

## VAR11N-300 Specification

VAR11N-300 is the professional Mini WiFi repeater, and together with mini WiFi router and WiFi smart bridge that is elaborately developed by HouTian Network, **the original creation D/A temperature compensated auto frequency control technology (TAFC)**, it solves the common failing of the traditional WiFi router or WiFi products that easily drop the network, the lasting stability ensure that the WiFi signal is not dropped. It is as an ecology and safe WiFi repeater. It is different from the traditional method that use increased the WiFi transmitter power (it will generate a strong harmful radiation) to expand the distance of WiFi transmission, but in WiFi signal coverage of failure point, place this device as a WiFi signal repeater to re-enlarge the weak WiFi signal, and during not increasing the WiFi transmitter power, expand WiFi signal coverage, **safe and ecology, it is very useful for home or office safe WiFi signal coverage.** Please see the following main features:

- Adopt **the original creation D/A temperature compensated auto frequency control technology (TAFC)**, the lasting stability ensure that the WiFi signal is not dropped
- Original creation VDNS virtual domain configuration technology solves the user's trouble of configuration.
- The smallest WiFi router, its size is less than one-half of the Bank card, very useful for both business trip and household.
- Supply power by DC5-15V .
- Low power, the whole power supply less than 4W.
- Dedicated power supply cable together with Ethernet cable two in one cable connector, reduce redundant connector, convenient for usage.
- In WiFi smart bridge mode, it can smart control the device WiFi mode:

WiFi AP Client (it can be used for access from WiFi to wired Ethernet)

WiFi Hotspot (it is suitable for hotel room usage)

WiFi Repeater (**it can extend the distance of WiFi signal coverage, ecology and safe**)

- In WiFi smart bridge mode, it supports WiFi hotspot scan automatically and WiFi hotspot memory function.
- 1 WAN, 1 LAN, two ports can interchangeable, such small volume has two ports, so unusual.
- Support 802.11N WiFi transfer protocol, 300Mbps rate of transmission
- Good compatibility, almost compatible with all of the smart phone, tablet computer, notebook and WiFi devices.

VAR11N-300 is a plug and play Mini WiFi router and WiFi bridge. On business trip and traveling stay at hotel, you just connect the Ethernet cable in the hotel room to Ethernet port of VAR11N-300, then connect power supply, the whole room is Wi-Fi WiFi coverage. Now, you can take out your mobile phone, PAD and other devices that support Wi-Fi, then get WiFi internet at anywhere of the room, no need any settings.

Simple and generous square shell design, superior shell technique, white, exquisite small, elegant and graceful. Orange and fluorescent clear blue LEDs are not only to show the immediate connection of the status of the device, also add the beauty of science and technology of product appearance.

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 Specification |                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocol Standard      | IEEE 802.11g. IEEE 802.11b. IEEE 802.11n                                                                                                                                                                             |
| Transmission Rate      | 300Mbps                                                                                                                                                                                                              |
| Interface              | 1 10/100M adaptive Ethernet female port<br>1 dedicated two in one power supply cable, with a set of power supply and a set of 10/100M adaptive Ethernet cable<br>Ethernet cable and Ethernet LAN/WAN interchangeable |
| Button                 | Reset button (Long press)                                                                                                                                                                                            |
| LED                    | Status instruction:<br>Ethernet port status Light<br>ethernet cable status Light<br>work mode status Light<br>WiFi status Light                                                                                      |
| Antenna                | Built-in smart Omnidirectional antenna                                                                                                                                                                               |
| Dimensions             | 44mm x 44mm x 14mm (L x W x H)                                                                                                                                                                                       |

| WiFi Related   |                                                                                                                                                                                                                                                            |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basic Function | WiFi exchange<br>SSID Broadcast exchange<br>Channel option: 1-14<br>WiFi mode option: 802.11n only, 802.11 B/G/n mixed, 802.11 B/G mixed, 802.11G only, 802.11B only.<br>WiFi Hotspot scan automatically<br>WiFi Hotspot memory                            |
| Working Mode   | WiFi smart bridge mode:<br>AP Station mode (WiFi hotspot), suitable for hotel room usage<br>AP Client mode (WiFi client), suitable for IP TV, STBs.<br>Repeater mode (WiFi signal repeat), it can extend the distance of WiFi transfer<br>WiFi router mode |
| WiFi security  | WiFi MAC address filter<br>WiFi Security function exchange<br>64/128/WEP encryption<br>WPA-PSK/WPA2-PSK, WPA/WPA2 security mechanism                                                                                                                       |

| Wired Related    |                                                                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WAN port Setting | WiFi router mode:<br>WAN port connection type support: PPPoE, Dynamic IP, Static IP, L2TP, PPTP<br>DDNS Client                                                                                                   |
| Firewall         | WiFi router mode:<br>IP and MAC address binding against ARP attacks (WiFi router mode support)<br>IP address filter (WiFi router mode support)<br>Domain filter (WiFi router mode support)<br>Mac address filter |

|                 |                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------|
| Forward rules   | Port forwarding (WiFi router mode support)<br>Virtual Service (WiFi router mode support)<br>DMZ Host |
| System function | Firmware upgrade<br>Device reboot<br>Reset factory<br>Administrative account and password revise     |

Product picture

