Vigor2700 Series ADSL2/2+ Firewall Router

- ◆ Easy Internet-sharing via ADSL, ADSL2/2+ connection
- ◆ 802.11g compliant wireless LAN access with industrial security features
- ◆ Built-in VoIP facilities enable to deploy cost-effective IP telephone infrastructure
- ◆ Robust firewall to help protect your network from external attacks
- ◆ Comprehensive VPN facilities provide deployment of linked branch offices and teleworkers

Due to the popularity of Internet all over the world, related applications are getting more and more diversified, and the requirements for Triple-play are thus surging. To satisfy the needs for Triple-play, DrayTek launches Vigor2700V series which contains numerous state-of-the art technologies in one box!

Vigor2700V series is equipped with security features to protect your network against external attacks from the Internet while managing internal access. The capabilities of VPN and WPA/WPA2 Wireless secure data transmission over wired and wireless networks. The proprietary support for IM/P2P Blocking and Port-based VLAN strengthen the security mechanisms promised by this device.

The trend of VoIP applications is getting increasingly popular. Vigor2700V series offers QoS(Quality of Service) control for VoIP traffic, which ensures better quality of voice communication. Not only this machine provides 2 VoIP(FXS) ports to connect to ordinary analog telephone sets, but it also has 1 PSTN/ISDN loopthrough port which allows you to make/receive VoIP and PSTN/ISDN phone calls by means of the same telephone appliance!

With so rich functionality, Vigor2700V series serves as an economical and idea option for your Triple-play imagination!

ADSL Compliant

- ■ ANSI T1.413 Issue2
- ■ ITU-T G.992.1 G.dmt
- ■ ITU-T G.992.3 ADSL2 G.dmt.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

Content Filter

- ■ URL Keyword Blocking (Whitelist and Blocklist)
- ■ Java Applet, Cookies, Active X, Compressed, Executable, Multimedia File Blocking
- ■ Web Content Filter (SurfControl)
- ■ Time Schedule Control

VoIP

- ■ Protocol : SIP, RTP/RTCP
- ■ Six SIP Registrars
- ■ Jitter buffer (125ms)
- ■ Codec Features :
  - • G.711 A/ μ law
  - • G.723.1
  - • G.726
  - • G.729 A/B
  - • VAD/CNG
  - • G.168 Line Echo-Cancellation
- ■ 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
- ■ PSTN loop-through (VoIP 2S1L models only)
- ■ ISDN loop-through (Vigor2700VGi only)

WLAN Access Point

- ■ IEEE802.11b/g compliant
- ■ 64/128-bit WEP
- ■ WPA/WPA2(IEEE802.11i)
- ■ Wireless client list
- ■ Hidden SSID
- ■ MAC address access control
- ■ Access point discovery *
- ■ Wireless LAN isolation
- ■ WDS(Wireless Distribution System) *

VPN

- ■ Up to two VPN tunnels
- ■ Protocol : PPTP, IPSec, L2TP, L2TP over IPSec
- ■ Encryption : AES, MPPE and 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
- ■ Dead Peer Detection (DPD)
- ■ VPN Pass-Through

＊ Firmware Upgradeable
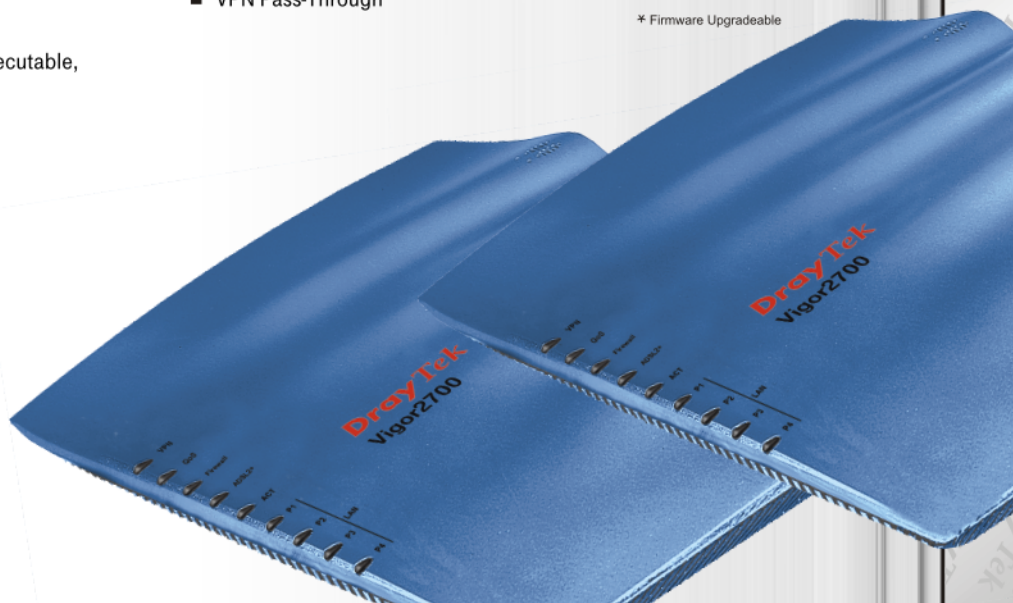
DrayTek

Vigor2700 Series
ADSL2/2+ Firewall Router

QoS
- Guarantee bandwidth for VoIP
- Class-based bandwidth guarantee by user-defined traffic categories
- DiffServ Code Point classifying
- 4-level priority for each direction (Inbound / Outbound)
- Bandwidth borrowed
- Automatic WAN speed detection

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

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

Hardware Interface
- 1 x ADSL2/2+ port, RJ-11 (Annex A) or RJ-45 (Annex B)
- 4 x LAN ports, RJ-45
- 2 x FXS , RJ-11(available for V model)
- 1 x ISDN, RJ-45(available for i model)
- 1 x detachable antenna(available for G model)
- 1 x Reset Button

Firewall
- IM Blocking
- P2P Blocking
- Multi-NAT, DMZ Host, Port-Redirection/Open Port
- Rule-Based IP Packet Filter
- MAC Address Filter *
- Stateful Packet Inspection
- DoS/DDoS protection
- IP Address Anti-Spoofing
- Logging via syslog

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

＊ Firmware Upgradeable

Model Comparison Chart

	VoIP		ISDN	Wireless AP
	2S	2S1L		
Vigor2700	—	—	—	—
Vigor2700G	—	—	—	◉
Vigor2700Gi (Annex B only)	—	—	◉	◉
Vigor2700V	◉	—	—	—
Vigor2700VG	◉	—	—	◉
Vigor2700V 2S1L	—	◉	—	—
Vigor2700VG 2S1L	—	◉	◉	◉
Vigor2700VGi (Annex B only)	◉	—	◉	◉

VoIP — ADSL2+ — Internet — ADSL2+ — VoIP
Analog Phone Line — PSTN — Analog Phone Line
— ISDN or PSTN Loop-through
Analog Phone   Analog Phone   Analog Phone   Analog Phone

VoIP

WLAN

Wireless Security
* WPA/ WPA2
* 802.11x authentication
* 64/128 bit WEP encryption
* MAC address blocking
* Hidden SSID

ADSL — Internet

Firewall
Stateful Packet Inspection(SPI)
DDoS protection
URL content filtering

Complete Security

Internet

Extend coverage with WDS Link*

Enjoy smooth media stream with 802.11g connection

2F   1F

Convenient Wireless

CE ℂ⓪ FC