



VAP11N Datasheet

VAP11N is a professional 150M Mini WiFi Bridge, together with WiFi Repeater 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.

VAP11N is a safe environmental WiFi signal Repeater. In WiFi bridge and repeater mode, VAP11N can double extend the existing WiFi signal range, also can make sure the safety of WiFi signal. The work theory is: on the edge of the original WiFi hotspot signal coverage, put a VAP11N under "WiFi Repeater mode", VAP11N will extend the weak WiFi signal receive to normal and safe strength and after optimization and error correction processing to reach the double extension of WiFi signal range under the premise security. It is different from traditional WiFi Signal amplifier—it just amplifies the signal and ignore the WiFi security.

VAP11N provides three kinds of power supply methods, omits the worries of carrying a lot of power adapters, usage is more flexible; Plug and play, meet the flexible network solutions. VAP11N has practical function, superior performance, is easy for management and provides multiple safe protective measure, can protect the security of user's WiFi network.

- Enviromental, Safey, Portable, Mini
- Traditional intelligent WiFi Bridge, together with WiFi repeater function.
- WiFi intelligent bridge mode, it supports WiFi hotspot scan automatically and WiFi hotspot memory function.
- The best partner of STB, IPTV, Sky Box, X-BOX, IP camera and SLR camera.
- Support WEB remote firmware upgrade, can get the latest firmware free.
- Support local WEB management, Chinese and English configuration interface.
- 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
- Wide voltage (DC5V-15V), Low power consumption (<2W), no need special power supply, can reduce electronic waste generated.

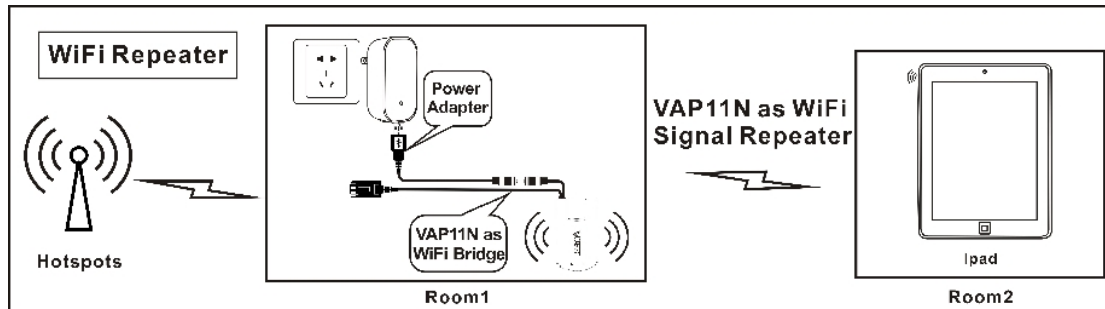
Three Parallel DC power connector DC power interface (ACPI): DC2.0 power hole, DC2.0 power plug, USB interface (for electricity use), it is convenient for customer to share power supply with devices.

In software operation, HouTian Network insists simple and humanized design, abandons the the complicate parameters and operations of traditional wifi router, also supports two configure mode IE browser configuration and PC dedicated software configuration (no need IP connection), the procedure is so clear and concise, without redundancy, greatly facilitates the use of different levels of users.

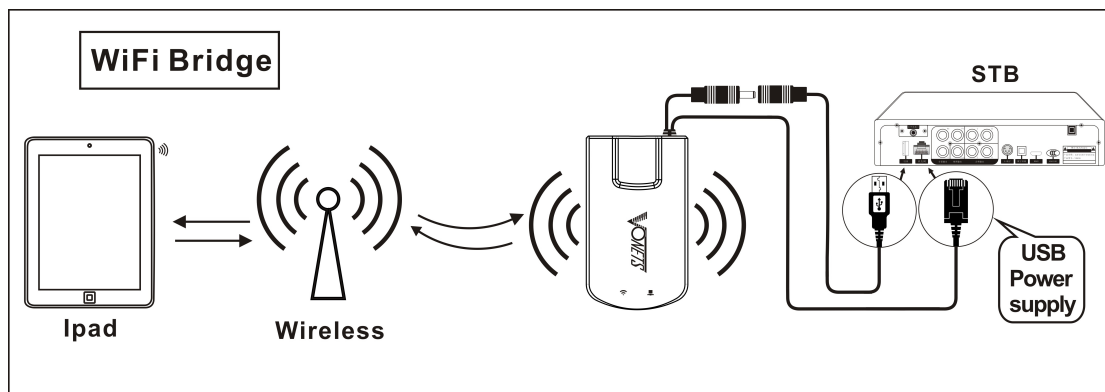
Hardware Spec	
Protocol Standard	IEEE 802.11g. IEEE 802.11b. IEEE 802.11n
Rate of transmission	150Mbps
Interface	1 DC2.0 power hole; 1 dedicated two in one power supply cable, with a set of power supply and a set of 10/100M adaptive Ethernet cable
Button	Reset button (Long press)
LED	Status instruction: Ethernet cable status Light WiFi status Light
Antenna	Built-in Intelligent Omnidirectional antenna
Size	59.5mm x 35mm x 11.5mm(L x W x H)

Wireless Related	
Basic function	SSID hide; Channel option: 1-14; WiFi Hotspot scan automatically WiFi Hotspot memory
Working Mode	WiFi Intelligent bridge mode: AP Client mode (WiFi client), suitable for IP TV, STBs. Repeater mode (WiFi signal repeat), it can extend the distance of WiFi transfer
Wireless security	64/128/WEP encryption; WPA-PSK/WPA2-PSK、WPA/WPA2 security mechanism
System function	Device reboot Reset factory Administrate account and password revise Firmware upgrade

VAP11N Application solutions, see the following topology: TOP 1, TOP 2



TOP 1



TOP 2



