

Vigor2800 Series ADSL2/2+ Security Router

- ◆ Easy Internet-sharing via ADSL, ADSL2/2+ connection
- ◆ Robust firewall to help protect your network from external attacks
- ◆ Built-in VoIP facilities enable to deploy cost-effective IP telephone infrastructure
- ◆ Comprehensive VPN facilities provide deployment of linked branch offices and teleworkers
- ◆ Super G™ provides up to 108Mbps wireless bandwidth (for G model)

With increasing of ADSL and the wireless transmission rate, you need a better equipment for accessing Internet to meet your requirement. Vigor2800 offers ADSL2/2+ connection, 108Mbps Super G wireless connection to assist your network connection rate being rapidly and smoothly.

Not only promoting the transmission rate, the security of the network also is very important to everyone. Vigor2800 provides more perfect Firewall and VPN functions to guard against the attack of the hacker, meanwhile manages inner users on the network. In addition, the security and management of the wireless connection also should be noticed. Vigor2800 offers encryption method and manages your wireless clients to ensure the security of your wireless network.

A trend to use VoIP is becoming more and more popular. Vigor2800 offers QoS control for VoIP function. Such control can provide better quality of the communication by using telephone. Not only Vigor2800 offers two VoIP ports used to connect general analog telephone, but also it provides ISDN on-net/off-net function for ISDN models.

ADSL2/2+ Compliant

- ANSI T1.413 Issue2
- ITU-T G.992.1 G.dmt
- ITU-T G.992.2 G.lite
- ITU-T G.992.3 ADSL2 G.dmt.bis
- ITU-T G.992.4 ADSL2 G.lite.bis
- ITU-T G.992.5 ADSL2+

ATM Protocols

- RFC2684 MPoA (Multiple Protocol over AAL5)
- RFC2516 PPPoE (PPP over Ethernet)
- RFC2364 PPPoA (PPP over AAL5)
- PPPoE pass-through from LAN/WLAN
- Transparent bridge for MPoA

WLAN Access Point

- IEEE802.11b/g compliant
- Super G 108Mbps
- Wireless client list
- Access point discovery
- WDS (Wireless Distribution System)
- Wireless LAN isolation
- Wireless rate-control *
- 64/128-bit WEP
- WPA/WPA2(IEEE802.11i)
- 802.1x authentication with RADIUS client
- VPN over WLAN
- Hidden SSID
- MAC address access control
- Wireless VLAN *

VoIP

- Protocol: SIP, RTP/RTCP
- Six SIP registrars
- G.168 line echo-cancellation
- Jitter buffer (125ms)
- Voice codec:
 - G.711 A/u law
 - G.723.1
 - G.726
 - G.729 A/B
 - VAD/CNG
- FAX/Modem Support :
 - G.711 pass-through
 - T.38 for FAX
- Supplemental Services :
 - Call Hold/Retrieve
 - Call Waiting
 - Call Transfer
 - Call Forwarding (Always, Busy and No Answer)
 - DND (Do Not Disturb)
 - Hotline
- ISDN loop-through (VGi model only)
- ISDN on-net/off-net (VGi model only)

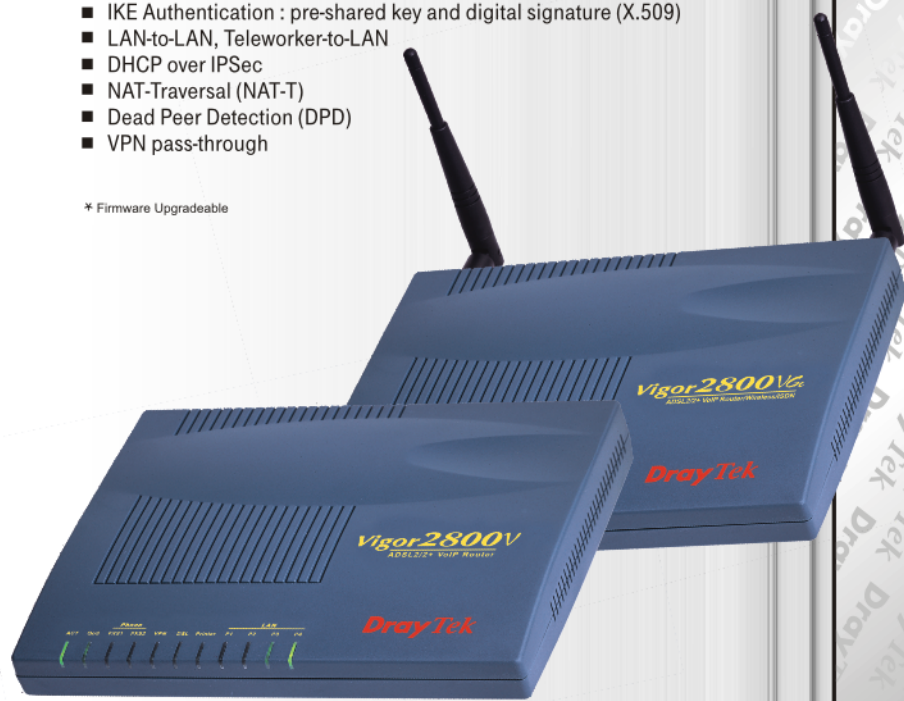
Firewall

- IM blocking
- P2P blocking
- Multi-NAT, DMZ Host, Port-Redirection/Open Port
- Rule-based IP packet filter
- MAC address filter
- SPI (Stateful Packet Inspection)
- DoS/DDoS protection
- IP address anti-spoofing
- E-Mail alert and logging via syslog

VPN

- Up to 32 VPN tunnels
- Protocol : PPTP, IPSec, L2TP, L2TP over IPSec
- Encryption : AES, MPPE and hardware-based DES/3DES
- Authentication : MD5, SHA-1
- IKE Authentication : pre-shared key and digital signature (X.509)
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPSec
- NAT-Traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN pass-through

* Firmware Upgradeable



DrayTek

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Content Filter

- URL keyword blocking (Whitelist and Blocklist)
- Java applet, cookies, Active X, compressed, executable, multimedia file blocking
- Web content filter (Power by SurfControl)
- Time schedule control

QoS

- Guarantee bandwidth for VoIP
- Class-based bandwidth guarantee by user-defined traffic categories
- Support four priority levels
- DiffServ Code Point classifying

ISDN

- Euro ISDN Compatible
- Automatic ISDN Backup
- Support 64/128Kbps(Multilink-PPP)/BOD (Bandwidth on Demand)
- Remote Dial-In/LAN-to-LAN connection
- Remote activation
- Virtual TA

Hardware Interface

- 1 x WAN ports, RJ-11
- 4 x LAN ports, RJ-45
- 1 x USB port for printer server connection
- 2 x FXS, RJ-11 (Available for V model)
- 1 x ISDN, RJ-45 (Available for i model)
- 2 x detachable antenna (Available for G model)
- 1 x Reset Button

Network feature

- DHCP client/relay/server
- Dynamic DNS
- SNTP client
- Call scheduling
- RADIUS client
- DNS cache/proxy
- UPnP
- Routing protocol:
 - Static routing
 - RIP V2

Network Management

- Web-based user interface (HTTP/HTTPS)
- Quick Start Wizard
- CLI (Command Line Interface, Telnet/SSH*)
- Administration access control
- Configuration backup/restore
- Built-in diagnostic function
- Firmware upgrade via TFTP/FTP
- Logging via syslog
- SNMP management MIB-II

Model Comparison Chart

	VoIP	ISDN	Wireless AP
Vigor2800	—	—	—
Vigor2800i	—	●	—
Vigor2800G	—	—	●
Vigor2800Gi	—	●	●
Vigor2800V	●	—	—
Vigor2800VG	●	—	●
Vigor2800VGi	●	●	●

