

DrayTek

Vigor2952

Dual-WAN Security Firewall



- Dual Gigabit Ethernet WAN
- 2 USB ports for 3G/4G cellular modem, network storage or temperature sensor
- Up to 4 WAN ports for load-balancing and/or failover
- High-Performance VPN for 100 concurrent tunnels
- IPv6 support on WAN & LAN
- Up to 8 IP subnet on LAN, PPPoE Server support
- High Availability (Hardware Redundancy) support
- Management of up to 30 DrayTek wireless access points & 10 Ethernet switches
- PoE+(802.3at) capable ports available (P model)

The DrayTek Vigor2952 serves as a high speed Internet gateway, VPN endpoint and a central firewall for multi-site offices and teleworkers. With its high data throughput of two-Gigabit Ethernet, Dual WAN, VPN trunking and 4 Gigabit Ethernet LAN ports, the device facilitates productivity of versatile business operations. The establishment of VPN tunnels up to 100 simultaneous tunnels (including 50 SSL VPN tunnels) can provide secure communications between sites.

WAN Load Balancing & Failover

The Vigor2952 has two Gigabit Ethernet WAN ports that can be used for any types of connection, 3G/4G/LTE USB cellular modem can also be attached to the two USB ports on the router to add wireless connectivity. Up to 4 WAN can active simultaneously to share the traffic load, or some of them can be configured to failover mode, which will be automatically activated when detecting connection loss or heavy load on the primary connection.

For Load Balancing, The Vigor2952 can either operate the standard IP-based traffic balancing, or the session-based traffic balancing, which allows sessions in the same connection to take different routes, thus the maximum throughput of a single connection can be the combination of all the WAN's bandwidth.

Secure Business Network

the Vigor2952 provides 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.

The Vigor2952 is also a robust VPN server which is perfect for a company having multiple branches or teleworkers. The Vigor2952 supports all common industry standard protocols, and also DrayTek SSL VPN with our official VPN client App provided.

To ensure the reliability and increased capacity of VPN connections, VPN Trunking is also supported by the Vigor2952. This allows you to set up a pair of VPN tunnels to the same remote network but through different WAN interfaces. The two trunking tunnels can be set up in load balancing or failover mode.

High Availability

To ensure the network reliability in mission critical applications, the Vigor2952 provides high-availability feature to allow a second, redundant Vigor2952 to be added to the network. The pair of Vigor2952 units can be set up in master/slave configuration. Normally, only the Master Vigor2952 will be active and provide internet connectivity to the LAN network. In the event of a hardware failure on that primary Vigor2952 or its WAN connection, the Standby Vigor2952 will automatically take over the traffic without any re-configuration required.

Power-over-Ethernet

The Vigor2952P variant model provides 802.3at compliant PoE+ power on all four Ethernet LAN ports to power IP phones, IP cameras, wireless access points or any other PoE-compliant devices. The PoE status is visible in the Vigor 2952P's web interface, and scheduling can also be enabled to turn devices on/off.

Connectivity

Ethernet WAN

- IPv4 - DHCP Client, Static IP, PPPoE L2TP, 802.1q Multi-VLAN Tagging
- IPv6 - Tunnel Mode: TSPC, AICCU, 6rd, Static 6in4, DHCP6v, Static IPv6
- WAN Connection Fail-over (IPv4)
- WAN Budgets
- Load Balance/Route Policy (IPv4)

Ethernet LAN

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

USB

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

VPN

- Up to 100 VPN Tunnels
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec, IKEv2
- Encryption : Hardware-based AES/DES/3DES
- Authentication : MD5, SHA-1
- IKE Authentication : PSK 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 50 SSL VPN Tunnels
- VPN Trunk: VPN Backup and Load Balancing

PoE (P model)

- 802.3af & 802.3at Compliant (PoE+)
- Power Budget = 60 Watts
- Schedule Setting
- Status Reporting
- PD Device Check
- Notification
- PoE information on dashboard

Security

- Multi-NAT, DMZ Host, Port-redirection and Open Port
- Object-based Firewall, Object IPv6, Group IPv6
- MAC Address Filter
- SPI / Flow Track
- DoS Prevention
- IP Address Anti-spoofing
- E-mail Alert and Logging via Syslog
- Bind IP to MAC Address
- Time Schedule Control
- Content Security Management

Management

System Maintenance

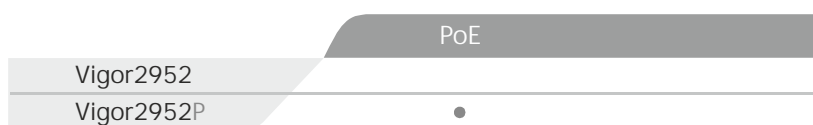
- HTTP/HTTPS with 2-level Management (Admin/User)
- Logging via Syslog
- SNMP Management MIB-II (v2/v3)
- CLI (Command Line Interface, Telnet/SSH)
- Administration Access Control
- Web-based Diagnostic Functionality
- Firmware Upgrade via TFTP/FTP/HTTP/TR-069
- CWMP Support (TR-069/TR-104)
- LAN Port 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
- Central AP Management
- Central VPN Management
- Switch Management (In-WUI management of supported DrayTek Ethernet switches)

Hardware Interface

- 1 x Combo WAN, 10/100/1000BaseT (RJ-45 or SFP Port selectable)
- 1 x 10/100/1000Base-Tx, RJ-45 (WAN2)
- 4 x 10/100/1000Base-Tx LAN, RJ-45 (P1 is Configurable as DMZ Port)
- 2 x USB Host (USB2 is 3.0)
- 1 x Factory Reset Button



Business Continuity

