DrayTek

www.draytek.com

VigorPro 5510 Series

UNIFIED SECURITY FIREWALL

- **All-in-one Unified Security Firewall**
  - Unified Anti-virus, Anti-intrusion threat & Anti-spam management system
  - VPN firewall
- **Hardware-accelerated, Real-time Response**
- **Network-level Protection**
  - Block viruses at the point of network entry
  - Provide protection of all hosts inside network edge before threats intrude
- **Content-based Inline Inspection**
  - MSSI (Multi-Stack Stateful Inspection) provides deep content inline scanning
  - Scan all major network protocols
- **Less TCO (Total Cost of Ownership)**

Conventional firewalls are blind to today's attacks, and also cannot detect inappropriate e-mail and Web content. The most common solution is a complex, costly collection of independent systems to deal with each of these threats along with network-level intrusions and attacks. VigorPro 5510 is capable of providing a complete complement of integrated services including:

- Anti-virus
- Anti-spam
- Anti-intrusion
- CSM (Content Security Management):
  - IM/P2P
  - URL Content Filter
  - Web Content Filter
- VPN
- SSL-VPN
- SPI Firewall

Network-level Protection

Conventional way to protect against virus or malicious program, requires each host to install software on the host. To install software on a large number of hosts is a time consuming process. To evaluate the vulnerabilities, both scan engine and database of virus pattern need constant upgrade.

It is very costly and annoying for IT personnel with high maintenance. VigorPro 5510 works as firewall as well as Internet gateway, it will block any attacks at the point of network entry. Through the web user interface, the network administrator can monitor and instruct

the VigorPro 5510 to look for any vulnerability per network-level. Provide protection of all hosts inside network edge before threats intrude.

Hardware-accelerated, Real -time Response

The VigorPro 5510 employs an unique, hardware-accelerated architecture that provides the ability to perform real-time security without slowing down critical network applications, such as Web traffic. Software-based anti-virus solutions, which are designed for scanning non-real-time email messages, are too slow to be used to scan Web traffic or other real-time network applications.

TECHNICAL SPECIFICATION

Anti-intrusion

- Rule-based Detection List
- Pass/Disallow/Reset while intrusion is detected
- Automatic latest intrusion signature update to device
- Automatic alert when signature update service expire
- Real-time Syslog/ Mail Alert when attacked

Anti-virus

- File Filter
- Defense Viruses, Worms and Trojan
- Scan SMTP
- Scan POP3
- Scan HTTP
- Scan IMAP
- Scan FTP
- Scan ZIP/GZIP/BZIP2
- Scan Ownself VPN Tunnels
- Automatic update latest virus signature to device
- Automatic alert for signature update service expiry
- Real-time Syslog/ Mail Alert for the virus detection

TECHNICAL SPECIFICATION

DrayTek
www.draytek.com

Anti-Spam

- Real-time scan SMTP, POP3
- Automatic alert when license expired
- Real-time syslog alert when spam is detected
- Multi language detection
- Multi type (graphic, document, HTML) detection
- Single / Double byte coding detection
- No user limitation
- Black/ White list

Dual-WAN

- Outbound Policy-based Load-balance
- BoD (Bandwidth On Demand)
- WAN Connection Fail-over

Firewall

- Transparent Mode
- CSM (Content Security Management)
  - URL Keyword Blocking (White List and Black List)
  - Java Applet, Cookies, Active X, Compressed, Executable, Multimedia File Blocking
  - Web Content Filter (SurfControl)
  - IM/P2P Blocking
  - Time Schedule Control
- Multi-NAT, DMZ Host, Port-Redirection and Open Port
- Policy-based Firewall
- SPI (Stateful Packet Inspection)
- DoS/DDoS Prevention
- IP address Anti-spoofing
- E-Mail Alert and Logging via Syslog
- Bind IP to MAC Address
- Time Schedule Control

Network Features

- DHCP Client/Relay/Server
- IGMPv2 Proxy (IGMPv3 Proxy *)
- Dynamic DNS
- NTP Client
- Call Scheduling
- RADIUS Client
- DNS Cache/Proxy
- UPnP
- Routing Protocol:
  - Static Routing
  - RIP V2

VPN

- Up to 200 VPN Tunnels
- Protocol : PPTP, IPSec, L2TP, L2TP over IPSec
- Encryption : MPPE and Hardware-based AES/DES/3DES
- Authentication : Hardware-based MD5, SHA-1
- IKE Authentication : Pre-shared Key and Digital Signature (X.509)
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPSec
- NAT-Traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through

SSL VPN

- Up to 30 SSL VPN Tunnels*
- Web Proxy
- Web Application (10 URLs)
- SSTP*

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
- Logging via Syslog
- SNMP Management with MIB-II

Bandwidth Management

- Class-based Bandwidth Guarantee by User-defined Traffic Categories
- DiffServ Code Point Classifying
- 4-level Priority for Each Direction (Inbound/Outbound)
- Bandwidth Borrowed
- Bandwidth/Session Limitation

Wireless Access Point (for Gi model)

- Super G™ 108Mbps
- IEEE802.11b/g Compliant
- Wireless Client List
- Access Point Discovery
- WDS (Wireless Distribution System)
- Wireless LAN Isolation
- Wireless Rate Control
- 64/128-bit WEP
- WPA/WPA2
- 802.1x Authentication with RADIUS Client
- Hidden SSID
- MAC Address Access Control
- Wireless VLAN

ISDN (for Gi model)

- Euro ISDN Compatible
- Automatic ISDN Backup
- Support 64/128Kbps (Multilink-PPP)/ BoD (Bandwidth on Demand)
- Remote Dial-In/LAN-to-LAN Connection
- Remote Activation
- Virtual TA

Hardware Interface

- Up to 5 Port LAN Switch, 1000Base-TX, RJ-45
- 1 x Configurable Monitor Port, 1000Base-TX, RJ-45
- 2 x WAN Ports, 100Base-TX, RJ-45
- 1 x Detachable Antenna (for Gi model)
- 1x ISDN BRI, RJ-45 (for Gi model)
- 1 x USB HUB 1.1 (for Printer/3G USB Modem/Storage*)
- 1 x Reset Button

Model Comparison Chart

	ISDN	Wireless AP
Vigor 5510	–	–
Vigor 5510Gi	◉	◉

* Firmware Upgradeable

www.draytek.com E-mail:info@draytek.com Tel:+886 3 597 2727 Fax:+886 3 597 2121

V1.0
991-9551000-00