


UbiBot GS1-AETH1RS-V1 Industrial-Grade WIFI RJ45 Temperature Humidity Data Logger IoT System



Works with **IFTTT**

2.4GHz WiFi /
RJ45 Ethernet cable

Model: UBIGS1AETH1RSV1
Manufacture warranty: 12 months
Country of Origin: China

Descriptions

This version provides two ways of data synchronization: 2.4GHz WiFi and Ethernet cable. When used in an environment where WiFi is not available or unstable, the Ethernet cable helps a lot. This model is embedded with internal temperature and humidity sensors. Integrated with RS485 interface, external probes can also be connected, such as TH30S-B, soil temperature and humidity probe, etc. Because of the cable port, this version is not waterproof.

Please note, the GS1 device only supports Ethernet switch with 100 mbps or lower. Gigabit switching hub with auto-negotiation is also compatible.

The UbiBot® GS1 uses the cutting-edge IoT technologies to offer a more stable environmental monitoring with high performance. Via WiFi or RJ45 Ethernet cable, it detects environmental data all day round and automatically syncs all the data to the UbiBot®IoT Platform. The clear 4" screen allows you to instantly view the latest data. You can also access your device readings in real-time via our App or using a browser anywhere in the world.

Our cloud-based IoT platform offers advanced data analysis and management. It also allows you to setup real-time notifications - if a metric goes outside the range you specify, the platform will notify you through the app, by email, SMS text, voice call and HTTP, allowing you to respond promptly before costly damage happens. Please note, charges may apply to SMS text and voice call alert modes. These two modes cost the balance of the credits in your account.

Gmm

Features

- Free App & email alerts
- Instant data visualization via LCD screen
- Data sync via WiFi & Ethernet cable connectivity
- 24/7 temperature & humidity monitoring
- RS485 interface, multiple probes accessible
- Multiple power supply methods
- Larger internal storage with up to 300,000 records
- No hub required

Applications

- Online real-time detecting temperature, humidity
- Agriculture
- Greenhouse
- Museum
- Wine Cellar
- Pharmacy
- Horticulture
- Animal Breeding Warehouse

Dimension:


- 11.5 x 9 x 5.5 cm
- Weight: 450 grams

Package List

- 1 x GS1-AETH1RS-V1 device
- 1 x manual book
- 1 x Type-C USB cable

Specification:

- Temperature
 - Range: -20°C to 60°C (-4°F to 140°F)
 - Accuracy: $\pm 0.3^{\circ}\text{C}$
- Humidity
 - Range: 10% to 90%
 - Accuracy: $\pm 3\% \text{RH}$
- Memory: 300,000 sensor records
- WiFi Specifications: **2.4GHz**, channels 1-13 (**5GHz WiFi NOT supported**)
- Ethernet Specifications: RJ45 Ethernet cable.
- Ethernet switch: 100 mbps or lower.
- Screen Size: 4"
- Color: White
- Material: Flame resistant ABS+PC
- Switch Type: button
- Power Source:
 - Internal Lithium 2900mAh batteries (Built-in)
 - Type-C 5V USB Cable (Provided)
 - DC 12V (Optional)





External Probe Selection (Optional):

- External DS18B20 temperature probe
- RS485 temperature and humidity probe
- Soil temperature and humidity probe
- PT100 industrial-grade temperature probe
- Carbon Dioxide CO2 Probe (10,000ppm)
- Wind Speed probe



⚠ Supports up to 4 probes simultaneously, 1 of each type. The TH305-B probe isn't compatible with CO2 probe. Avoid using them together.



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Multiple Accurate Sensors integrated into One Device



 Temperature Precision ± 0.3°C Range -20~60°C	 Humidity Precision ± 3%RH Range 10~90%
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Recommended Use Cases for Each Version



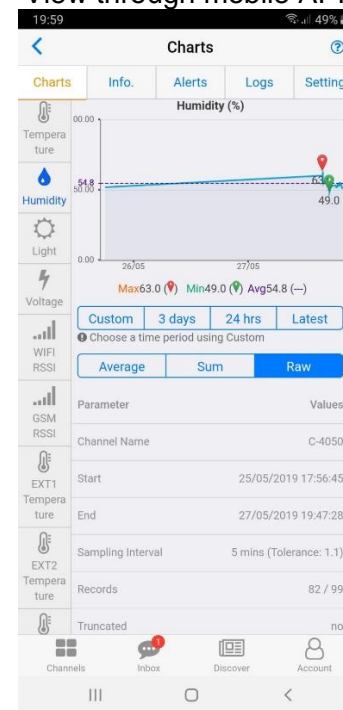


The cloud-based IoT platform offers advanced data analysis and management. It also allows you to setup real-time notifications - if a metric goes outside the range you specify, the platform will notify you through the app, by email or other methods, allowing you to respond promptly before costly damage happens. The IoT platform gives users access to both the real-time data and history via our mobile app or on any browser. We are now working with IFTTT (if this then that), allowing you to build custom link with other smart devices.

The data sync interval can be set by you. This allows you to balance battery life against frequency of data capture. With the default data sync interval of 15 minutes the device has a battery life of up to 4- 6 months using 2 AA alkaline batteries. Power-supply using Micro-USB is supported. You can check the battery voltage of the device remotely and set up rules to be notified when low-battery, network failure or sensor reading exceeds the setting range. Available rule alerts include Email, APP. Please note, charges may apply to SMS text and voice call alert modes. These two modes cost the balance of the credits in your account.

No subscription is needed. Free 200MB Cloud Storage enough to store data over 2 years on default settings. Export the data to CSV or PDF without extra charge.

View through mobile APP



Data download in CSV format

created_at	field1 (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	76.439999	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	



View dashboard through PC

C-4050 No description 23.5 °C 50.0 % 114.1 lx 5.0 V -°C -°C -43.0 dbm [Hide ^](#) [Share](#) [Clear Channel Data](#) [Delete Device](#) [<](#) [>](#)

Owner:	gmmtechnoworld	Access:	Private	Activated at:	27/05/2019 15:43:27
Channel ID:	4050	Current Package:	ubibot_free	Last Entry ID and Date:	27/05/2019 20:02:36 (2 minutes ago) #307
Serial Number:	038X***0WS1P	Used Space :	36.0 kB	Firmware Version	ws1pro_v1.4.5
Product ID:	ubibot-ws1p	Monthly Traffic Downloads :	74.0 kB	Network :	Wi-Fi: GMM Technoworld

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Temperature(°C) : 23.5°C

Humidity(%) : 50.0%