

# BroadScan™

## Spam-Virus Firewall Gateway (SCN200)

BroadScan™ SCN200 is a UTM security gateway for small business with up to 25 users.

The SCN200 is an all-in-one UTM gateway for small business that offers an efficient way to upgrade a legacy firewall to the next level of security. The cost effective desktop gateway adopts Heuristics Analysis to intelligently block viruses and unsolicited Spam in addition to offering powerful Firewall protection and VPN tunneling support. Filtering measures include varied processing of email that are determined to be Spam or virus infected, and incorporate Bayesian learning processes to optimize filtering accuracy to greater than 95 percent. The virus and Spam scanning engines automatically update with the latest signature files, and are based on the industry's leading open source signature engines for greater database reliability and stability. Handling options for undesirable files include deletion, quarantine, or forwarding redirection.

Additional features optimize business productivity and security by controlling applications such as Instant Messaging and FTP file transfers. The Firewall is a Stateful Packet type to assure blocking of Hacker and Denial of Service attacks.

The SCN200 includes end point VPN support to allow remote users to log into corporate networks or provide point-to-point VPN tunneling from a branch office to a corporate server.



### Features and Benefits

**Plug and Play simplicity** - SCN200 supports standard ISP service connectivity for Broadband. The DHCP server makes client connections simple, and can deploy as the network's central Firewall gateway or as a subnet security gateway anywhere on the network.

**Anti-Spam Filtering** - Multi-layered defense system includes Header Analysis, Black and White lists, and Bayesian Analysis, plus Heuristics Analysis to block better than 95 percent of undesirable files. Spam tagged files may be deleted, delivered or rerouted. Bayesian self-learning provides pro-active response to continually refine accuracy for optimum filtering performance.

**Anti-Virus Protection with Subscription FREE Updates** - Built-in ClamAV virus scanning engine detects viruses, worms and other threats from POP3 and SMTP email. Includes in-depth administrative options for delivery and reporting, including quarantine, auto-delete or rerouting. Virus definition signatures are updated automatically and require no subscription to receive updates.

**VPN Tunneling** - Full IPsec and PPTP end point support enables secured intranet communications from the branch office or telecommuter location to the corporate headquarters.

**Content Filtering** - Provides administrative control over web site access, file downloading, Instant Messaging and other potential security and productivity problem sources.

**SPI Firewall** - Provides deep packet inspection to block intruder and Denial of Service attacks (internal and external sources).

**Traffic shaping for VoIP** - Includes QoS bandwidth priorities and ALG support for H323 and SIP voice.

# Specifications

Network Size	Small office - 25 users
Package	Desktop enclosure
Performance	LAN to WAN throughput
Firewall	50 Mbps
VPN (3DES)	16 Mbps
Sessions	110,000 concurrent
Email capacity	90,000 / day
Filtering Techniques	Spam: Bayesian, Personal rule, White/Black list, Global rule, RBL, auto-train Viruses: Heuristics scanning of multiple protocols (SMTP, POP3)
Detected File Actions	Delete, deliver, Forward, Quarantine
Scanning Engines	ClamAV (virus), SpamAssassin (Spam) Signature database updates by schedule or on-demand (no subscription fee)
Bandwidth Management	QoS: HTB algorithm for Prioritized utilization and Guaranteed bandwidth VoIP: supports pass through of H323 and SIP packets
VPN	IPSec/IKE (DES, 3DES, AES) PPTP client/server
Firewall and IDP	SPI (stateful packet inspection) Protects against DoS, DDoS and internal DoS attacks
Content Filtering	
URL blocking	Prevents access to specific web sites
Script blocking	Prevents ActiveX, Java, Cookies and Popup
P2P blocking	Prevents peer file downloads (eDonkey, Bit Torrent, etc...)
FTP and HTTP files	Prevents file downloads
IM blocking	Prevents Instant Messaging (MSN, AIM, Yahoo Messenger, etc...)
Management	HTTP DDNS - 16 entries
Interface	
WAN	1 port: 10/100Base-Tx
LAN	1 port: 10/100Base-Tx
DMZ	1 port: 10/100Base-Tx
Platform	
CPU	IXP XScale, 400 MHz
DRAM	128 MB
Flash	16 MB
Indicators (LED)	Five: link/activity for WAN, LAN, DMZ, Status and Power
Operating Environment	Operating Temperature: -20 - 70°C (-4 - 158°F) Humidity: 0-95% non-condensing
Dimensions	218 x 36 x 148mm 0.94 Kg
Power	Voltage: 100 - 240VAC, 0.5A, 50-60Hz Power supply: external
Regulatory Approval	FCC
Warranty	Standard 1 year, limited

(c) 2005-2006, SOHware, Inc. All rights reserved (v2.1).  
Product image and specifications are subject to change without prior notice.