

SG300

VPN/Firewall

The SG300 is a compact, feature-rich network security appliance that is perfect for securing very small networks and remote workers.

The onboard 10/100 Ethernet switch enables a small business to implement a LAN quickly and easily, and connect the network to the Internet via broadband (ADSL, cable, SHDSL, etc.) or narrow-band (modem or ISDN) connections. If the broadband connection is lost, the SG300 can fail over in seconds to the narrowband connection, ensuring maximum uptime.

The SG300's fully integrated VPNC-certified Virtual Private Network (VPN), enables a satellite office to connect securely to an enterprise network. To ensure interoperability, the SG300 supports industry-standard access methods such as IPsec, PPTP and L2TP, with strong encryption.

With a powerful stateful-inspection firewall, service-based intrusion detection and blocking solution, and advanced Internet connection sharing features, the SG300 is a price/performance leader.



FEATURES:

- Fully integrated IPsec VPN
- Full PPTP and L2TP VPN client and server
- Up to 40 Mbps LAN throughput
- Unrestricted, unlimited user license
- Web console for configuration and management
- Fully interoperable with other SG appliances and other standards-based security devices
- No third-party client software required

RECOMMENDED FOR:

- Small businesses needing to connect multiple offices and telecommuters via a VPN
- Routing ADSL/Cable up to T1, DS1 and E1 speeds
- VPN connections up to 4 Mbps (most Cable and ADSL)

Typical Deployment	Network Throughput	VPN Tunnels
WAN Port + 4 Port LAN switch (10/100) Teleworkers and Small Office	35Mbps	50

Wireless & Security

SG300 SPECIFICATIONS

- VPN - IPsec
 - Peer-to-peer (initiate and terminate)
 - ESP and AH payloads
 - Supports aggressive mode
 - DES 56-bit and 3DES 168-bit encryption
 - Hashes HMAC - MD5 and SHA-1 authentication
 - IKE/ISAKMP Diffie-Hellman key exchange
 - Pre-shared secrets
 - Dynamic IP address end-points
 - Authentication up to 512-bit for RSA key signatures
 - Up to 50 IPsec tunnels
 - Up to 2.5 Mbps 3DES, 4 Mbps AES throughput
 - VPN - PPTP
 - v2 client and server
 - Pass-through mode
 - MPPE 40 to 128-bit RC4 encryption
 - PAP/CHAP/MS CHAPv2 authentication
 - Up to 5 PPTP client tunnels
 - Up to 5 PPTP server tunnels
 - Up to 4 Mbps RC4 throughput
 - Stateful firewall
 - Routing
 - DHCP - client and server
 - PPPoE (for ADSL support)
 - NAT - static and dynamic
 - NAPT/PAT - port forwarding
 - Connection sharing
 - Anti-intrusion
 - Logging (local and remote)
 - Traffic shaping (QoS)
 - DNS caching, masquerading, proxy
 - IP aliases
 - NTP client and server
 - Web management
 - CLI (Telnet) management
 - Dial on demand
 - Initial setup via either static IP address or dynamic IP address (DHCP client)
 - Status LEDs
 - 40 Mbps routed throughput
 - 25 Mbps PPPoE throughput
 - 28 Mbps firewall performance
 - WAN port - 10/100BaseT
 - LAN port - 4x10/100BaseT switch auto-sensing
 - Serial ports - 1 (dial-on-demand)
 - Memory - 4Mb Flash, 8Mb RAM
 - Power - 12V 800 mA
 - Weight - 12oz (300)
 - Dimensions - 7"x4.6"x1.7" (178mmx118mmx43mm)
 - Operating temperature 0C to 40C
 - Storage temperature -20C to 70C
 - Humidity 0 to 95%, non-condensing
 - Certification - home and office
 - Warranty - 1 year*
- * accept where required to be 2 years by law