

DrayTek

Vigor2862 Series

VDSL2 Security Firewall

- VDSL2/ADSL2+ Router
- Ethernet WAN for Load Balancing or Failover
- 32 Simultaneous VPN Tunnels
- SPI Firewall with Content Filtering
- USB port for 3G/4G modem or extra storage
- Central Management for VigorAP & Vigor Switch
- Built-in 3G/4G/LTE cellular connectivity covering worldwide LTE networks (L model)
- Built-in 802.11ac Wave 2 dual-band Wi-Fi, delivers speed up to 1733Mbps + 300Mbps (ac model)



Vigor2862 Series is a VDSL2/ADSL2+ Security Firewall router which is compatible with variants of ADSL and VDSL, VDSL bonding is also supported on model Vigor2862B and Vigor2862Bn. Except the DSL interface, there is also a Gigabit Ethernet WAN port that can be used for any types of connection to share the traffic load. 3G/4G/LTE USB modem can also be attached to the USB ports of the router, and offer wireless Internet connectivity in case the fixed lines are not available. Vigor2862L/Ln/Lac have a built-in 3G/4G/LTE modem, cellular connectivity can be added by simply inserting a SIM card.

Vigor2862 Series can also be a central management portal for Vigor APs and Vigor Switches, providing Network Administrator a simpler way to maintain all the network devices.

Flexible LAN Management

Vigor2862 Series supports 802.1Q standard and can build a Tag-based VLAN system with an 802.1Q-support switch, Port-based VLAN is also supported that each LAN port can be configured as a member of different VLAN and be isolated from each other without the use of VLAN tag.

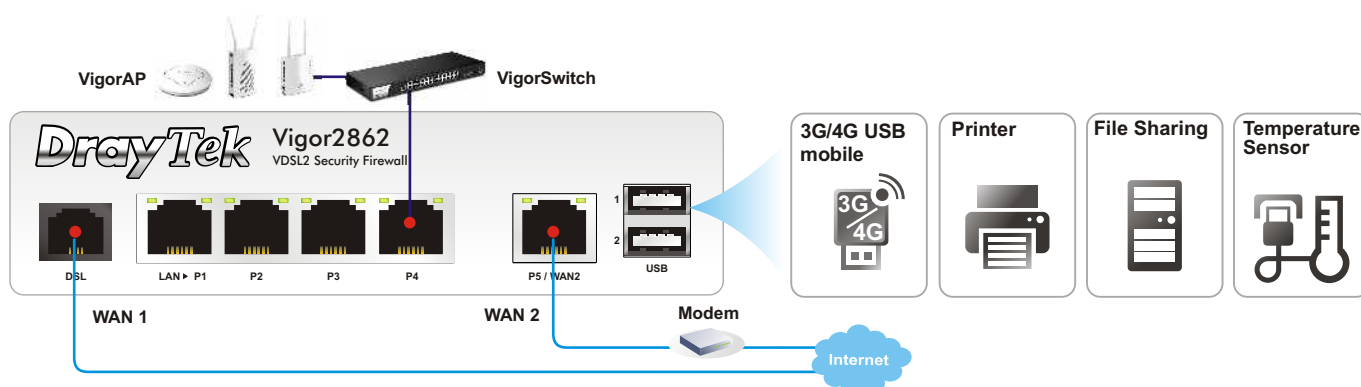
Secure Business Network

Vigor2862 Series has implemented Stateful Packet Inspection (SPI) Firewall, flexible filtering rules can be set up to accept or deny packets based on source IP, destination IP, protocol, port number, or even the packet's contents. Content Filtering by URL keyword or application can help you to prevent time and network resource wasting on inappropriate network activities.

Vigor2862 Series is also a robust VPN server which is perfect for a company based on multiple locations or has teleworkers. The VPN is compliant with all common industry standard protocols, and its compatible with third-party VPN devices.

Central Management

Vigor2862 Series can act as a Central Management portal for the other Vigor devices on the network, including VigorAPs, Vigor Switches, and even Vigor Routers. With Central Management feature, device maintenance (such as firmware upgrading, configuration backup and restore) and monitoring can all be done from a single portal, which is the Web User Interface of Vigor2862 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
- EFM (IEEE 802.3 ah)
- VDSL/Bonding 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
- WAN Connection Fail-over
- WAN Budgets
- Load Balance/Route Policy

Ethernet LAN

- IPv4/IPv6 DHCP Server
- Static Routing/RIP
- Multiple Subnet
- Port/Tag-based VLAN

USB

- 3G/4G Modem as WAN3/WAN4 /Printer Server/File Sharing /Temperature Sensor

VPN

- Up to 32 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
- Supports 16 SSL VPN Tunnels
- VPN Trunk: VPN Backup and Load Balance

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,...)

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
- LAN DNS and DNS Proxy/Cache
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level priority)
- Guarantee Bandwidth for VoIP
- Support Smart Monitor
- Central AP Management
- Central VPN Management
- Support Switch Management

WLAN (Wireless models)

- 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)

VoIP (V model)

- Protocol: SIP, RTP/RTCP
- 12 SIP Registrars
- G.168 Line Echo-cancellation
- Jitter Buffer
- Voice codec (G.711/G.723.1/G.726/G.729 A/B /VAD/CNG)
- DTMF Tone (Inband /Outband with RFC-2833/SIP Info)
- FAX/Modem Support Tone Detection and G.711 Pass-through
- Supplemental Services :
 - Call Hold/Retrieve/Waiting/Transfer
 - Call Forwarding (Always, Busy and No Answer)
 - Call Barring (Incoming/Outgoing)
 - DND (Do Not Disturb)
 - MWI (Message Waiting Indicator) (RFC-3842)
 - Hotline
- Secure Phone (ZRTP + SRTP)
- PSTN Loop-through When Power Failure
- Dial Plan (Phone Book, Digit Map, Call Barring, Regional)

LTE Modem (L models)

- LTE Connection Status on Dashboard
- Support Sending Short Message Service (SMS) Feature
- Support SMS Quota Limitation
- Show the SMS Information in SMS Inbox

Hardware Interface

- 1 x VDSL2/ADSL2/2+ WAN Port (WAN1), RJ-11 for Annex A/RJ-45 for Annex B
- 1 x 10/100/1000Base-Tx, RJ-45 (WAN2)
- 5 x 10/100/1000Base-Tx LAN Switch, RJ-45 (Configurable Physical DMZ on P4), (P5 is shared by WAN2)
- 2 x Detachable Antennas (n Model)
- 4 x Detachable Antennas (ac Model)
- 2 x Detachable LTE Antennas (L model)
- LTE SIM Card Slot (L model)
- 2 x USB Host 2.0
 - 1 x USB Host 2.0 (L model)
- 1 x Factory Reset Button
- 1 x Wireless On/Off/WPS Button (n/ac model)
- 2 x FXS and 1 x Life Line Port, RJ11 (V Model)

	WLAN				VoIP
	VDSL Bonding	LTE	2.4 GHz	5 GHz	
Vigor2862Vac			•	•	•
Vigor2862Lac		•	•	•	
Vigor2862Ln		•	•		
Vigor2862L		•			
Vigor2862ac			•	•	
Vigor2862n			•		
Vigor2862Bn	•		•		
Vigor2862B	•				
Vigor2862					