**Overview**

****

The router offers 300Mbps high speed to connect your computers, smartphones, wireless cameras and other Wi-Fi devices. Bundled with two high gain antennas, it ensures a better wireless coverage and allows you to enjoy the wireless freedom anywhere around your home, ideal for faster downloading, Internet calling and HD video streaming.

**Features**

* Incredible wireless high speed up to 300Mbps, great for faster downloading, Internet calling and HD video streaming
* MIMO high gain antennas providing maximum range and stable connections
* Dual operation modes- Router, Bridge (pure access point)
* Various WAN connection types in AP Router mode- DHCP, Static IP, PPPoE, L2TP, PPTP, Dual Access, WISP
* Multiple wireless modes- AP, Repeater, AP+WDS, WDS, Client
* Multi-SSID providing up to 3 additional separate networks for guests and friends
* Easy wireless security setup at a push of the WPS button
* Intelligent bandwidth control to manage the bandwidth usage for each computer reasonably
* Internet Access Control- IP filtering, MAC Filtering, Domain Filtering based on time
* Quick setup, with built-in multilingual management page

**Specification**

|  |
| --- |
| Wireless |
| Standards | IEEE 802.11b, IEEE 802.11g, IEEE 802.11n |
| Signal Rate | Up to 300Mbps |
| Frequency Range | 2.4-2.4835GHz |
| Transmit Power  | 20dBm(MAX) |
| Data Transfer Rates | 802.11n: 40MHz(300Mbps, 270Mbps, 240Mbps, 180Mbps, 120Mbps, 90Mbps, 60Mbps, 30Mbps) 20MHz (144Mbps, 130Mbps, 115Mbps, 86Mbps, 57Mbps, 43Mbps, 28Mbps, 14Mbps) (Auto-Sense) 801.11g:(54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps) 802.11b:(11Mbps,9Mbps, 6Mbps, 5.5Mbps, 2Mbps, 1Mbps) |
| Wireless Modes | AP, Repeater, AP+WDS, WDS, Client, Multi-SSID |
| Wireless Security | 64/128-bit WEP, WPA-PSK/WPA2-PSK (TKIP/AES)SSID Broadcast Enable/DisableWireless MAC Filtering |

|  |
| --- |
| Hardware |
| Chipset | RTL8196D+RTL8192ER |
| DRAM/Flash | 32MB/4MB |
| Standards | IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX |
| Interfaces | 1 \* 10/100Mbps Auto MDI/MDIX RJ45 WAN port2 \* 10/100Mbps Auto MDI/MDIX RJ45 LAN port |
| LED Indicators | PWR, SYS,2.4G, LAN2-1, WAN, |
| Buttons | WPS/Default in one button |
| Antennas | 2\* Fixed High gain Antenna |
| Power Supply | DC 9V/500mA (Output) |
| Dimensions(L x W x H ) | 115x 86 x25mm |

|  |
| --- |
| Software |
| WAN Type | DHCP, Static IP, PPPoE, L2TP, PPTP, Dual Access, WISP |
| Port Forwarding | Virtual Servers, Port Triggering, UPnP, DMZ, FTP Private Port |
| QoS | WMM, Bandwidth Control |
| Access Control | IP/MAC/Domain Filtering |
| VPN Pass-through | PPTP, L2TP, IPSec |
| Others | Dynamic DNS, Static Routing, WOL, Backup & Restore, Firmware Upgrade |

|  |
| --- |
| Others |
| Certification | FCC, CE |
| Environment | Operating Temperature: 0℃~40℃Storage Temperature: -40℃~70℃Operating Humidity: 10%~90% non-condensingStorage Humidity: 5%~90% non-condensing |
| Package | 1\* device1\* 9V/500mA Power Adapter1\* Quick Installation Guide(Multilingual) |