

# DrayTek

## Vigor122

### ADSL2/2+ Modem



- Complies with full range of ADSL, ADSL2/2+ standards
- Offers easy installation and support
- Provides firewall facilities for network security
- Enjoys broadband multimedia applications
- Compact design for home office, small office and residential users

The DrayTek Vigor122 is an ADSL2/2+ modem with an Ethernet connection.

The DrayTek Vigor122 supports PPPoE/PPPoA relay (PPPoA to PPPoE bridging) and the firewall, router or PC all can log into the Internet (your ISP) directly, having complete control over the ADSL connection. Therefore it is possible to connect a PPPoE client to the Vigor122 (firewall, Ethernet-WAN router, Apple Airpor or PC) even if the connection to your ISP is still PPPoA (unlike other-brand modems which only offers PPPoE native bridging). This unique feature is very convenient for PPPoA -based ISPs.

With the Vigor122 bridge/modem, you can have a true single public IP address (or multiple, if you

subscribe them) rightly through to your router/or firewall, which also has full control of the ISP connection.

Accordingly, it is ideal for home users and client running multi WAN routers like the Vigor3900, Vigor2960, Vigor3220, Vigor2952, Vigor2925, Vigor2912 series and even connecting to the second WAN port on the Vigor2860 series.

The Vigor122 supports TR-069 and it works with most TR-069-based central management system. VigorACS centralized management system can also facilitate ISP's deployment of installing Vigor120 and provide professional remote management for ISP.

#### ADSL Compatibility

- 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+
- Annex L (READSL)
- Annex M

#### ATM Protocol

- 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
- PPPoE/PPPoA Relay
- Multiple-PVC: Up to 4 PVCs

#### Content Security Management

- URL Keyword Filter (Whitelist and Blacklist)
- Web Feature Filter (Java Applet, Cookies, Active X, Compressed, Executable, Multimedia File Blocking)

#### Network Feature

- IGMP Proxy
- DHCP Client/Relay/Server
- Dynamic DNS
- SNTP Client
- Call Scheduling
- DNS Cache/Proxy
- UPnP
- Static Routing

#### Network Management

- Web-based User Interface (HTTP/HTTPS)
- Quick Start Wizard
- CLI (Command Line Interface/Telnet)
- Administration Access Control
- Configuration Backup/Restore
- Built-in Diagnostic Function
- Firmware Upgrade via TFTP/FTP/WUI/TR-069
- Logging via Syslog
- TR-069

#### Firewall

- Multi-NAT, DMZ Host, Port-redirection and Open Port
- SPI (Stateful Packet Inspection)
- DoS/DDoS Prevention
- IP Address Anti-spoofing
- E-mail Alert and Logging via Syslog
- Time Schedule Control

#### Hardware Interface

- 1 x 10/100 M LAN Switch, RJ-45
- 1 x ADSL2/2+ Port, RJ-11 (Annex A) or RJ-45 (Annex B)
- 1 x Factory Reset Button
- 1 x Power On/Off Button