 4.1                  | -45                 | 109.1                      | 629.6                             | 30.2   |

Home
0.00 Credits
SIM Card
Messages
Spam
Privacy
API Docs
Blue
English
suz\*\*\*@gmm.com.sg

**C-54498**  
No description

26.6 53.0 4.1 -45 109.1 629.6 30.2

49.4

Show all sensors

Orders

Bills

Share

Clear Channel Data

Delete Device

Owner: gmmtechnoworld Access: Private Space Activated at: 10/11/2022 15:17:52 (Asia/Singapore)

Channel ID: 54498 Current Plan: ubiBot\_free Change Last Entry ID and Date: 28/11/2022 13:41:45 (5 minutes ago) #15606

Serial Number: Q95G\*\*\*1GS1 Copy Used Space: 1.9 MB Firmware Version: gs1\_v1.2.7

Product ID: ubiBot-gs1-aeth1rs Monthly Traffic Downloads: 118.8 KB Network: MAC Address: fc:45:c3:b7:8e:7d Copy Wi-Fi: GMMTechnoworld

Private View Rules Trigger Logs Settings Pending Commands Executed Commands API Keys Data Import/Export Public View Logs

Sample From 28/11/2022 To 28/11/2022 Refresh Download Select sensor Accessibility Chart Extension

Temperature(°C) : 26.6°C

Humidity(%) : 53.0%

Voltage(V) : 4.1V

WIFI RSSI(dBm) : -45.0dBm



Download Data in Excel or PDF Format

| created_at                | field1<br>(Temperature °C) | field2 (Humidity) | field3(Light) | field4(Voltage) |
|---------------------------|----------------------------|-------------------|---------------|-----------------|
| 2019-05-27T15:28:08+08:00 | 25.88121                   | 60                | 81.639999     | 5               |
| 2019-05-27T15:28:10+08:00 | 25.894562                  | 60                | 76.439995     | 5               |
| 2019-05-27T15:28:12+08:00 | 25.937286                  | 61                | 76.919998     | 5               |
| 2019-05-27T15:28:14+08:00 | 25.937286                  | 61                | 79.5          | 5               |
| 2019-05-27T15:28:15+08:00 | 25.96666                   | 62                | 77.799995     | 5               |
| 2019-05-27T15:28:16+08:00 | 25.96666                   | 62                | 75.919998     | 5               |
| 2019-05-27T15:28:18+08:00 | 26.006714                  | 62                | 76.860001     | 5               |
| 2019-05-27T15:28:19+08:00 | 26.022736                  | 62                | 77.720001     | 5               |
| 2019-05-27T15:28:25+08:00 | 26.121536                  | 63                | 78.540001     | 5               |
| 2019-05-27T15:28:47+08:00 | 26.404594                  | 60                | 97.439995     | 5               |
| 2019-05-27T15:28:51+08:00 |                            |                   |               |                 |
| 2019-05-27T15:29:47+08:00 | 26.615547                  | 58                | 78.939995     |                 |
| 2019-05-27T15:30:47+08:00 | 26.658272                  | 58                | 86.559998     |                 |
| 2019-05-27T15:31:47+08:00 | 26.700996                  | 57                | 96.839996     |                 |
| 2019-05-27T15:32:47+08:00 | 26.700996                  | 57                | 84.479996     |                 |
| 2019-05-27T15:33:47+08:00 | 26.743721                  | 57                | 83.279999     |                 |

## Data Report

Channel Name: GMM Showroom Freezer 1  
 Data Start: 01/05/2023 00:00:00 to 30/05/2023 00:00:00  
 Report Generated: 31/05/2023 18:57:59

The current data transmission has been truncated, there are 8000 pieces of data in total.  
 Timezone: Asia/Singapore

**Device Information**  
 Channel Name: GMM Showroom Freezer 1  
 Channel ID: 59273  
 Serial: DR294W5L1  
 Product ID: ubitbot-w1

**Permission: Public**  
 Plan ID: ubitbot\_free  
 Storage Used: 16.99 MB  
 Download Traffic: 583.97 kB

**Activated at: 10/02/2023 15:19:55**  
 Last Entry: 31/05/2023 18:54:49  
 Firmware: v3.0.1  
 WiFi SSID: GMMTechnoworld

| Sensor          | Maximum | Minimum | Average |
|-----------------|---------|---------|---------|
| Temperature(°C) | 32.82   | 22.52   | 28.65   |
| Humidity(%)     | 68.00   | 45.00   | 57.81   |
| Light(lux)      | 366.24  | 0.08    | 101.81  |
| Voltage(V)      | 5.00    | 5.00    | 5.00    |

Data Report-GMM Showroom Freezer 1[CHANNEL ID:59273] File Created: 31/05/2023 18:57:59

| Sensor                         | Maximum | Minimum | Average |
|--------------------------------|---------|---------|---------|
| WiFi RSSI(dBm)                 | -23.00  | -43.00  | -28.11  |
| External Temperature Probe(°C) | 7.81    | -25.31  | -19.02  |

Temperature (°C)

Data Report-GMM Showroom Freezer 1[CHANNEL ID:59273] File Created: 31/05/2023 18:57:59

GMM Showroom Freezer 1[Channel ID: 59273] Temperature(°C)

| Entry | Created At          | Temperature | Entry | Created At          | Temperature |     |                     |       |
|-------|---------------------|-------------|-------|---------------------|-------------|-----|---------------------|-------|
| 1     | 01/05/2023 00:01:56 | 30.48       | 44    | 01/05/2023 03:38:59 | 30.58       | 87  | 01/05/2023 07:34:03 | 30.66 |
| 2     | 01/05/2023 00:08:55 | 30.59       | 45    | 01/05/2023 03:43:59 | 30.52       | 88  | 01/05/2023 07:39:03 | 30.60 |
| 3     | 01/05/2023 00:13:55 | 30.56       | 46    | 01/05/2023 03:48:59 | 30.50       | 89  | 01/05/2023 07:44:03 | 30.70 |
| 4     | 01/05/2023 00:18:56 | 30.53       | 47    | 01/05/2023 03:53:59 | 30.55       | 90  | 01/05/2023 07:49:03 | 30.66 |
| 5     | 01/05/2023 00:23:56 | 30.59       | 48    | 01/05/2023 03:58:59 | 30.53       | 91  | 01/05/2023 07:54:03 | 30.69 |
| 6     | 01/05/2023 00:28:56 | 30.50       | 49    | 01/05/2023 04:03:59 | 30.53       | 92  | 01/05/2023 07:59:03 | 30.71 |
| 7     | 01/05/2023 00:33:56 | 30.46       | 50    | 01/05/2023 04:08:59 | 30.69       | 93  | 01/05/2023 07:44:02 | 30.66 |
| 8     | 01/05/2023 00:38:56 | 30.55       | 51    | 01/05/2023 04:13:59 | 30.65       | 94  | 01/05/2023 07:49:02 | 30.65 |
| 9     | 01/05/2023 00:43:56 | 30.50       | 52    | 01/05/2023 04:18:59 | 30.66       | 95  | 01/05/2023 07:54:02 | 30.69 |
| 10    | 01/05/2023 00:48:56 | 30.50       | 53    | 01/05/2023 04:23:59 | 30.73       | 96  | 01/05/2023 07:59:02 | 30.60 |
| 11    | 01/05/2023 00:53:56 | 30.62       | 54    | 01/05/2023 04:28:59 | 30.73       | 97  | 01/05/2023 08:04:02 | 30.65 |
| 12    | 01/05/2023 00:58:56 | 30.59       | 55    | 01/05/2023 04:33:59 | 30.71       | 98  | 01/05/2023 08:09:02 | 30.73 |
| 13    | 01/05/2023 01:03:56 | 30.53       | 56    | 01/05/2023 04:38:59 | 30.60       | 99  | 01/05/2023 08:14:02 | 30.66 |
| 14    | 01/05/2023 01:08:56 | 30.59       | 57    | 01/05/2023 04:43:59 | 30.73       | 100 | 01/05/2023 08:19:02 | 30.65 |
| 15    | 01/05/2023 01:13:56 | 30.45       | 58    | 01/05/2023 04:48:59 | 30.74       | 101 | 01/05/2023 08:24:02 | 30.74 |
| 16    | 01/05/2023 01:18:56 | 30.45       | 59    | 01/05/2023 04:53:59 | 30.64       | 102 | 01/05/2023 08:29:02 | 30.65 |
| 17    | 01/05/2023 01:23:57 | 30.57       | 60    | 01/05/2023 04:58:59 | 30.76       | 103 | 01/05/2023 08:34:02 | 30.62 |
| 18    | 01/05/2023 01:28:57 | 30.50       | 61    | 01/05/2023 05:03:59 | 30.74       | 104 | 01/05/2023 08:39:02 | 30.69 |
| 19    | 01/05/2023 01:33:57 | 30.49       | 62    | 01/05/2023 05:08:59 | 30.81       | 105 | 01/05/2023 08:44:03 | 30.65 |
| 20    | 01/05/2023 01:38:57 | 30.59       | 63    | 01/05/2023 05:13:59 | 30.77       | 106 | 01/05/2023 08:49:03 | 30.63 |
| 21    | 01/05/2023 01:43:57 | 30.49       | 64    | 01/05/2023 05:18:59 | 30.79       | 107 | 01/05/2023 08:54:03 | 30.71 |
| 22    | 01/05/2023 01:48:57 | 30.46       | 65    | 01/05/2023 05:23:59 | 30.89       | 108 | 01/05/2023 08:59:03 | 30.65 |
| 23    | 01/05/2023 01:53:57 | 30.53       | 66    | 01/05/2023 05:28:59 | 30.74       | 109 | 01/05/2023 09:04:03 | 30.62 |
| 24    | 01/05/2023 01:58:57 | 30.48       | 67    | 01/05/2023 05:33:59 | 30.76       | 110 | 01/05/2023 09:09:03 | 30.69 |
| 25    | 01/05/2023 02:03:57 | 30.43       | 68    | 01/05/2023 05:38:59 | 30.77       | 111 | 01/05/2023 09:14:03 | 30.63 |
| 26    | 01/05/2023 02:08:57 | 30.56       | 69    | 01/05/2023 05:44:00 | 30.73       | 112 | 01/05/2023 09:19:03 | 30.63 |
| 27    | 01/05/2023 02:13:57 | 30.53       | 70    | 01/05/2023 05:49:00 | 30.70       | 113 | 01/05/2023 09:24:03 | 30.70 |
| 28    | 01/05/2023 02:18:57 | 30.59       | 71    | 01/05/2023 05:54:00 | 30.68       | 114 | 01/05/2023 09:29:03 | 30.69 |
| 29    | 01/05/2023 02:23:58 | 30.56       | 72    | 01/05/2023 05:59:00 | 30.73       | 115 | 01/05/2023 09:34:03 | 30.62 |
| 30    | 01/05/2023 02:28:58 | 30.50       | 73    | 01/05/2023 06:04:00 | 30.65       | 116 | 01/05/2023 09:39:02 | 30.67 |
| 31    | 01/05/2023 02:33:58 | 30.45       | 74    | 01/05/2023 06:09:00 | 30.73       | 117 | 01/05/2023 09:44:02 | 30.58 |
| 32    | 01/05/2023 02:38:58 | 30.55       | 75    | 01/05/2023 06:14:00 | 30.67       | 118 | 01/05/2023 09:49:03 | 30.60 |
| 33    | 01/05/2023 02:43:58 | 30.50       | 76    | 01/05/2023 06:19:00 | 30.67       | 119 | 01/05/2023 09:54:03 | 30.65 |
| 34    | 01/05/2023 02:48:58 | 30.52       | 77    | 01/05/2023 06:24:00 | 30.77       | 120 | 01/05/2023 09:59:03 | 30.66 |
| 35    | 01/05/2023 02:53:58 | 30.63       | 78    | 01/05/2023 06:29:00 | 30.73       | 121 | 01/05/2023 10:04:03 | 30.63 |
| 36    | 01/05/2023 02:58:58 | 30.55       | 79    | 01/05/2023 06:34:00 | 30.67       | 122 | 01/05/2023 10:09:03 | 30.73 |
| 37    | 01/05/2023 03:03:58 | 30.47       | 80    | 01/05/2023 06:39:00 | 30.74       | 123 | 01/05/2023 10:14:03 | 30.66 |
| 38    | 01/05/2023 03:08:58 | 30.55       | 81    | 01/05/2023 06:44:00 | 30.65       | 124 | 01/05/2023 10:19:03 | 30.62 |
| 39    | 01/05/2023 03:13:58 | 30.49       | 82    | 01/05/2023 06:49:00 | 30.65       | 125 | 01/05/2023 10:24:03 | 30.66 |
| 40    | 01/05/2023 03:18:58 | 30.50       | 83    | 01/05/2023 06:54:00 | 30.63       | 126 | 01/05/2023 10:29:03 | 30.59 |
| 41    | 01/05/2023 03:23:59 | 30.60       | 84    | 01/05/2023 06:59:00 | 30.73       | 127 | 01/05/2023 10:34:03 | 30.59 |
| 42    | 01/05/2023 03:28:59 | 30.56       | 85    | 01/05/2023 07:04:00 | 30.70       | 128 | 01/05/2023 10:39:02 | 30.67 |
| 43    | 01/05/2023 03:33:59 | 30.50       | 86    | 01/05/2023 07:09:00 | 30.77       | 129 | 01/05/2023 10:44:02 | 30.60 |



## UbiBot DS18B20 Waterproof Temperature Probe (-55°C to 125°C) shielded cable

SKU: UBIDS18B20  
Manufacture Warranty period: 12 months  
Country of Origin: China

### Descriptions

The DS18B20 is a waterproof external temperature probe that operates in extreme conditions (-55°C to 125°C). The Micro USB connector is compatible with all our smart monitoring devices including the WS1 and GS1.

The probe is made from high-quality stainless steel, so it won't rust in any conditions. The round shielded wire cable lengths are designed to offer you maximum flexibility. The ready-to-use Micro USB or audio plug connector allows you to deploy this probe in one second.

### Features

- Stainless steel material
- Suitable for extremely hot or cold environments
- Works with all our IoT devices
- Ready to use straight from the box

### Applications

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

### Specification

|                   |  |
|-------------------|--|
| Temperature Range | -55°C to +125°C                        |
| Accuracy          | ±0.5°C (over the range -10°C to +85°C) |
| Probe Material    | Stainless Steel She                    |
| Connector         | Micro USB for WS1 Pro                  |
|                   | Audio Plug for GS1                     |
| Cable Length      | 3 or 5 meters                          |
| Size of Probe     | 6mm diameter x 50mm long               |
| IP Level          | IP68                                   |



## External Temperature Probe

Various Lengths  
3m ; 3m flat ; 5m.....

Waterproof  
Stainless  
Steel



Waterproof DS18B20 Probe

## External Temperature Probe

Various Lengths  
3m ; 5m.....

Waterproof  
Stainless  
Steel



Suitable for use in harsh/wet environments

