

Broadband router - Save fast and safely

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D-Link DI-634M



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The D-Link DI-634M is equipped with two large antennas with the "paddle" image of MIMO (Multiple Input Multiple Output) technology and Double XR (2XR), which should reach a wide coverage area and theoretical speed of 108Mbps. To control Internet access, the DI-634M is equipped with a powerful firewall system; Support both NAT, Stateful Packet Inspection (SPI); and allow "law" to be set up according to MAC, IP addresses Parental Controls function allows to prohibit or limit Internet usage with each user on the LAN and prevent unwanted websites. The DI-634M also has a Virtual Server (Virtual Server) function and supports computer startup via the network.

Based on Double Xtended Ranges (Double XR-2XR) technology and SuperG 108Mbps speed, you have the power to create a wide, highly secure WLAN with WPA2 / WPA encryption. Integrated service quality management (StreamEngine) allows quantifying bandwidth for each service such as VoIP, online games, data exchange or email .; Can help limit "lag" when playing online games. Actual test results show that the increase in speed while improving encryption mode and acceleration technology has helped to improve speed (it

is optimal to use a network card that supports MIMO and 2XR technologies). Manuals and automated installation utilities are very convenient.

Linksys RV042 and RV082 integrate VPN Server



Linksys RV042

Virtual private network-VPN (Virtual Private Network) utility, though not new, helps to significantly save communication costs so more and more offices and companies apply. VPN can be used to create a separate channel between parent company / main office with branches, remote employees or leaders (on business). VPN integration, Linksys RV042 and RV082 really show business-oriented goals.

The sleek, sleek design with alloy housing ensures stability. Linksys RV082 size is large and heavy, double RV042. Linksys RV082 equipped with 8 LAN ports, uses Intel IXP425 533MHz CPU, 32MB DRAM and 16MB Flash while RV042 is more modest with 4 LAN ports configuration, Intel IXP425 266MHz CPU, 32MB DRAM, 8MB Flash.

Linksys RV042 and RV082 allow setting up to 50 concurrent VPN channels and each channel can apply different encryption and authentication modes. How to set up VPN is very neatly designed, illustrating an intuitive connection model. The device supports VPN setup methods including Gateway to Gateway, Client to Gateway VPN Client Access, PPTP Server (RV082 only); and advanced authentication and encryption modes such as DES / 3DES / AES, MD5 and SHA1. To ensure security for Gateway and Client, the device provides many powerful security modes, binding authentication by IP address, domain name and email.



Linksys RV082

In addition, both integrate firewalls to prevent DoS, SPI attacks, block attacks from wide area networks (WANs) . You can block services such as java, cookies, activeX, access to proxies However, you may also be able to use certain services on some devices. Access policy is also supported for automatic installation, which allows you to allow or prohibit some services from LAN to WAN, LAN to DMZ, WAN to DMZ and vice versa. Content filtering function (Content Filter) can work by keywords, domain names.

Interestingly, Linksys RV042 and RV082 both have redundant connectivity with Smart Link Backup function with 2 flexible WAN ports. If one of the two lines is disconnected, you can still use the Internet. Therefore, you can hire 2 different ADSL services to ensure the continuity of the connection. You can choose one of two Smart Link Backup or Load Balance modes. Load Balance mode allows determining the maximum bandwidth (Upstream / Downstream), service for WAN1 and WAN2. In addition to the Internet connection setup utility, automatic access rules by browser, the remote VPN access utility (VPN Client) included on CD-ROM are easy to install and connect. With many security modes, advanced encryption and authentication algorithms, RV042 and RV082 deserve a reliable network solution for businesses.

Planet WMRT-414



Planet WMRT-414

The product still carries the traditional design of Planet but has the size and weight smaller than Planet products with the same type tested before. Products using intelligent antenna-MIMO technology, there are 3 removable antennas to help increase the access distance as well as speed up. The device has 4 operating modes: Access Point (AP), AP Client, WDS, Bridge; supports WPA2 / WPA encryption (RADIUS / TKIP / AES / mixed), WEP64 / 128 bit; and prohibit wireless access by MAC address.

In order to coordinate the bandwidth appropriately for each application, the device supports the service quality management (QoS) function, allowing the bandwidth to be down / up by IP address (both for Local and Remote addresses). . NAT functions include Port Forwarding, virtual servers and some applications (Dialpad, ICU II, MSN gaming zone, PC-to-Phone, Quick Time 4) and ALG (Application Layer Gateway).

Built-in firewall allows prevention of DoS denial-of-service attacks such as Ping of Death, Discard Ping from WAN, Port Scan, Sync Flood; restrict service connection to the service by MAC address, IP address for up to 20 PCs. For each IP address / MAC or IP / MAC range, you can choose a lot of services such as sending / receiving mail, transferring files . In addition, you can restrict website access for users by address. URL (Uniform Resource Locator). Rich features, high security, the WMRT-414 provides a total cost-effective solution for home users, small and medium businesses.

TECHNICAL PARAMETERS

Broadband router and network card Price (USD) Outstanding feature D-Link DI-634M

PCI adapter DWL-520M

PC card DWL-650M

132

60.8

60.8

1 WAN port, 4 LAN ports, Wi-Fi 802.11g / b standard, Super G technology and MIMO; WPA2 / WPA / WEP64 / 128bit encryption, 802.1x authentication standard; 2 fixed antennas; Support WDS, virtual server, dynamic DNS, DMZ; Built-in firewall; Restrict internet access by MAC address, IP, work schedule; Firmware version: 2.01W; 3 year warranty; Document: 8/10

Linksys RV042

247

2 WAN ports, 4 LAN ports; Support VPN Server, virtual server, DNS server, dynamic DNS, DMZ, NAT, VLAN; Built-in firewall to prevent DoS attacks; Support "MAC Clone"; Restrict access to websites by keywords, domain names and work schedules; Restrict service connection by IP address. Firmware version: 1.3.7.2; 1 year warranty; Document: 9/10

Linksys RV082

437

2 WAN ports, 8 LAN ports; Support VPN Server, virtual server, dynamic DNS, DMZ, NAT, VLAN; Built-in firewall to prevent DoS attacks; Support "MAC Clone"; Restrict access to websites by keywords, domain names and work schedules; Restrict service connection by IP address. Firmware version: 1.3.2; 1 year warranty; Document: 9/10

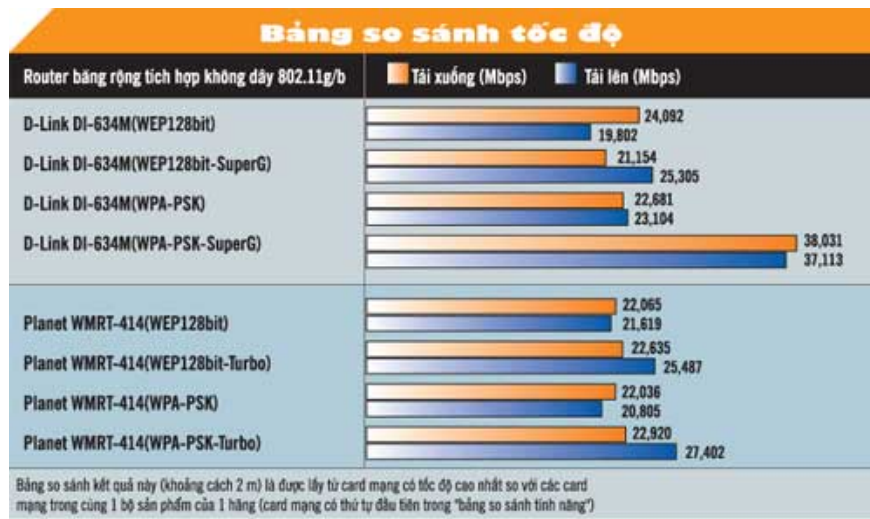
Planet WMRT-414

PC card WML-3565
PCI adapter WML-8315

122
55
59

1 WAN port, 4 LAN ports, Wi-Fi standard 802.11g / b, Turbo and MIMO technologies; WPA2 / WPA / WEP64 / 128bit encryption, 802.1x authentication standard; 3 removable antennas; Support QoS, virtual server, dynamic DNS, DMZ, NAT, UPnP; Built-in firewall to prevent DoS attacks; Support Spanning Tree (802.1d); Support "MAC Clone"; Limit website access by URL; Restrict service connection by IP address, MAC; Prohibit wireless access by MAC address; Firmware version: 1.28; 2-year warranty; Document: 8/10

Speed ??comparison table:



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