

UbiBot® SP1-WiFi is a cloud-supported smart plug that enables full control of connected appliances via WiFi connection according to the environmental conditions. The smart plug supports physical control (via button), user-operated remote control (via App), and fully automatic schedule.

Smart Plug SP1-WiFi can make ordinary appliances connected to the Internet of Things and become intelligent. Smart Plug SP1 can be connected to UbiBot® IoT Platform. The working status, timing and linkage of other connected devices can be set on the platform to achieve intelligence.

Smart Plug SP1-WiFi can connect a variety of external probes with which it can monitor the environmental conditions and synchronize real-time data to the UbiBot cloud platform using WiFi connection. This allows users access to both real-time and historical data through the UbiBot App or Web Console platform from anywhere in the world. With the automation rules you set, Smart Plug SP1-WiFi can power on/off the appliances connected with it automatically according to the environmental conditions. For example, it can turn on the fan when the temperature is higher than 26 °C. It can also trigger alerts when any metrics go out of the preset range.



FEATURES

- WiFi-enabled wireless remote control and fully automatic control
- New international safety standards - child protection design; 750°C high temperature flame resistant material
- Scheduling, timer, countdown, and linkage control to automatically power on/off connected appliances
- External probes are supported to realize real-time environmental monitoring and automatic power on/off according to the environmental conditions
- Voltage, Current, Power, Cumulative Electricity Consumption monitoring
- 2.4 GHz WiFi network connection, no hubs or gateways required
- Working with IFTTT, Alexa, Google Assistant, Google Sheet
- 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
- Easy setup with free UbiBot App or PC tools
- With a capacity of 300,000 records, the memory stores all data even if WiFi is temporarily disconnected, ensuring there are no gaps in the data history
- Compliance with CE, FCC, IC, RoHS

MULTINATIONAL STANDARDS



European Standard



French Standard



American Standard



British Standard

EXTERNAL PROBES & ACCESSORIES

With splitters, UbiBot® SP1-WiFi supports multiple RS485 probes and 1 x DS18B20-Audio Temperature Probe:

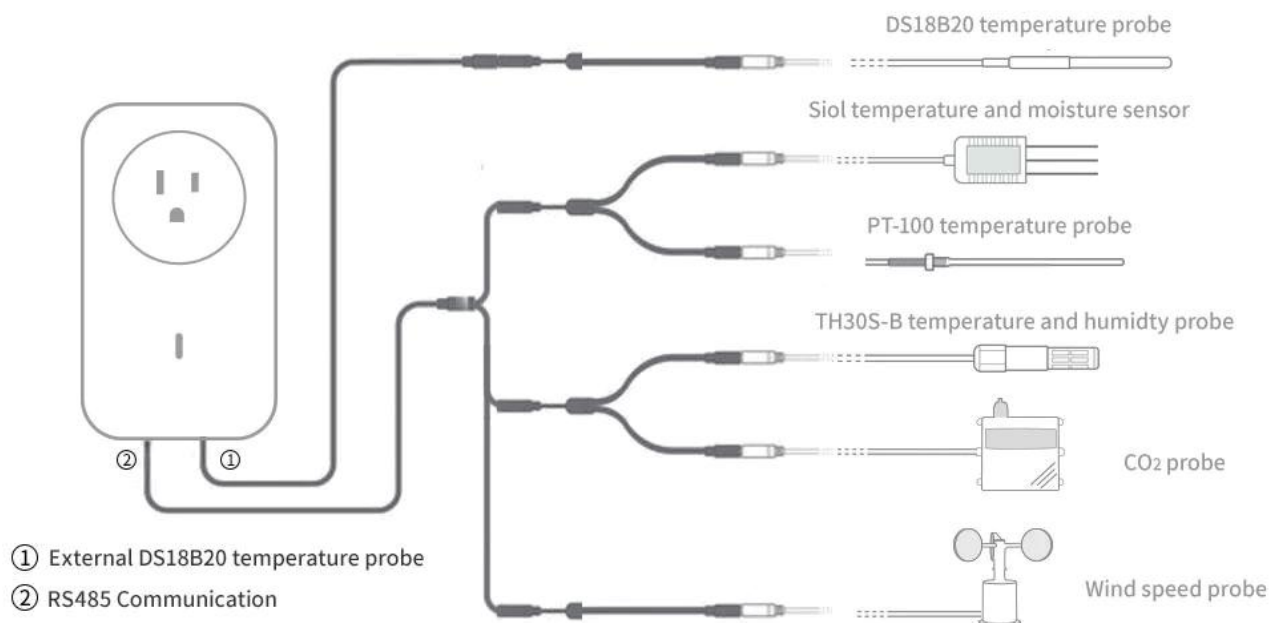
- DS18B20-Audio Temperature Probe
- TH30S-B Temperature and Humidity Probe
- Soil Temperature and Moisture Sensor
- PT 100 Industrial-grade Temperature Probe
- Wind Speed Sensor
- CO2 Probe

External Probes

- DS18B20-Audio Temperature Probe
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- PT 100 Industrial-grade Temperature Probe
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- CO2 Probe

Accessories

- UbiBot Audio Plug Splitter for connecting external probes
- UbiBot Audio Splitter - 1 male to 6 females for connecting external probes
- External Probe Extender - Audio Plug

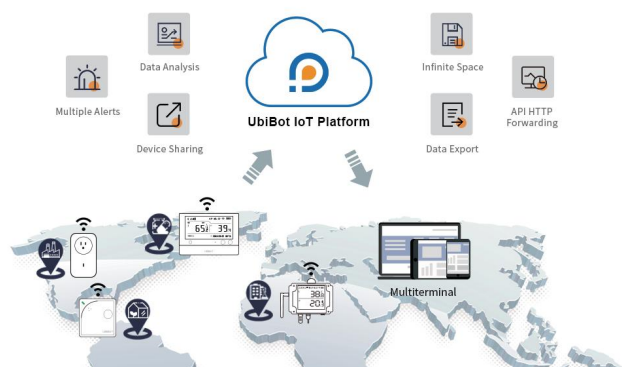


NOTE: For RS485 probes, only one of each type can be connected at a time.

SPECIFICATIONS

Technical specifications	
Working Voltage	100 V - 250 V AC
Maximum Current	16 A
Maximum Power	3.5kW MAX (@220V $\pm$ 10%)/1.7kW MAX (@110V $\pm$ 10%)
Power dissipation	$\leq$ 0.1 W
Measuring Accuracy	$\pm$ 0.1 V, $\pm$ 0.01 A, $\pm$ 0.1 W
Working Environment	-10°C to 60°C (14 °F to 140 °F)
Plug Standard	Compatible with Europe, UK, US, France, China standards
Network connection	
WiFi	2.4GHz or 2.4/5GHz, channels 1-13 (5GHz WiFi NOT supported)
Physical specifications	
Materials	Flame resistant ABS & PC
Dimensions	6.4 x 11.7 x 3.5 cm
Weight	50 g ($\pm$ 3 g)
Colour	White
Ports	1 x DS18B20 Audio; 1 x RS485 Audio
External probes	
External probes	1 x DS18B20 temperature probe, multipal RS485probe (TH30S-B, Soil Probe, PT-100, Wind Speed Sensor, CO2 Probe; only one of each type can be connectedat a time)

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