DrayTek

Vigor2766 Series
G.Fast Security Router

- Support G.Fast
- Support VDSL2 35b Super Vectoring/ADSL2+
- Robust Firewall & Security for Internet activities
- 2 VPN connections for remote access and LAN-to-LAN
- Bandwidth Management with intelligent VoIP QoS

Vigor2766 Series support all the VDSL2 profiles, including G.Fast and VDSL Super Vectoring . The embedded VPN connections can allow family members to utilize ultimate broadband performance to realize home office. The content security management (CSM) prevents your family or home office from unwanted web sites/access.

FIREWALL & SECURITY

Vigor2766 Series support Stateful Packet Inspection (SPI) Firewall and flexible filtering rules, it can accept or deny packets based on the information in the packet header (such as source IP, destination IP, protocol, and port number) or the packet's application. IP-based restrictions can be set to filter certain HTTP traffic as well as various application software and help you to prevent time and network resource wasting on inappropriate network activities.

SECURE REMOTE ACCESS

Vigor2766 Series provide a perfect solution for teleworkers who need a secure remote access to the business network, or for branch offices which need a secures connection to the main office network. It offers 2 concurrent VPN tunnels which are compliant with all the industrial-standard protocols, including IPsec, L2TP over IPsec, and SSL VPN, and comprehensive authentication methods are supported. DrayTek also provides the official license-free VPN client software, the Smart VPN Client.

OPTIMIZING BANDWIDTH ALLOCATION

Vigor2766 Series support bandwidth management that helps you to make the most out of the limited bandwidth. You may set up Bandwidth Limit or Session Limit to restrict the maximum bandwidth or session number that a host can use, thus to prevent the bandwidth and the router's resources being occupied by a single host. Quality of Service (QoS) allows you to reserve a certain amount of bandwidth for the critical clients or time-sensitive applications, and ensures their connection quality when traffic is heavy. You may classify both inbound and outbound traffic into up to 4 queues, and allocate a certain amount of bandwidth for each of the queues, there is also a simple option for Vigor2766 Series to automatically detect the VoIP traffic and classify them into the additional top priority queue, therefore to ensure good VoIP quality even if the network traffic is busy.

	35b	G.Fast	WLAN	VoIP
Vigor2766Vac	●	●	●	●
Vigor2766ac	●	●	●	
Vigor2766	●	●		

Connectivity

ADSL/VDSL
- Compliant with ITU-T VDSL2 G.993.2
- Compliant with ITU-T G.993.1, G.997.1
- Capability Fall Back to ADSL2/2+ Standards
- VDSL2 Profile : 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a, 35b VDSL2
- Annex A, Annex M, Annex B, Annex Q
- Loop Diagnostic Mode
- Compatible with POTS / PSTN
- Multi-VLAN
- Multi-PVC

Ethernet WAN
- IPv4 - DHCP Client, Static IP, PPPoE, PPTP, L2TP, 802.1q Multi-VLAN Tagging
- IPv6 - Tunnel Mode:
  TSPC, AICCU, 6rd, Static 6in4
  Dual Stack:
  PPP, DHCPv6 Client, Static Ipv6

Ethernet LAN
- IPv4/IPv6 DHCP Server
- Static Routing/RIP
- Multiple Subnet
- Port/Tag-based VLAN

USB
- 3G/4G Modem as WAN3
- Printer Server/File Sharing /Temperature Sensor

Management

System Maintenance
- HTTP/HTTPS with 2-level Management (Admin/User)
- Logging via Syslog
- SNMP Management MIB-II (v2/v3)
- CLI (Command Line Interface, Telnet/SSH)
- Administration Access Control
- Web-based Diagnostic Functionality
- Firmware Upgrade via TFTP/HTTP/TR-069
- CWMP Support (TR-069)
- LAN Port Monitoring

Network Management
- Bandwidth Management by session/bandwidth
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level priority)
- Guarantee Bandwidth for VoIP

WAN Protocol
- PPPoE / PPPoA
- PPPoE Pass Through
- PPPoE / PPPoA Relay
- Transparent Bridge for MPoA

Security
- Multi-NAT, DMZ Host, Port-redirection and Open Port
- Object-based Firewall, Object IPv6, Group IPv6
- MAC Address Filter
- SPI (Stateful Packet Inspection) (Flow Track)
- DoS/DDoS Prevention
- IP Address Anti-spoofing
- E-mail Alert and Logging via Syslog
- Bind IP to MAC Address
- Time Schedule Control
- Content Security (IM/P2P, URL, Keywords, Cookies,...)

VPN
- 2 VPN Tunnels
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec, SSL and OpenVPN
- Encryption : MPPE and Hardware-based AES/DES/3DES
- Authentication : Md5, SHA-1, SHA-256
- IKE Authentication : Pre-shared key and Digital Signature (X.509)
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPsec
- IPSec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through
- VPN Wizard
- mOTP

VoIP (V model)
- Protocol: SIP, RTP/RTCP, ZRTP
- 6 SIP Registrars
- Dial Plan (Phone Book, Digit Map, Call Barring, Regional)
- Call Features (Call Waiting, Call Transfer, Scheduled DND, Hotline)
- Voice Codec (G.711 A/u law, G.726, G.729 A/B)
- Caller ID (FSK_ETSI, FSK_BELLCORE, DTMF)

Wireless (ac model)
- Multiple SSID
- Security (Open, 64/128-bit WEP, WPA/WPA2, 802.1x)
- Hidden SSID
- Wireless Rate Control by SSID
- Wireless VLAN
- Wireless LAN Isolation
- MAC Address Access Control
- Access Point Discovery
- Wireless Client List
- WDS (Wireless Distribution System)
- WMM (Wi-Fi Multimedia)
- SSID VLAN Grouping with LAN Port (Port-based VLAN)

Hardware Interface
- 1 x DSL WAN Port
- 4 x 10/100/1000Base-TX LAN Switch,RJ-45 (LAN P4 is Configured as WAN2)
- 2 x Detachable Antennas (ac model)
- 2 x FXS, RJ-11 (V model)
- 2 x USB Host 2.0
- 1 x Factory Reset Button
- 1 x Wireless ON/OFF / WPS Button (ac Model)