

# VIGORPRO 5300 SERIES

## UNIFIED SECURITY FIREWALL

# DrayTek

www.draytek.com

- ▶ Hardware-accelerated Anti-Virus and Anti-Intrusion inspection
- ▶ Realtime Anti-Spam detection
- ▶ Dual-WAN with policy-based load-balance and fail-over
- ▶ Flexible bandwidth management to optimize bandwidth usage
- ▶ Object-based firewall preventing external attacks and simplifying the Internet access policy settings
- ▶ Hardware-based VPN platform for high performance remote data access
- ▶ 802.11n (Draft-n) improves wireless speed and coverage
- ▶ VoIP capabilities with twin analogue phone ports, one ISDN port dedicated to ISDN phone and one ISDN port configurable for ISDN phone / line



VigorPro 5300 Series is an all-in-one Anti-Virus, Anti-Intrusion and Anti-Spam security appliance for SOHO and branch office. VigorPro 5300 Series provides real-time network protection against viruses, worms and malicious programs via e-mail, FTP and web browser. The rule-based website content filtering blocks improper connection to internet in flexible way. With DrayTek's DrayOS™ as kernel, VigorPro 5300 Series provides robust and stable VPN, firewall and routing functionality as well.

Unlike legacy proxy-based anti-virus anti-intrusion solution, which stores data in files format prior to scan the content in streaming, the VigorPro 5300 equips with hardware-based scan engine. VigorPro 5300 Series scans packet stream go through it in real-time before those specious content get into the network without performance downgrade. Thus provides a protection of whole network against any intrusion and malicious program in real-time.

DrayTek provides customer free access to the latest virus/hacker signature for and information update for a period of time. Considering customer's needs to minimize supporting effort, DrayTek support team also provides service for VigorPro 5300 Series to get the latest signature updated from DrayTek's server automatically. The all-in-one design makes network management simple and easy.

### Dual-WAN

- Outbound Policy-Based Load-Balance
- BoD (Bandwidth on Demand)
- WAN Connection Fail-Over

### WAN Protocol

- DHCP Client
- Static IP
- PPPoE
- PPTP
- L2TP\*
- BPA

### Firewall

- CSM (Content Security Management) for URL / WEB Content Filter and IM / P2P Applications
- Multi-NAT, DMZ Host, Port-Redirection and Open Port
- Object-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
- Transparent Mode

### Wireless Access Point (for n model)

- IEEE802.11n Draft 2.0 Compliant
- Access Point Discovery
- WDS (Wireless Distribution System)
- Wireless LAN Isolation
- Wireless Rate Control
- WEP / WPA / WPA2 Encryption
- 802.1X Authentication with RADIUS Client\*
- Hidden SSID
- Multi-SSID
- MAC Address Access Control
- Wireless VLAN
- WPS (Wi-Fi Protected Setup)

### 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
- Bandwidth / Session Limitation

### SSL VPN

- Up to 30 SSL VPN Tunnels
- Web Proxy
- SSTP\*

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### VPN

- Up to 100 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
- IPSec NAT-Traversal (NAT-T)

### VoIP

- Protocol: SIP, RTP / RTCP
- 12 SIP Registrars
- Supplemental Services :
  - Call Hold / Retrieve
  - Call Waiting
  - Call Waiting with Caller ID
  - Call Transfer
  - Call Forwarding (Always, Busy and No Answer)
  - DND (Do Not Disturb)
  - Call Barring (Incoming / Outgoing)
  - MWI (Message Waiting Indicator) (RFC-3842)
  - Hotline
- ISDN Loop-Through
- ISDN On-Net/Off-Net

### ISDN

- One ISDN Port Fixed for ISDN Phone and One ISDN Port Configurable for ISDN Phone / Line
- Automatic ISDN Backup
- Support 64 / 128Kbps (Multilink-PPP) / BOD (Bandwidth On Demand)
- Remote Dial-In / LAN-to-LAN Connection
- Remote Activation

### Network Features

- DHCP Client / Relay / Server
- IGMP Proxy
- Dynamic DNS
- NTP Client
- RADIUS Client
- DNS Cache /Proxy
- Routing Protocol:
  - Static Routing
  - RIP V2

### 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 / WEB UI / TR-069\*
- Logging via Syslog
- SNMP Management MIB-II

### Anti-Virus

- Scan SMTP, POP3, HTTP, IMAP, FTP
- Scan ZIP / GZIP / BZIP2
- Scan Encrypted VPN Tunnels
- Automatic Virus Signature Update
- Automatic Alert When Signature Update Service Expired
- Real-Time E-mail / Syslog Alert When Virus is Detected

### Anti-Intrusion

- Rule-Based Detection list
- Pass / Block / Reset When Intrusion is Detected
- Automatic Intrusion Signature Update
- Automatic Alert When Signature Update Service Expired
- Real-Time E-mail / Syslog Alert When Under Attack

### 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

### Model Comparison Chart

	VoIP	ISDN S0	Wireless AP
VigorPro 5300	—	—	—
VigorPro 5300n	—	—	●
VigorPro 5300Vn	●	—	●
VigorPro 5300VS	●	●	—
VigorPro 5300VSn	●	●	●

