



WiFi-Room Product Specification

WiFi-Room is a professional Wall embedded WiFi repeater, and together with WiFi router and WiFi intelligent bridge and USB power 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, the main features as below:

- Adopt the original creation D/A temperature compensated auto frequency control technology (TAFC) , the lasting stability ensure that the WiFi signal is not dropped.
- Operating Voltage range: 110-250V.
- Low power consumption, the whole power consumption less than 4W.
- Support WiFi router mode and WiFi intelligent bridge mode.
- WiFi intelligent bridge function, wired to wireless, wired to wireless smart switch.
- In WiFi intelligent bridge mode, it supports WiFi hot spot scan automatically and WiFi hot spot memory function.
- 2.1A charge function, automatically suit for most smart phones and laptops.
- With a switch, it can switch router and bridge mode.
- Support 802.11N WiFi transfer protocol, 300Mbps rate of transmission.
- Support WEB remote firmware upgrade, can get the latest firmware for free.
- Original creation VDNS virtual domain configuration technology solves the user's trouble of configuration.
- Support WPA-PSK/WPA2-PSK、WPA/WPA2 security mechanism.
- Support more than 20 simultaneous connections WiFi terminals
- No barrier transmission distance: 100 meters.
- Good compatibility, almost compatible with all of the smart phone, tablet computer, notebook and WiFi devices.

WiFi-Room is a intelligent Wall embedded WiFi Repeater. User just need insert the ethernet cable through walls to the corresponding position of WiFi-Room, then fix WiFi-Room to the wall, then the whole room will be covered WiFi. Built-in 2.1A USB charger port, can be used for most of smart phones, laptops to charge.

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	
Operating Voltage	110-250V
Interface	1 10/100M adaptive Ethernet female port; 1 2.1A USB interface.
Components	A three terminals for line and neutral connections; A 4 terminals for connecting cable 2 M4 screws.
Button	Switch and reset multiplexing button
LED	Status instruction: Ethernet port status Light; WiFi status and hotspot connection status Light;
Antenna	Built-in Intelligent Omnidirectional antenna
Size	Bottom case: 45mm x 47mm x 44mm (L x W x H) Panel: 86mm x 86mm(L x W)

Wireless Related	
Protocol Standard	IEEE 802.11g、IEEE 802.11b、IEEE 802.11n;
Transmission Rate	300Mbps
Basic Function	Wireless Switch SSID Broadcast switch Channel option: 1-14 WiFi mode option: 802. 11n only, 802.11 B/G/n mixed, 802.11 B/G mixed, 802.11G only, 802.11B only. WiFi Hotspot scan automatically WiFi Hotspot memory
Working Mode	WiFi Intelligent bridge mode; WiFi Router mode.
Wireless Security	WiFi MAC address filter; WiFi Security function switch; 64/128/WEP encryption WPA-PSK/WPA2-PSK、WPA/WPA2

Wired Related	
WAN port Setting	WiFi router mode: WAN port connection type support: PPPoE, Dynamic IP, Static IP, L2TP, PPTP; DDNS Client
Firewall	WiFi router mode: IP and MAC address binding against ARP attacks (WiFi router mode support); IP address filter (WiFi router mode support); Domain filter (WiFi router mode support); Mac address filter
Forward rules	Port forwarding (WiFi router mode support); Virtual Service (WiFi router mode support); DMZ Host (WiFi router mode support)
System function	Firmware upgrade; Device reboot; Reset factory; Administrative account and password revise

Product picture, see below:

