VRP150 Product Specification

VRP150 is a professional 150M Mini WiFi repeater, together with 3G wifi router function, that is elaborately developed by HouTian Network, **the original creation D/A temperature compensated auto frequency control technology（TAFC）**, it solved the common failing of the traditional wifi router or wifi products that easily drop the network, make sure the lasting stability to ensure that the WiFi signal is not dropped. It is based on IEEE 802.11N standard, can extend WiFi Network range, provides the stable transmission up to 150Mbps, also is compatible with IEEE 802.11B and IEEE 802.11G standard.

VRP150 is an environmentally and safe WiFi signal repeater. Working in the repeater mode, VRP150 can be doubled to extend the original WiFi signal coverage, while it can ensure the security of the wireless signal, its working principle is: at the edges of the original WiFi hotspot signal coverage, place "repeater mode "VRP150, VRP150 is able to receive weak WiFi signal, and then zoom in to the normal, safe strength, and after optimization, error correction processing, to achieve signal coverage distance doubled extension under safe. This differs from traditional wireless signal amplifier - only amplifies the signal and ignore the wireless security.

VRP150 is a plug and play mini 3G wireless router, through an external USB 3G network card, automatically connect to the ISP's 3G wireless data network, without any setup, so as to create a 3G to WiFi "hot spots" for client, so that more than one person at the same time enjoy the simple, convenient WiFi networks.

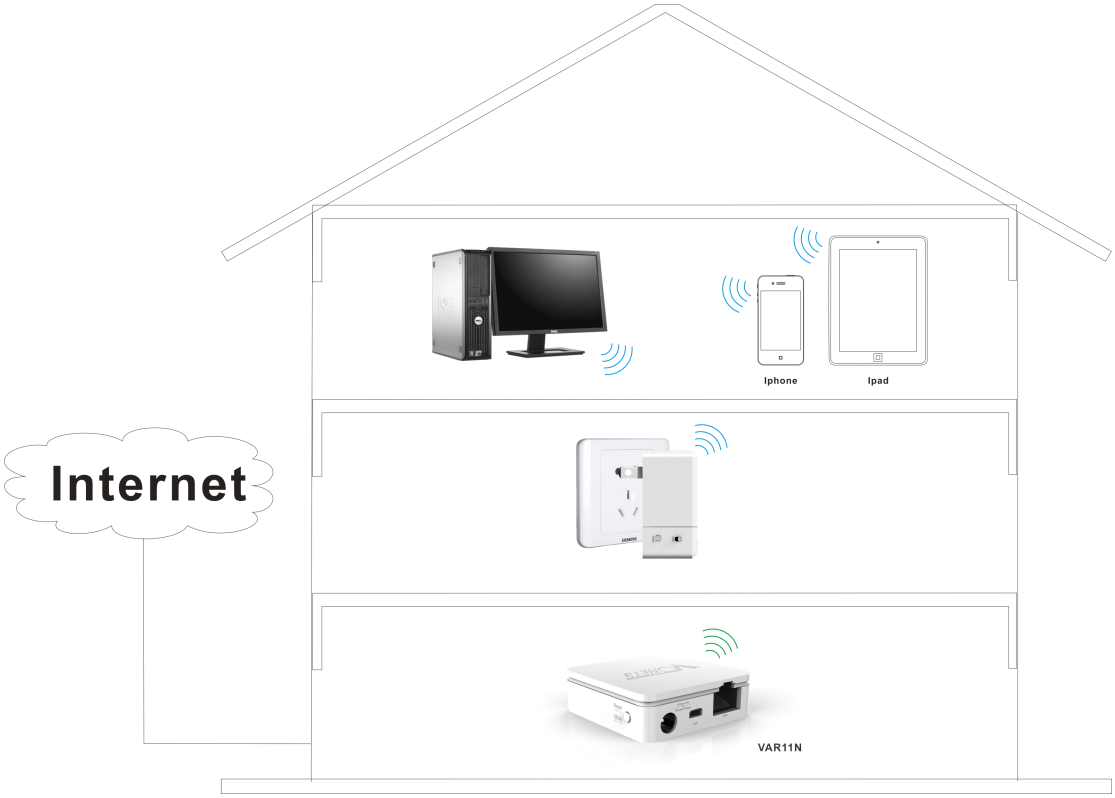
* Environmental, Safe, Portable, Mini
* Professional Intelligent WiFi repeater, together with 3G router function
* WiFi intelligent repeater mode, it supports WiFi hotspots scan automatically and WiFi hotspot memory function
* 2A charging function, automatically adapt to most intelligent mobile phone and tablet PC.
* Support WEB remote firmware upgrade, can get the latest firmware free
* Support local WEB management, Chinese and English configuration interface
* Detachable power supply, the host design, convenient for home, car, portable, and other environments
* After splitting, it can be USB powered, easy to use mobile power supply
* Adopt **the original creation D/A temperature compensated auto frequency control technology（TAFC）,**make sure the lasting stability to ensure 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.
* Support 802.11n WiFi transmission protocol, 150Mbps rate of transmission
* The transmission distance (without obstacle) : 100m

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
Rate of transmission	150Mbps
Interface	1 USB and 2.0 port，connect USB 3G network cards or external charging；
Button	Reset button (press 5 minutes)
Switch	Wireless switch；
LED	Status instruction： Power state（blue light）； WiFi connection state（light green for success）；
Antenna	2dB external antenna
Size	53mm x 40mm x 26.7mm（L x W x H）

Wireless Related	
Basic functions	Channel option: 1-14 WiFi Hotspot scan automatically WiFi Hotspot memory
Working Mode	WiFi Intelligent bridge mode: Repeater mode (WiFi signal repeat), it can extend the distance of WiFi transfer 3G router mode； Plug and play，no need to configure anything, automatically connect 3G wireless date network；
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

VRP150 home wireless signal expand application, as follows:



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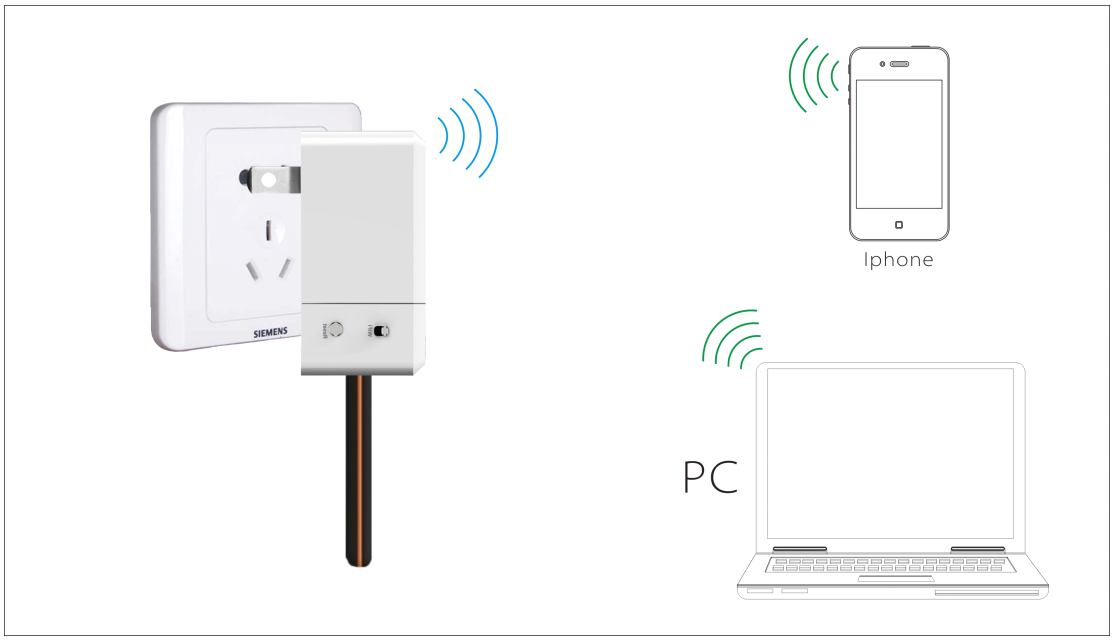
VRP150 3G wireless router applications, as follows：



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