

Snapgear SG310

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The SnapGear[®] SG310 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.

With a powerful stateful-inspection firewall, service-based intrusion detection and blocking solution, and advanced Internet connection sharing features, the SG310 is a price/performance leader. 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

- Features
- Fully integrated IPsec VPN
 - Full PPTP and L2TP VPN client and server
 - Up to 30 Mbps LAN throughput
 - Unrestricted, unlimited user license
 - Web console for configuration and management
 - Fully interoperable with CyberGuard appliances and other standards-based security devices
 - No third-party client software required
 - Central management with Global Command Center 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 40 IPsec tunnels
 - Up to 2 Mbps 3DES, 3.5 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
 - NAT/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
 - 30 Mbps routed throughput
 - 27 Mbps PPPoE throughput
 - 30 Mbps firewall performance
 - WAN port - 10/100BaseT
 - LAN port - 4x10/100BaseT switch autosensing

- 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* Extended 3 Year Warranty Available

*Except where required to be 2 years by law Other Snapgear models and links:

SG300
SG560
SG565
SG580
SG720
SG640