

# Vigor2800 Series ADSL2/2+ Security Router

- ◆ Easy Internet-sharing via ADSL, ADSL2/2+ connection
- ◆ Robust firewall to help protect your network from external attacks
- ◆ Comprehensive VPN facilities provide deployment of linked branch offices and teleworkers
- ◆ Wireless LAN data rate up to 108Mbps with Super G™ technology
- ◆ IM/P2P management

Targeting requirement for residential, SOHO (Small Office and Home Office) and business users, the Vigor2800 series is an ADSL2/2+ enabled integrated access device. With downstream speed up to 12Mbps(ADSL2) or 24Mbps (ADSL2+), the Vigor2800 series provides exceptional bandwidth (\*note) for internet access. (\*note: the available bandwidth also depends on the Internet Service Provider)

Vigor2800 series provides 32 dedicated virtual private data networks tunnelling through public internet. Powered by hardware-based DES/3DES engine, all the information transmitted is well encrypted, hence against any snooping without performance degraded when VPN is enabled. The rich firewall features of the Vigor2800 series protect against versatile internet malicious attacks.

The Vigor2800 series also integrates different add-on functions by models for customer's alternative. The Vigor2800G deploys Atheros™ Super G technology, which provides enhanced data rate up to 108Mbps. To enhance the security and performance of the wireless network, the Vigor2800G features WPA2 (802.11i), wireless LAN isolation, WDS (Wireless Distribution System), and wireless VLAN.

## Wireless Access Point (for G model)

- IEEE 802.11b/g compliant
- Atheros™ Super G™ provides up to 108M bps data rate.
- Wireless client list
- Access point discovery
- WDS (Wireless Distribution System)\*
- Wireless LAN isolation
- Wireless rate-control\*
- Wireless security:
  - 64/128 bits WEP encryption
  - WPA (Wi-Fi Protected Access), WPA2 encryption
  - 802.1x user authentication with RADIUS client
  - MAC address access control
  - Hidden SSID
  - Wireless VLAN\*
  - VPN over wireless LAN

## ADSL2/2+ Compliance

- ADSL
  - G.dmt (G.992.1)
  - G.lite (G.992.2)
  - ANSI T1.413 issue2
- ADSL 2
  - G.dmt.bis (G.992.3)
  - G.lite.bis (G.992.4)
- ADSL 2+ (G.992.5)
- Up to 24Mbps downstream and 1Mbps upstream

## ATM Protocols

- Multiple protocol over AAL5 (RFC 2684)
- PPP over Ethernet and AAL5 (RFC 2516,2364)
- Up to 8 PVC
- PPPoE pass through LAN/ WLAN
- Transparent Bridge for MPoA

## Virtual Private Network (VPN) Facilities

- Up to 32 VPN tunnels
- Supported protocol: PPTP, IPSec, L2TP, L2TP over IPSec
- DHCP 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

## Firewall Facilities

- IM/P2P blocking
- Multi-NAT, DMZ host, port-redirect / open port
- Rule-based packet filtering
- SPI (Stateful Packet Inspection)
- DoS/DDoS protection
- IP address anti-spoofing
- E-mail alert and logging via syslog
- VPN pass-through

## QoS

- Class-based bandwidth guarantee by user-defined traffic categories
- Support of four priority-levels
- Support of DiffServ Codepoint classifying

\* Firmware Upgradeable



# DrayTek

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## Router 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
- Syslog
- SNMP management MIB-II

## Printer Server

- One USB port connector
- Built-in LPR printer server
- Provide LPR driver for Windows 98/SE/ME
- Compatible with Windows 2000/XP/Server 2003/ Mac OS 9/Mac OS X built-in LPR printer driver

## LAN

- DHCP server for IP assignment (up to 253 users)
- DNS cache and proxy
- Supports port-based VLAN
- Routing support: RIPv2, Static Route

## Network Features

- DHCP client/relay/server
- Dynamic DNS
- SNMP client
- Call scheduling
- RADIUS client
- DNS cache/proxy
- UPnP

## Content Filtering

- URL key word blocking
- Java applet, cookies, Active X, compressed, executable, multimedia file blocking
- Time schedule control
- SurfControl™ web content filter

## Specifications

ADSL	1-port, ADSL 2/2+, RJ-11 connector
LAN	4-port 10/100 Base-TX Switch, RJ-45 connectors
Printer	1-port, USB
WLAN	IEEE 802.11b/g
Power Consumption	Max. 10 Watt
Dimension (mm)	L220* W160* H36

