

# DrayTek

## Vigor2762 Series

### ADSL2/2+ & VDSL2 Router

- LAN port4 can be configured as WAN 2 port
- 4-port Gigabit LAN switch
- IPv6 & IPv4 Support
- Comprehensive Firewall/Security and Robust VPN
- Bandwidth Management with 4-level priority Outbound QoS
- Multi-Task USB port: for printer, 3.5G/4G backup, NAS facility

The Vigor2762 series VDSL2/ADSL2+ routers are designed for VDSL2 broadband network and can also support ADSL2/2+ fixed line. With IPv6 Ready for future network and higher-speed WAN throughput, the high-definition multimedia streaming is available for home entertainment and digital learning. The embedded VPN connections can allow family members to utilize ultimate broadband performance to realize home office. The MAC access control, multiple-SSID, authentication management on WLAN creates much secure wireless network. The users of your connected PCs can use Web Portal Log-in and Bulletin Board to remind each other. The content security management (CSM) prevents your family or home office from unwanted web sites/access.

#### Triple play for home entertainment and SOHO

The entertainment applications running over the home network infrastructure and home-based productivity for SOHO are growing. The Gigabit Ethernet WAN ports optimize the throughput performance and flexibility for time-critical console gaming, multimedia streaming and P2P downloading as well as IP telephony. The four Gigabit ethernet (10/100/1000 LAN ports) auto-sensing ports facilitate home networking with width-intensive applications! Through the combination of Gigabit WAN and Gigabit LAN ports to optimize the bandwidth usage, the downstream data and voice packets for Triple play can be flawlessly displayed in endpoint devices, such as HDTV, desktop/laptop or analog/IP phone.

#### Wireless coverage & security

The Vigor2762 series give you the time scheduling function to save your energy bill plus reducing the carbon footprint. For wireless security, Vigor2762 series routers are also efficient for wireless network management. For instance, its "Wireless LAN isolation" can easily isolate wireless network for friends or guests.

Then, the access rights of various wireless clients can be managed by "MAC address control" and deployed "WEP/WPA/WPA2" authentication. No need to remember passwords, you simply press "WPS" button on router and then enable users to securely connect laptop or computers to the router!

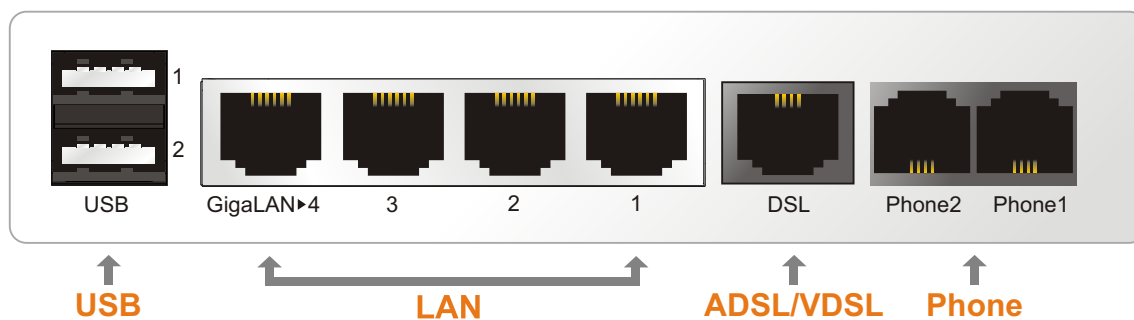
#### Bandwidth management with intelligent VoIP QoS

Small offices normally choose the affordable Internet plan instead of increasing the bandwidth over 100Mbps. Hence, how to reserve and prioritize bandwidth for the essential applications is critical to operation. The Vigor2762 series routers have VoIP QoS to guarantee the priority for VoIP calls automatically once VoIP calls was detected. In addition to QoS, you can manage the bandwidth consumption of every employee based on the individual IP via Session Limit and Bandwidth Limit. The Smart Bandwidth Limit allows you to only set bandwidth reservation for PCs operated essential tasks. Other PCs have the session limitation to prevent the inappropriate usages (e.g. P2P download). Once exceeding the limitation, their speed rates will be downgrade to your customized numbers. You can guarantee all subscribed bandwidth to have proper usage.

#### Working with DrayTek TR-069 Central Management

For IT managed service providers, the self-host/cloud-host TR-069 VigorACS SI can facilitate deployment and management of Vigor2762 series.





## Connectivity

### VDSL2/ADSL2/2+

- ITU-T G.993.2 (VDSL2)
- ITU-T G.992.1/3/5 (ADSL1/2/2+) Annex A & Annex B
- DSL Forum Performance Specification: ADSL TR-048/67, TR-100; VDSL: WT-114
- Erasure Decoding, Increased Interleaver Depth and Re-transmission
- VDSL2 Profile: up to 30a

### 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

## 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/TR-104)
- LAN Port Monitoring

### Network Management

- Bandwidth Management by session/bandwidth
- User Management by Time/Data Quota
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level priority)
- Guarantee Bandwidth for VoIP
- Support Smart Monitor

## VoIP

- Protocol: SIP, RTP/RTCP
- VoIP Wizard
- 6 SIP Registrars
- G.168 line echo-cancellation
- VoIP Status
- Voice codec (G.711 a/u law)
- DTMF Tone (In band/Out band with RFC-2833/SIP Info)
- FAX/Modem Support:
  - G.711 Pass-Through
- Supplemental Services:
  - Call Hold/Retrieve
  - Call Waiting
  - Call Transfer
  - Call Forwarding (Always, Busy, No Answer)
  - CLIR (Calling Line Identification Restriction)
  - Call Barring (Incoming / Outgoing)
  - DND (Do Not Disturb)
  - MWI (Message Waiting Indicator) (RFC-3842)
  - Hotline
  - Intercom
- Dial Plan (Digit Map, Call Barring, Regional)

## VPN

- 2 VPN Tunnels
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec
- Encryption : MPPE and Hardware-based AES/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
- IPsec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through
- VPN Wizard
- mOTP
- Support 2 SSL VPN Tunnels

## 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,...)

## WLAN

- 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)

## Hardware Interface

- 1 x VDSL2/ADSL2/2+ WAN Port , RJ-11 for Annex A/RJ-45 for Annex B
- 4 x 10/100/1000Base-TX LAN, RJ-45
- 2 x Detachable Antennas (n/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 (n/ac model)

	WLAN		
	2.4 GHz	5 GHz	VoIP
Vigor2762 Vac	•	•	•
Vigor2762 ac	•	•	
Vigor2762 n	•		
Vigor2762			