

VRP300-PLUS Product Specification

VRP300 PLUS is a professional 300Mbps WiFi repeater/bridge that is elaborately developed by HouTian Network, the original creation D/A temperature compensated auto frequency control technology (TAFC), provides a cleaner wireless environment, reduce the same frequency interference, improve transmission performance, to ensure that the WiFi signal is stable and not dropped. It is based on 802.11n standard, can extend WiFi Network range, provides the maximum transmission up to 300Mbps, also is compatible with IEEE 802.11B and IEEE 802.11G standard.

VRP300-PLUS is an environmentally and safe WiFi signal repeater. It can double extend the original WiFi signal coverage, while it can ensure the security of the wireless signal, its working principle is: put VRP300-PLUS that is in "Repeater Mode", VRP300-PLUS can receive the weak WiFi signal, and then zoom into the normal, safe strength, and after optimization, error correction processing, to achieve signal coverage distance doubled extension under safe. This differs from the traditional wireless signal amplifier - only amplifies the signal and ignore the wireless security. Its main features as below:

- Environmental, Safe, Portable;
- Support 802.11b/g/n WiFi transmission protocol, 300Mbps rate of transmission;
- WiFi intelligent bridge function, Wireless switch wired, wired switch wireless, intelligent switch;
- WiFi intelligent repeater mode, it supports WiFi hot spots scan automatically and WiFi hot spot memory function;
- Support turning off the WiFi hotspot function;
- Support WEB remote firmware upgrade, can get the latest firmware free;
- Support 110-240V power supply;
- 2 10/100M adaptive Ethernet base;
- Adopt the original creation D/A temperature compensated auto frequency control technology (TAFC), make sure the lasting stability that the WiFi signal is not dropped;
- Original creation VDNS virtual domain configuration technology to solve the user's trouble of configuration;
- Support connecting more than 20pcs WiFi terminal at the same time;
- Support WPA-PSK/WPA2-PSK, 64/128/WEP security mechanism;
- Operating temperature: in -25°C to 55°C in the normal work environment;

- The transmission distance (without obstacle) : 100m;
- Good compatibility, almost compatible with all smart phones, tablet PCs, laptops, Internet and other WiFi devices.

In the software operation, Houtian network uphold the consistent simple, user-friendly design, abandoned the verbose of IP setup for traditional wireless repeater, using the virtual domain configuration techniques(VDNS)configuration, and also support the use of IE browser configuration and PC-specific software configuration(no IP connection), on the steps, it is even more concise, no redundant operations, which greatly facilitates the use of different levels of user.

Hardware Spec	
Protocol Standard	IEEE 802.11g, IEEE 802.11b, IEEE 802.11n
WiFi Transmission rate	300Mbps
Interface	2 10/100M adaptive Ethernet base
Button	Reset button (long press 5s then release)
LED	Status instruction: Ethernet port state; 2.4G WiFi Indicator Light; Hot spot connection state
Antenna	Built-in 2pcs Smart omnidirectional 2dbm Antennas
Size	96mm x 40mm x 82mm (L x W x H)

Wireless Related	
Basic Function	Channel option: 1-14; WiFi Hot spot scan automatically; WiFi Hot spot memory; WiFi Hot spot switches; WiFi mode option: 802. 11n only, 802.11 B/G/n mixed, 802.11B/G mixed, 802.11G only, 802.11B only.
Working Mode	WiFi intelligent repeater mode: Repeater mode (WiFi signal repeater), it can extend the distance of WiFi transfer; WiFi Intelligent bridge mode.

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Wireless Security	64/128/WEP encryption WPA-PSK/WPA2-PSK、 WPA/WPA2 security mechanism
System Function	Restart device Reset factory Administrate account and password revise Firmware upgrade

Product Pictures as below:



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