

## SnapGear SME550



"Sometimes referred to as *"the poor Man's Cisco"*, the Snapgear really comes into it's own with its open VPN licensing, which generally allows them to pay for themselves within just a few months of operation."-- OzCableGuy

The SnapGear SME550 is a 2-port broadband VPN Firewall Appliance with a serial port for narrowband fallback or for setting up for dial-in access.

MSRP US\$499 (USA price only) Available world-wide.

- Buy online
- Find nearest reseller
- Reviews
- View Datasheet (PDF)
- Compare overview of product family
- Compare detailed features with other models
- Compare against our competitors
- SnapGear Online Emulator

### Features

- Steel casing for Enterprise and Commercial environments
- Cryptographic accelerator for highest performance
- Full IPSec VPN (Virtual Private Network) Capability
- Full PPTP VPN client and server
- No per-user licensing or restrictions
- Web console
- Highly interoperable with other leading brands
- No third-party client software required

### Recommended for:

- Medium enterprises needing to support multiple office-office connections and telecommuter VPN access. Suitable for workgroup partitioning.
- Suitable for routing ADSL and Cable up to T1, DS1 and E1
- Suitable for VPN up to 10Mbps (broadband and LAN-to-LAN)

## Specifications

- VPN - IPSec
  - Peer-to-peer (initiate and terminate)
  - ESP and AH payloads
  - Supports aggressive mode
  - Dead peer detection
  - Compression (deflate / gzip type algorithm)
  - DES 56-bit, 3DES 168-bit, AES 256-bit encryption
  - Hashes HMAC - MD5 and SHA-1 authentication
  - IKE/ISAKMP Diffie-Hellman key exchange
  - Diffie-Hellman Groups (1,2,5) and Oakley Groups (14,15,16) to 4096-bits
  - X.509 certificates DER, PEM formats
  - Pre-shared secrets
  - Dynamic IP address end-points
  - Dynamic DNS IPSec support
  - Authentication up to 2048-bit for RSA key signatures
  - Multiple subnets
  - NAT traversal
  - Up to 500 IPSec tunnels
  - Up to 10 Mbps IPSec 3DES throughput
  - Up to 8 Mbps IPSec AES 128-bit throughput
  - Up to 7 Mbps IPSec AES 196-bit throughput
  - Up to 6 Mbps IPSec AES 256-bit throughput
- VPN - L2TP
  - IPSec config Wizard
  - L2TP over IPSec
  - Autonomous L2TP
  - Client: NAT, default route via L2TP
  - Server: specify client IP address range
- VPN - PPTP
  - v2 client and server
  - Pass-through mode also
  - MPPE 40 to 128-bit RC4 encryption
  - PAP/CHAP/MS CHAPv2 authentication
  - L2TP & GRE tunneling extensions
  - Up to 10 PPTP client tunnels
  - Up to 20 PPTP server tunnels
  - Up to 5 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)
- IP aliases
- NTP client and server
- Free firmware updates - downloadable via Internet
- Web management
- CLI (Telnet) management
- Initial setup via either static IP address or dynamic IP address (DHCP client)
- Bridging (802.1d)
- Administration user accounts
- RADIUS / TACACS+
- DNS enhanced caching, masquerading, proxy, multiple DNS server proxying
- RAS (dial-in)
- Fail-over / high availability
- Dial on demand
- 35 Mbps routed throughput
- 30 Mbps PPPoE throughput
- RIP, RIPv2
- BGP
- SSL / HTTPS web management
- SSH server & client
- Status LEDs
- WAN port - 1x10/100BaseT
- LAN port - 1x10/100BaseT
- Serial ports - 1 (dial-in, or dial-on-demand)
- Cryptographic accelerator
- Memory - 8Mb Flash, 16Mb RAM
- Real time clock
- Power - 5V 1.5A
- Weight - 1lb (500g)
- Dimensions - 6.5"x4.5"x1" (168mmx115mmx26mm)
- Operating temperature 0C to 40C
- Storage temperature -20C to 70C
- Humidity 0 to 95%, non-condensing
- Certification - home and office
- Warranty - 1 year\*, optional Extended Four Year Warranty

\*Except where required to be 2 years by law

SnapGear Inc.  
7984 South Welby Park Drive, Suite #101  
Salt Lake City UT 84088  
USA  
Phone 801-282-8492  
Fax 801-282-8496  
E-mail [contact@snapgear.com](mailto:contact@snapgear.com)

All contents copyright © 2001-2003 SnapGear Inc

SnapGear Internet Security Appliances