

# High Power-Super Range WiFi King

Support DSL, Cable, Fiber and Public WiFi  
Sole Technology - 2 Steps Wireless Power Amplifier  
Wireless Coverage Applicable for Over 7000 Sq Ft Flats  
Support Mobile Broadband - Smartphone, GSM and 3G  
1000mW Transmit Power Boosts Wireless Signal 10 Times Stronger



300  
Mbps

7000  
Sq Ft

(The wireless performance might be different in different environment.)

Is it always costly and troublesome to have wireless Internet in big houses and backyards, or between factory floors and offices? Not anymore! You can now spend least cost and easily create a complete wireless environment with Sapido WiFi King. Equipped with 1000mW high power, newest high efficient chipset and two 5dBi high gain antennas, Sapido WiFi King boosts 10 times stronger wireless with a coverage over 7,000 square feet. Enjoy stable and speedy WiFi Internet when you use iPhone, iPad, iPod, PSP, NB, etc. at any corner of your house and backyard.

Sapido WiFi King works perfectly with all kinds of broadband: xDSL, Cable and Fiber modems, 3G and 4G USB modems, and Public WiFi. You can even connect it to iPhone and most Smartphone for mobile Internet sharing. Use your Smartphone as 3G modem and share wireless or wired Internet with other people and use devices such as iPad, PSP, ViewPad ,etc. at the same time. In addition, if you live in a campus, you may put Sapido WiFi King by the window to re-boost wireless Internet from outside to indoors and share wired or WiFi Internet in your room.

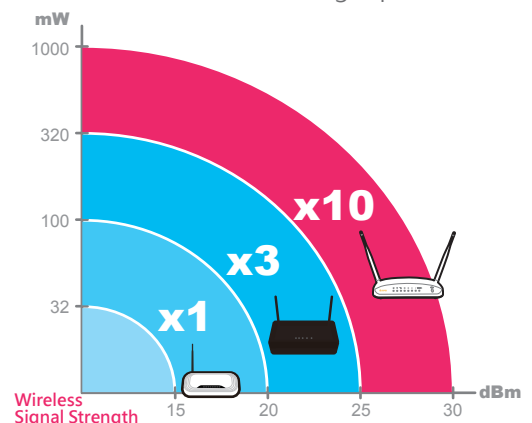
Sapido WiFi King complies with the latest 802.3az Energy Efficient Ethernet standard and carrying Green AP technology. It adjusts power consumption according to the auto detection of Internet connection and packet transmission, and can save up to 80% electricity. In addition, the smart QoS provides stable data transmission. You may assign different priority to different applications or data flows for the smoothness on streaming multimedia applications such as online games, Voice over IP, and IP TV. Powerful firewall feature would safeguard your network by preventing the attack from hacker or virus, and blocking inappropriate sites.

DDNS, NAT, VPN pass through, Virtual Server, DMZ....more features are waiting for your exploring!

- ★ Sole Technology – 2 Steps Wireless Power Amplifier, enhance wireless transmission strength and reception sensitivity
- ★ 1000mW (30dBm) High Power Wireless Router - Wireless Signal 10 Times Stronger
- ★ Most Powerful Wireless Coverage for large houses, across floors and compartments, up to 7000 square feet
- ★ All Broadbands can Work - 3G/4G-xDSL/Cable/Fiber-Public WiFi
- ★ Connect to Smartphone such as iPhone, HTC, etc. for Internet Sharing
- ★ Advanced Green Design - Saving up to 80% Power Consumption
- ★ Re-boost WiFi signals from outdoor to indoor for Internet Access Sharing
- ★ Smart QoS Bandwidth Manager, No Lag for Games, Movies and Music
- ★ Powerful Firewall - SPI Mode against DOS Attack and built-in Port/IP/MAC/URL Filters to Safeguard your Network
- ★ 2T2R MIMO Technology with 5dBi Antennas - Ultimate Wireless Speed of 300Mbps
- ★ WPS- Complete Wireless Connection and Encryption in one Press
- ▶ Sole Technology - 2 Steps Wireless Power Amplifier, 10 Times Stronger Wireless Signal

WiFi King combines a router of two High Power PA built-in and carries two 5dBi high gain antennas which enhance wireless transmission strength and reception sensitivity at the same time, also it increases the transmit power up to 1000mW, which boosts wireless signal 10 Times stronger. High power is used to strengthen wireless signal and reduce interference while the high gain works for enlarging transmission range. With both high power and high gain features, WiFi King is the perfect solution of creating wireless environment for big houses and backyards, or across the floors.

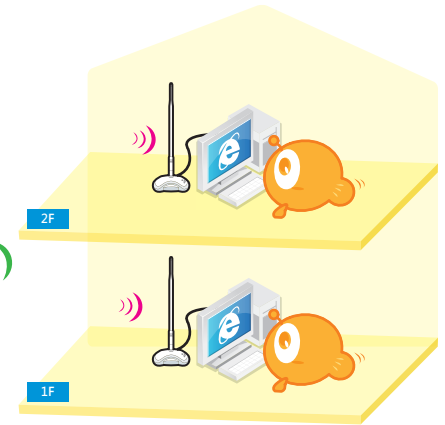
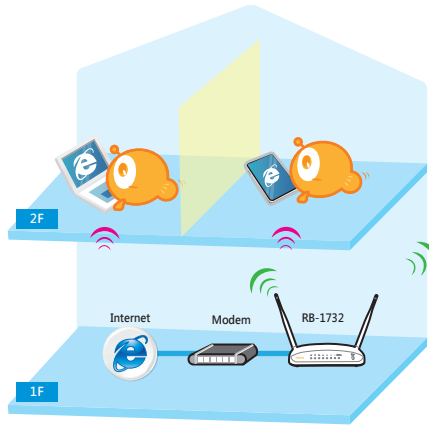
Recommended to use with High Power wireless adapter (AU-4622) to achieve the whole environment in large space.



► **Cases of Using WiFi King**

**Share Internet with Neighbor (Router Mode - ADSL / Fiber / Cable)**

It is convenient to apply ADSL for Internet connection, but paying great expense monthly is a heavy economic pressure. If your neighbor applies an ADSL modem, just connecting it with RB-1732, he or she can create a large wireless environment of coverage over 7,000 Sq ft., which means you can then surf the internet wirelessly by installing a high power wireless adapter to your computer. Other than sharing Internet, you can also share the Internet expense.



► **Router, AP, WiFi AP 3in 1**

WiFi King can work as Router, AP, and WiFi AP. In Router mode, connect WiFi King to xDSL/Cable/Fiber modem; you can share Internet connections with your friends and family, and therefore multiple devices can access to Internet at the same time. You can also use it to share Public WiFi or so called Hotspot in Router mode. In AP mode, you can convert wired Internet into wireless easily. When you stay in a hotel, you can plug the hotel Internet cable to WiFi King. In this way, your smartphone, iPad, or laptops can access to Internet simultaneously. In WiFi AP mode, you can bridge and extend wireless signal from your existing router to enhance weak wireless signal and reduce dead spot of wireless Internet. WiFi King can work as a wireless bridge to extend the wireless coverage. Just with one click or press WPS button, no need to pull the cable or set up WDS configuration.

**Router**

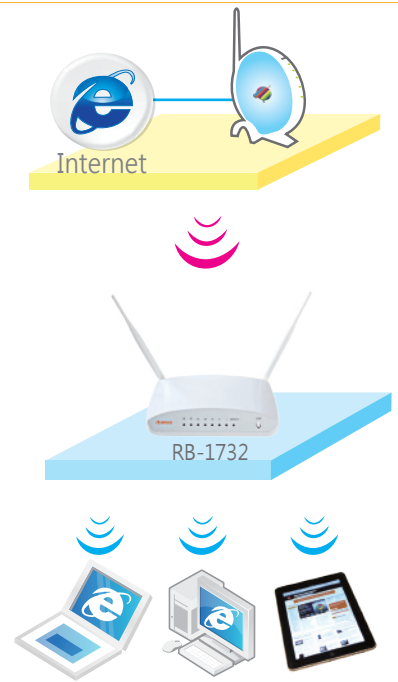
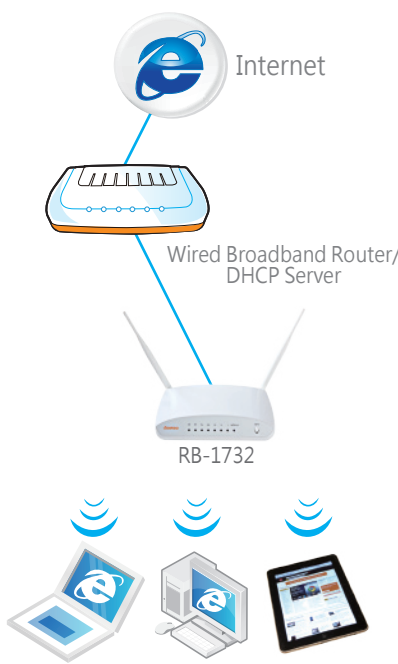
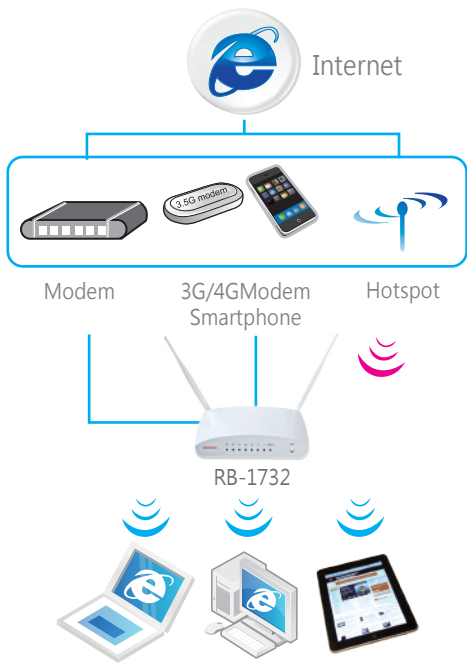
This mode is used for multiple devices sharing Internet connections. In this mode, the device is supposed to connect to ADSL/Fiber/Cable Modem, or Public WiFi.

**AP**

This mode is used to turn wired Internet (DHCP Server/Router) to wireless such as in hotel.

**WiFi AP**

This mode is used for extending wireless coverage.



► **Diagram of Functions**

**Power Indicator**

When the green light is on, power is being applied to this product.

**Status Indicator**

When the green light is on, system is ready to work. When the light is blinking means reset or firmware update is in progress.

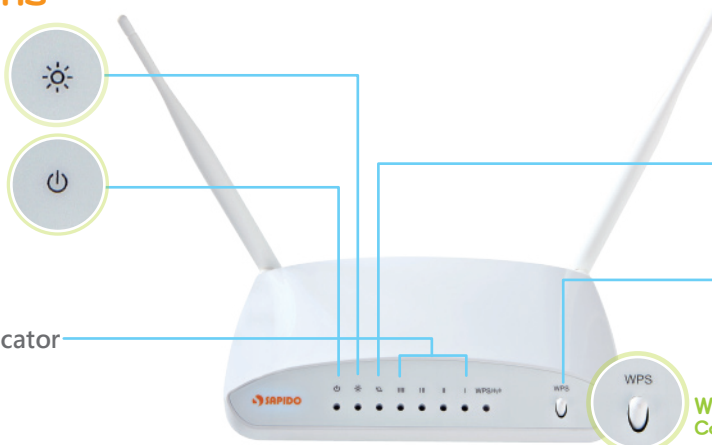
LAN Indicator

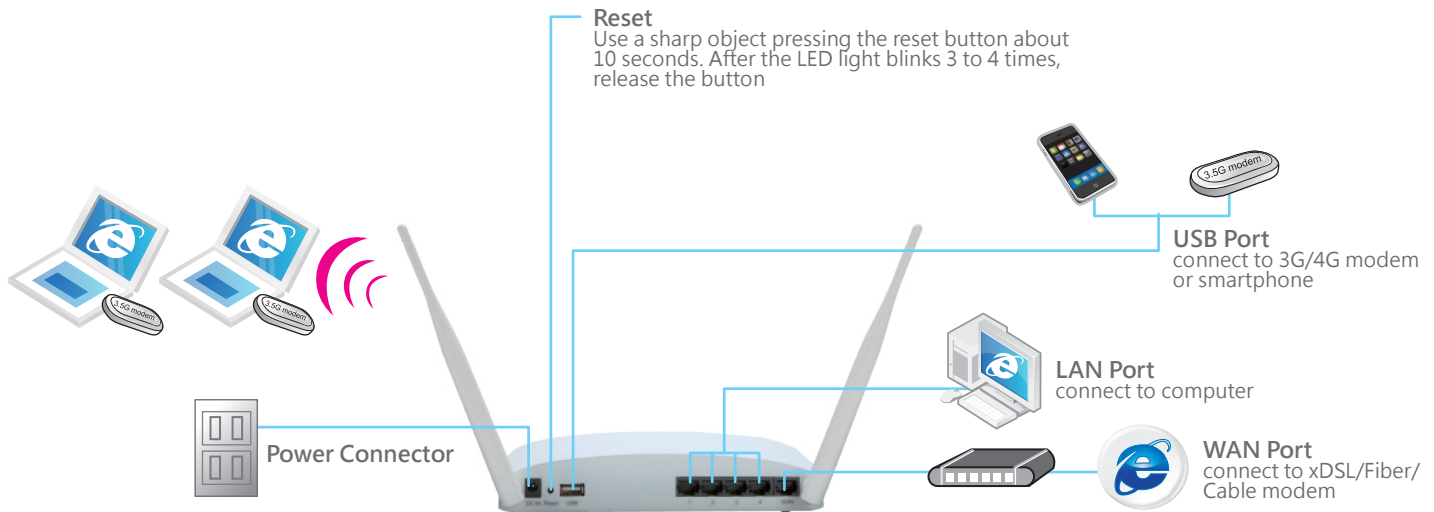
WAN Indicator

**Wireless/WPS Indicator**

When the green light is on, wireless is connected. When the light starts to flash and turns to reddish orange means WPS function is in progress.

**WPS Button -**  
Complete wireless connection easily.





※Warning: To reduce the risk of fire or electric shock, do not expose this router to rain or moisture.

## Hardware

- WAN Port :  
10/100 Mbps RJ45 \*1  
USB 2.0\*1(for 3G/4G modem and smartphone)
- LAN Port :  
10/100 Mbps RJ-45\*4
- Standard :  
IEEE 802.11b/g/n (Draft 2.0)
- Data Rate :  
802.11n (up to 300Mbps)  
802.11g (up to 54Mbps)  
802.11b (up to 11Mbps)
- Mode Switch : Router / AP / WiFi AP
- LED Indicator :  
POWER, STATUS, WAN , IIII , III , II , I , WPS/WIRELESS
- Button: WPS , Reset
- Antenna: 5dBi\*2

## Firewall

URL / Port / IP / MAC Filtering, SPI against DOS attack

## System Management

Web-base Interface  
Firmware upgrade via web  
Profile save  
Event log  
English Set-up Interface

## Environment

Dimension :198.2(L) x 107(W) x 39.1(H) mm  
Weight: 271.6g  
Power : AC 100V~240V in / DC out 12V1A  
Support OS: Windows, MAC, Linux

## Network Feature

- WAN Connection :
  - Wired/Wireless modem (Static IP, DHCP, PPTP, PPPoE, L2TP)
  - 3G/4G : UMTS/HSDPA/HSUPA  
CDMA2000  
TD-SCDMA
  - Smartphone OS : iPhone  
Google Android  
Windows Mobile
  - WiMAX ready
- Routing : DHCP server, client, DNS server
- VPN Pass Through: IP Sec, PPTP, L2TP
- NAT : Virtual server, DMZ
- UPnP : UPnP NAT Traversal
- Session : 20,000

## Wireless Application

- Wireless Security  
WEP 64 or 128 bit/WPA/WPA2/WPA2 Mixed  
WPS(Wi-Fi Protected setup) : PCB/PIN  
WDS  
Multiple AP

## Power Saving

Ethernet:IEEE 802.3az Standard  
WiFi:Green AP Technology

## Product Contents

RB-1732 Router / Quick Install Guide / Power Adapter / Antenna\*2



SAPIDO dedicates efforts in the development of products with multi-applications, down to the thoughts and respects as a person.

SAPIDO products are well known for not only its sleek design but also practical multiple features with simplest setup requirement. Cold technology dissolves in the passionate Sado created by SAPIDO. It encourages more users to try out unknown networking and digital products, which brings them a high-tech life with great enjoyment and convenience.

SAPIDO MAKES LIFE FUN!

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※Specifications are subject to change without notice. 「SAPIDO」 reserves the right to change specifications without prior notice. Update : 2011.04.08