

More Memory, Faster Surfing

— higher performance, better user experience —



7WHP550M
HyFi (Hybrid WiFi)
Wireless Router
(Master)

7WHP550S
HyFi (Hybrid WiFi)
Wireless Slave

300Mbps

Wireless speed up to 300Mbps

500Mbps

Powerline speed up to 500Mbps

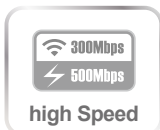
HyFi Smart Network

7WHP550KIT

HyFi (Hybrid Wi-Fi) SmartLink adopts wired&wireless dual technologies, extending network to multiple wireless slave devices via powerline. HyFi wireless router (7WHP550M) smartly detects and manages all linked HyFi Slaves (7WHP550S) without any manual configuration. It is stable and portable; Supporting WiFi seamless roaming; Automatically select and connect the optimal signal channel, which increase coverage and bandwidth for applications consumers enjoy most, including multi-room HD video streaming, video-on-demand and 3-D gaming.

7WHP550M — HyFi wireless router: It is a complete functional wireless router in itself. Be equipped with 1XLAN, 1XWAN ports, it supports Dial-Up, DHCP, STATIC IP way, can access internet via wired&wireless.

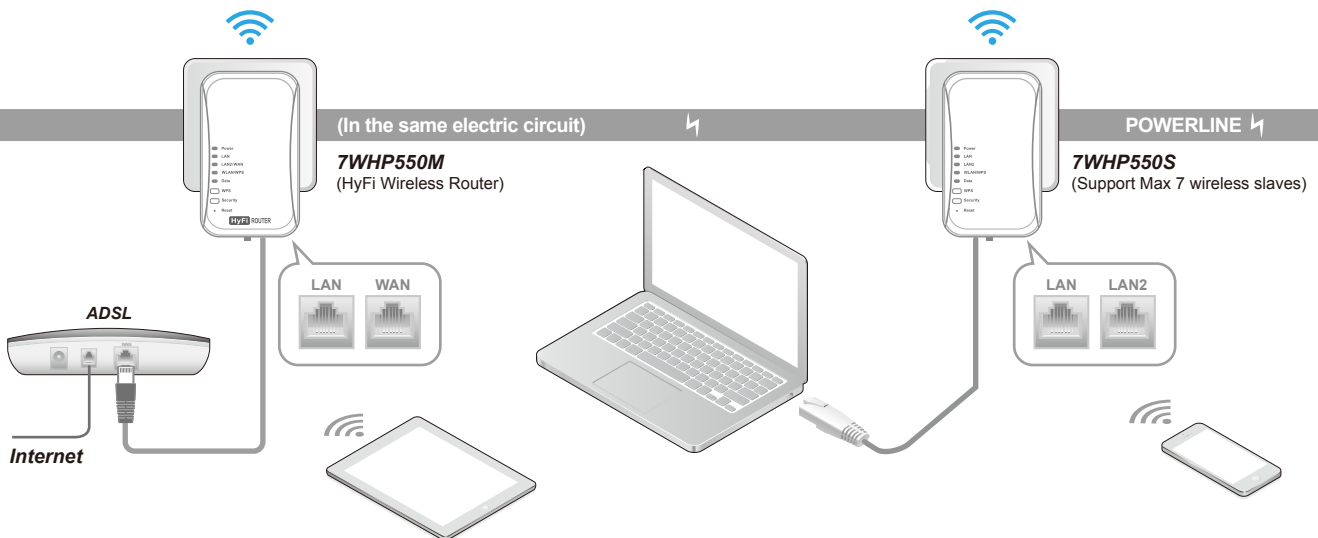
7WHP550S — HyFi wireless slave: Be equipped with 2XLAN ports and also wireless function, It connects with 7WHP550M via powerline, can access internet via wired&wireless also.



Product Features

- High Speed efficient data transmission: Powerline speed: 500Mbps, Wireless speed: 300Mbps.
- Point to point network, no need for series connection networks.
- The master is a fully functional wireless router in itself with 1xWAN,1x LAN port.
- No Cabling. Devices transmit via powerline, more stable and free hassel.
- Set-free, Plug&Play, can add slave at any time (Max 7 slaves can be added).
- Default connect to the best signal channel, assure smooth and movable internet enjoyment.
- Customize log in way, no need to remember IP address.
- HyFi Master device supports unified management of all linked HyFi Slaves, intelligent terminals.
- Power saving design with manual power switch and sleeping mode.
- Support MAC address filter, access-users limit, graphic verification, AP isolation, Watchdog functions ect.

Smart HyFi constructs and extends stable, set-free wireless network



Applications



Home



Office



Hotel



Restaurant



TV over IP (IPTV) and Voice over Internet Protocol (VoIP)



High Definition (HD) and Standard Definition (SD) video distribution



Higher data rate broadband sharing for power line LAN



Video surveillance



Online Gaming

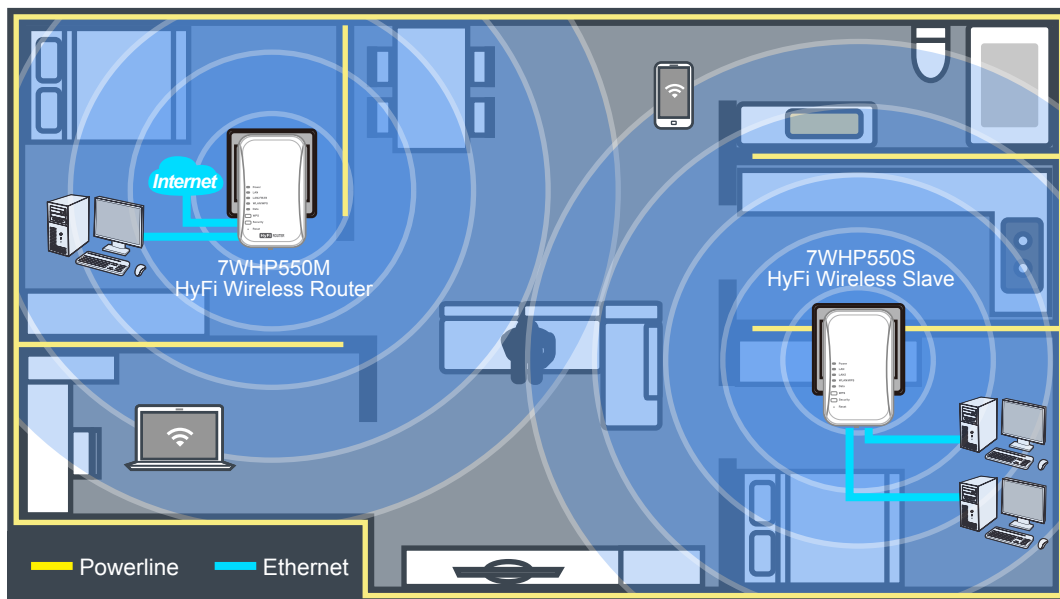


Shared broadband internet access



Backbone for wireless and wireless extender

High Efficient Seamless Coverage with Low Cost



Physical Information

Casing Color: White

Physical Dimensions:

L:102 x W:61 x D:45 mm

Unit weight: 120 grams

Antenna:

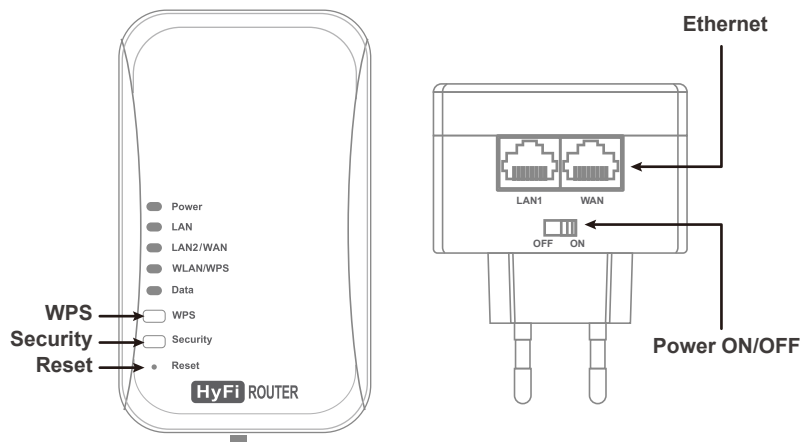
2xInternal antennas

External Connectors:

1 x Power Plug
2 x Ethernet LAN Port
1 x WPS Button
1 x Security Button
1 x Reset Button
1 x Power ON/OFF

Accessories:

1 x 7WHP550M HyFi Wireless Router
1 x 7WHP550S HyFi Wireless Slave
2 x Ethernet cable
1 x User Manual



Technical Specifications

HomePlug :

Standard: HomePlug AV

Transmission Speed: 500Mbps

Peak Throughput: 95Mbps UDP, 95Mbps TCP

Range: 300m

Modulation Scheme:

4096/1024/256/64/16/8-QAM, QPSK, BPSK and ROBO

Frequency: 2MHz~68MHz

Wireless Receiving Sensitivity: N/A

Wireless Output Power: N/A

Media Access: priority based CSMA/CA

Wireless :

Standard: IEEE 802.11b/g/n

Chipset: Atheros AR9533

Transmission Speed: 300Mbps

Range: 300m

Modulation Scheme:

11b: CCK, DQPSK, DBPSK

11g: 64 QAM, 16 QAM, QPSK, BPSK

11n: 64 QAM, 16 QAM, QPSK, BPSK

Frequency: 2.4GHz~2.484GHz

Wireless Receiving Sensitivity: 802.11n: -61dBm

Wireless Output Power: 17dBm

Media Access: CSMA/CA

Port/LED/Button :

WAN Port:

One RJ45 (IEEE 802.3 10/100Mbps), could be configured to LAN Port

LAN Port: One RJ45 (IEEE 802.3 10/100Mbps)

LED: Power, LAN1, LAN2, Data, WLAN

Button: Security, WPS, Reset, Power Switch(Optional)

Power Supply :

100~240 VAC, 50/60Hz

Power Socket :

EU, UK, US, CN, AUS

Power Consumption :

6.5W Operation

Environment Requirement :

Operating Temperature: 0° to 45° C

Storage Temperature: -40° to 70° C

Operating Humidity: 10% to 90% Non-condensing

Storage Humidity: 5% to 90% Non-Condensing

NOTE: Specifications subject to change without prior notice.