

### WAN Feature

- 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
- Built-in 4G LTE (WAN-3)
- USB (WAN-4)
  - PPP/DHCP
- WAN Connection Failover
- WAN Budgets
- Load-Balance/Route Policy

### Network Feature

- DHCP Client/Relay/Server
- IGMP Snooping/Proxy V2 and V3
- Dynamic DNS
- NTP Client
- Call Scheduling
- RADIUS Client
- DNS Cache/Proxy and LAN DNS
- UPnP 30 sessions
- Multiple Subnets
- Port-based/Tag-based VLAN (802.1q)
- Routing Protocol:
  - Static Routing
  - RIP V2

### VPN

- Up to 50 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
- SSL VPN: 25 Tunnels
- VPN Trunk (Load Balance/Backup)

### CSM (Content Security Management)

- IM/P2P Application
- GlobalView Web Content Filter (Powered by **CYREN**)
- URL Content Filter :
  - URL Keyword Blocking (Whitelist and Blacklist)
  - Java Applet, Cookies, Active X, Compressed, Executable, Multimedia File Blocking
  - Excepting Subnets

### Firewall

- 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
- User Management

### Bandwidth Management

- 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
- Session Limitation
- Bandwidth Limitation
- Layer-2 (802.1p) and Layer-3 (TOS/DSCP) QoS Mapping

### 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/HTTP/TR-069
- Logging via Syslog
- SNMP Management MIB-II (v2/v3)
- Management Session Time Out
- 2-level Management (Admin/User Mode)
- TR-069
- TR-104
- LAN Port Monitoring
- Support Smart Monitor (Up to 50 nodes)
- Central AP Management
- Central VPN Management

### Wireless AP (n Model)

- 802.11n with 2.4GHz
- Wireless Client List
- Wireless LAN Isolation
- 64/128-bit WEP
- WPA/WPA2
- Wireless Wizard
- Hidden SSID
- WPS
- MAC Address Access Control
- Access Point Discovery
- WDS (Wireless Distribution System)
- 802.1x Authentication
- Multiple SSID
- Wireless Rate-control
- IEEE802.11e: WMM (Wi-Fi Multimedia)
- SSID VLAN Grouping with LAN Port (Port-based VLAN)

### USB

- 3.5G (HSDPA)/4G (LTE) as WAN
- Printer Sharing
- File System :
  - Support FAT32 File System
  - Support FTP Function for File Sharing

note: LTE USB mobile Support List Please Contact support@draytek.com

### Hardware Interface

- 2 x 1000Base-TX, RJ-45 (WAN1/WAN2)
- 5 x 10/100/1000Base-TX LAN, RJ-45
- 2 x Detachable Antennas
- 4 x Detachable Antennas (n Model)
- 1 x USB Host 2.0
- 1 x Factory Reset Button
- 1 x Wireless On/Off/ WPS Button (n Model)



## Vigor2925L Series FTTx with 4G LTE



- 2 Gigabit Ethernet WANs, Embedded LTE, USB WAN port
- 50 VPN tunnels and VPN trunk (VPN backup and VPN load-balancing)
- Fail-over and Load-Balancing for multiple WANs and VPN
- Robust Firewall (CSM and User Management)
- VLAN for secure and efficient workgroup management
- 5 Gigabit LAN ports
- Embedded with IEEE 802.11n Wireless access point
- Supports AP Management
- Supports Smart Monitor Traffic Analyzer (50-nodes)
- Supports Central VPN Management (CVM)
- Can work with Cloud-based VigorACS SI central management



The Vigor2925L series is designed for companies which subscribe FTTx and/or 4G / LTE mobile to utilize super-fast broadband for business applications. The Vigor2925L series has one SIM card slot for you to put the 4G/LTE SIM card. You can use 4G / LTE as primary connection or backup. Some businesses set up remote offices for extended services. The 4G/LTE can be very ideal broadband because it is quite easy to obtain.

The Vigor2925L series inherited well-known VPN functionalities and super-performance of Vigor2925 series. You can establish secure LAN-to-LAN or remote access in terms of your network architecture. With the embedded Central VPN Management (CVM), Vigor2925L series will let network administrator register up to 16 remote routers but run concurrent remote management over 8 remote routers. The CVM will let network administrator easily assist establish VPN settings for Vigor routers deployed at remote offices and/or teleworkers. For example, your main office is using Vigor2912n. With CVM, your network administrator can establish VPN tunnels between Vigor2925L series and Vigor2912n without on-site visit. If you require large-scale deployment, you can host VigorACS SI Central Management to manage more than 16-remotely-deployed Vigor routers. e.g. your main office is using Vigor2925L series and your 22 teleworkers are using Vigor SOHO routers. You can host VigorACS SI Central Management to manage VPN connectivity of those 22 remotely-installed Vigor SOHO routers.

There are 5 Gigabit Ethernet LAN ports for fast speed connectivity of any server or local PCs. You can connect DrayTek VigorSwitch to any port of LAN switch to extend your network for more cloud-based applications. With future firmware update, DrayTek will implement switch management mechanism on Vigor2925L series to let your network administrator much easily set up the connected VigorSwitch for CRM, or ERP or Video server.

The Vigor2925Ln is with IEEE802.11n to ensure best performance and encryption processing. In addition, IEEE802.11n allows you to have greater coverage and resilience to interference compared to previous wireless standards thanks to the Vigor's antennae diversity arrangement and the MIMO technology. The Vigor2925Ln provides you with different levels of security including authentication (802.11x), encryption (up to WPA2) and methods such as DHCP fixing to restrict access to authorized users only and Mac address locking. Through the Web User Interface (WUI), you can see how many and which clients are currently connected and how much bandwidth usage they consume. The wireless VLAN function lets you isolate wireless clients from each other or from the "wired" LAN. You can set certain password for your guest to let guests access your WLAN with "password". The Web-portal setup (log-in) can let you have four rules along with 4 multiple SSIDs. When users connect to your WLAN, they will be directed with your log-in screen before any Internet access is permitted. You can customize your Web-portal setup (log-in) page. The multiple SSID features can let your network administrator set up four common or distinct virtual wireless access points. e.g. those with SSID1 can access to your ERP, those with SSID2 can surf internet. With the button of WPS (Wi-Fi protected setup), your client PC can get its security keys by pressing the WPS button on front of the router. There are several wireless channels for you to choose the best channel where is with the least congested wireless traffic. DrayTek Vigor2925Ln is implemented with AP Management to facilitate deployment of multiple VigorAP 810 SOHO-level access point and VigorAP 900 enterprise-level access point. You can have overview over the status of multiple APs. For multiple wireless clients, to apply the AP Load Balancing to the multiple APs will manage wireless traffic with smooth flow and enhanced efficiency.

## Comprehensive VPN

For remote teleworkers and inter-office links, Vigor2925L series provide up to 50 simultaneous VPN tunnels (such as IPsec/PPTP/L2TP protocols) for secure data exchange and communication. With a dedicated VPN co-processor, the hardware encryption of AES/DES/3DES and hardware key hash of SHA-1/MD5 are seamlessly handled, thus maintaining maximum router performance. Teleworkers can be authenticated directly with your LDAP server if preferred. The Vigor2925L series are equipped with physical DSL port and Gigabit Ethernet port for WAN load-balancing and backup. The VPN trunking (VPN load-balancing and VPN backup) are hence implemented on Vigor2925L series. With VPN trunking, you can create multiple WAN connections to a remote site in order to increase bandwidth. The VPN trunking also can allow you to have failover (backup) of VPN route through a secondary WAN connection.

With SSL VPN, Vigor2925L series let teleworkers have convenient and simple remote access to central site VPN. The teleworkers do not need to install any VPN software manually. From regular web browser, you can establish VPN connection back to your main office even in a guest network or web cafe. The SSL technology is same as the encryption that you use for secure web sites such as your online bank. The SSL VPNs can be operated in either full tunnel mode or Proxy mode. The Vigor2925L series allow up to 25 simultaneous incoming users.

## Multi-subnet

With the 5-port Gigabit switch on the LAN side provides extremely high speed connectivity for the highest speed local data transfer of any server or local PCs. The tagged VLANs (802.1q) can mark data with a VLAN identifier. This identifier can be carried through an onward Ethernet switch to specific ports. The specific VLAN clients can also pick up this identifier as it is just passed to the LAN. You can set the priorities for LAN-side QoS. You can assign each of VLANs to each of the different IP subnets that the router may also be operating, to provide even more isolation. The said functionality is tag-based Multi-subnet. Each of the wireless SSIDs can also be grouped within one of the VLANs.

## DrayTek IPv6 solutions

We support Dual Stack (PPP, DHCPv6 Client, Static IPv6, 6rd) and Tunnel Mode (TSPC, AICCU, 6in4 static-tunnel) to let your business operation successfully be migrated to the era of IPv6.

## Multi-task USB functionalities

You can connect USB disk or hard-drive to USB port for memory storage and file sharing. The Vigor2925L series provide you with FTP access file uploading/downloading, which can be used from the local LAN or from anywhere on the Internet. The access can be using "username and password" or 'public'. Each of them can have their own directories and/or file access rights.

## Secured networking

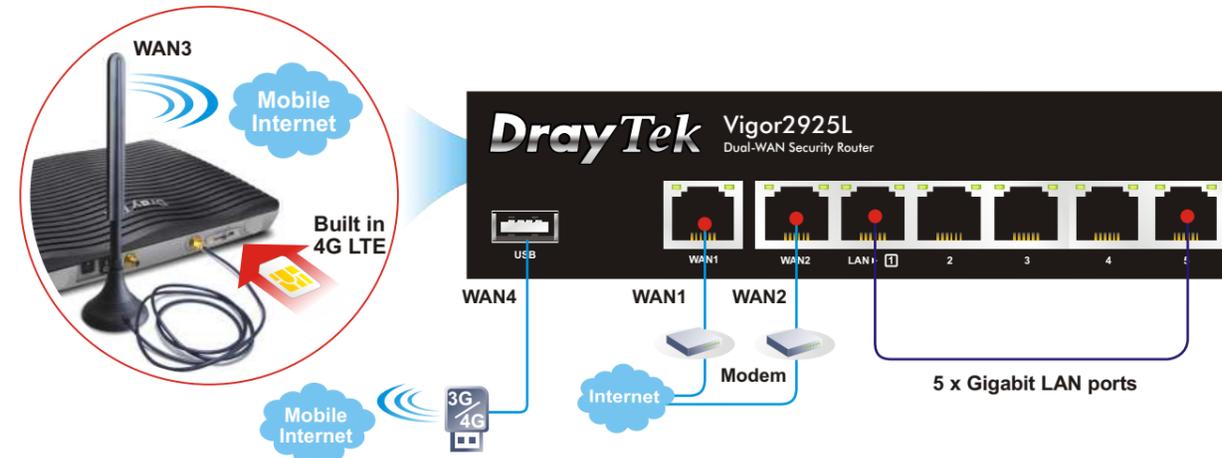
DrayTek Vigor2925L series inherited versatile firewall mechanism from previous Vigor series routers. The object-based design used in SPI (Stateful Packet Inspection) firewall allows users to set firewall policy with ease. Object-based firewall is flexible and allows your network be safe. DoS/DDoS prevention and URL/Web content filter strengthen the security outside and control inside. The enterprise-level CSM (Content Security Management) enables users to control and manage IM (Instant Messenger) and P2P (Peer-to-Peer) applications more efficiently. The CSM hence prevents inappropriate content from distracting employees and impeding productivity. Furthermore, the CSM can keep office networks threat-free and available.

By adoption of the world-leading CYREN GlobalView Web Content Filtering, you can block whole categories of web sites (e.g. sports, online shopping), subject to an annual subscription to the CYREN GlobalView WCF, which is timely updated with changed or new site categorizations. A free 30-day trial can be activated via activation wizard of WUI.

The "User Management" implemented on your router firmware can allow you to prevent any computer from accessing your Internet connection without a username or password. You can set scheduler or maximum usage time to your employees within office network. The user accounts can also be restricted by any other aspect of the firewall rule on a user-by-user basis.

Vigor2925L series support DrayTek's SmartMonitor network traffic analyzer (up to 50 users), which captures actual live data of activities in your managed network, such as the content of MSN entering to or out of your network. You can track specified files download/upload or view statistics on data type activities to realize what corporate related information have been released accidentally or on purpose.

## Multi-WAN



## Central AP Management



## Central VPN Management



## VPN Trunk

