DrayTek Vigor 2912 Dual WAN Broadband Router

Product Name: DrayTek Vigor 2912 Dual WAN Broadband Router

Manufacturer: -

Model Number: Vigor2912

DrayTek Vigor 2912 Dual WAN Broadband Router

The Draytek Vigor2912 is designed for small office applications that help your businesses achieve the goals of business growth, innovation and responsiveness. This ideal VPN/firewall router replaces the simple Wi-Fi router offered by ISPs. The dual WAN load-balance and redundancy ensures your office to stay connected. The network security is realized by robust firewall and Web Content Filtering. All your subscribed bandwidth can be smoothly allocated to the essential applications (e.g. VoIP) by the advanced QoS. The VPN tunnels cover the needs of the inter-office / remote access via multiple protocols. The secure Wi-Fi network enables the office environment ready for the trend of BYOD (Bring Your Own Device) to enhance the productivity. At last but not least, the Vigor2912 Series supports the IPv6 for the seamless migration.

DrayTek Vigor 2912 Key Features

ï¿½ Dual WAN load-balance and redundancy (broadband)

ï¿½ USB 2.0 port as WAN 3 (3G/4G USB mobile broadband)

ï¿½ Object-based firewall with Web Content Filtering

ï¿½ Bandwidth management with intelligent VoIP Qos

ï¿½ 16 VPN tunnels with VPN failover (backup)

ï¿½ TR-069 Central Management via the VigorACS SI

ï¿½ Support IPv6 and IPv4 networks

ï¿½ Smart Monitor Traffic Analyzer (Up to 30 nodes)

The Vigor2912 Series offers two fast Ethernet ports as WAN interface (LAN port 1 can be configured as WAN 2.). You have the flexibility to choose different Internet feeds based on the local High Speed Internet plan offered by the ISP and get the reliable connection via dual WAN load-balance and redundancy. As enabling both WAN 1 and WAN 2, 2 WANs share Internet traffic requirements of your organization (load-balance). During downtime, you will always have an access to the Internet even if one of the WAN fails (redundancy).

The USB port can be used for the connection of 3G/4G mobile broadband dongle as the USB WAN (WAN 3). The USB WAN interface can also be the primary access if the local fixed line service hasn’t been deployed yet. Another two popular applications are the FTP drive and network printers for the office.

The Vigor2912 Series supports Object-based SPI firewall to set of Call/Data Filters and DoS/DDoS prevention. You can use pre-define objects or groups for IP, service type, keyword, file extension, etc., and mix these with the Time Scheduler or the VLAN groups as required. The Web Content Filter, powered by the CYREN Web WCF of Content Security Management (CSM) eases configurations to prevent access to inappropriate sites. The IM/P2P/Protocol filter and URL Content Filter are also available in CSM. Your network security is fully managed by the Vigor2912 Series.

Small offices normally choose the affordable Internet plan instead of increasing the bandwidth over 100Mbps. Hence, how to reserve and prioritize bandwidth for the essential applications is critical to operation. The Vigor2912 Series has VoIP QoS to guarantee the priority for VoIP calls automatically once VoIP calls was detected. In addition to QoS, you can manage the bandwidth consumption of every employee based on the individual IP via Session Limit and Bandwidth Limit. The Smart Bandwidth Limit allows you to only set bandwidth reservation for PCs operated essential tasks. Other PCs have the session limitation to prevent the inappropriate usages (e.g. P2P download). Once exceeding the limitation, their speed rates will be downgrade to your customized numbers. You can guarantee all subscribed bandwidth to have proper usage.

DrayTek Vigor 2912 - Technical Specifications

ï¿½ WAN Feature

DrayTek Vigor 2912 Dual WAN Broadband Router

ï¿½ IPv4- DHCP Client, Static IP, PPPoE, PPTP, L2TP, 802.1p/q Multi-VLAN Tagging
ï¿½ IPv6- Tunnel Mode: PPP, TSPC, AICCU, 6in4, 6rd Dual Stack:DHCPv6 Client, Static IPv6, DSLite*
ï¿½ USB WAN

ï¿½ PPP

ï¿½ Outbound Policy-based Load-balance
ï¿½ WAN Connection Failover
ï¿½ 30,000 NAT Sessions

ï¿½ Firewall

ï¿½ Multi-NAT, DMZ Host, Port-Redirection and Open Port
ï¿½ Object-based Firewall
ï¿½ MAC Address Filter
ï¿½ SPI (Stateful Packet Inspection) (Flow Track)
ï¿½ DoS/DDoS Prevention
ï¿½ IP Address Anti-spoofing
ï¿½ E-mail Alert and Logging via Syslog
ï¿½ Bind IP to MAC Address
ï¿½ Time Schedule Control
ï¿½ IPv6 Firewall
ï¿½ User Management

ï¿½ VPN

ï¿½ Up to 16 VPN Tunnels
ï¿½ Protocol : PPTP, IPSec, L2TP, L2TP over IPSec
ï¿½ Encryption : MPPE and Hardware-based AES/DES/3DES
ï¿½ Authentication : MD5, SHA-1
ï¿½ IKE Authentication : Pre-shared key and Digital Signature (X.509)
ï¿½ LAN-to-LAN, Host-to-LAN
ï¿½ IPsec NAT-traversal (NAT-T)
ï¿½ Dead Peer Detection (DPD)
ï¿½ VPN Backup Mode
ï¿½ DHCP over IPSec
ï¿½ VPN Pass-through
ï¿½ VPN Wizard
ï¿½ mOTP

ï¿½ Operational Modes (2.4Ghz band)

ï¿½ 802.11b, 802.11g, 802.11n

DrayTek Vigor 2912 Dual WAN Broadband Router

ï¿½ Access Point
ï¿½ Station Infrastructure
ï¿½ AP Bridge Point-to-Point
ï¿½ AP Bridge Point-to-Multipoint
ï¿½ AP Bridge WDS
ï¿½ Universal Repeater

ï¿½ Network Management

ï¿½ Web-based User Interface (HTTP/HTTPS)
ï¿½ Quick Start Wizard
ï¿½ CLI (Command Line Interface, Telnet/SSH)
ï¿½ Administration Access Control
ï¿½ Configuration Backup/Restore
ï¿½ Built-in Diagnostic Function
ï¿½ Firmware Upgrade via TFTP/FTP/HTTP/TR-069
ï¿½ Logging via Syslog
ï¿½ SNMP V2/V3
ï¿½ Management Session Time Out
ï¿½ Two-level Management (Admin/User Mode)
ï¿½ External Device
ï¿½ TR-069
ï¿½ Support Smart Monitor (Up to 30 PCs)

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