

CONNECTORS - LAN: (8) 10/100 Mbps auto-sensing, Auto Uplink RJ-45 ports - (1) 10/100/1000 Mbps LAN port - One LAN port can be dedicated hardware DMZ port

WAN: (2) 10/100 Mbps Ethernet RJ45 ports with auto failover and load balancing.

Serial: (1) Console port for command line interface (CLI) support.

SECURITY - SPI Firewall: Stateful Packet Inspection (SPI) to prevent notorious Denial of Service (DoS) attacks, Intrusion Detection System (IDS) including logging, reporting and email alerts, address, service and protocol, Web URL keyword filtering, prevent replay attack (reassembly attack), port/service blocking. Advanced features include block Java/URL/ActiveX based on extension, FTP/SMTP/RPC program filtering.

VPN Functionality: Two hundred (200) VPN-certifiable dedicated VPN tunnels, Manual key and Internet Key Exchange Security Association (IKE SA) assignment with pre-shared key and RSA/DSA signatures, key life and IKE lifetime time settings, perfect forward secrecy (Diffie-Hellman groups 1 and 2 and Oakley support), operating modes (Main, Aggressive, Quick), fully qualified domain name (FQDN) support for dynamic IP address VPN connections.

IPSec Support: IPSec-based 56-bit (DES), 168-bit (3DES), or 256-bit (AES) encryption algorithm, MD5 or SHA-1 hashing algorithm, AH/AH-ESP support, PKI features with X.509 v.3 certificate support, remote access VPN (client-to-site), site-to-site VPN, IPSec NAT traversal (VPN pass-through).

Mode of Operation: One-to-one/many-to-one Multi-Network Address Translation (NAT), classical routing, unrestricted users per port.

IP Address Assignment: Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN, PPPoE client support.

FUNCTIONS - VPN Wizard to simplify configuration of the VPN, Smart Wizard to automatically detect ISP Address type (static, dynamic, PPPoE, Port Range Forwarding, Port Triggering, Exposed Host (DMZ), Hardware DMZ, Enable/Disable WAN Ping, DNS Proxy, MAC Address cloning/spoofing, Network Time Protocol NTP support, Keyword Content Filtering, email Alerts, DHCP Server (Info and display table), PPPoE login client support, WAN DHCP Client, Diagnostic tools (ping, trace route, other), Port/service/MAC address blocking, Auto-Uplink on switch ports and QoS.

PERFORMANCE- Throughput: 90 Mbps WAN-to-LAN, and 100 Mbps 3DES throughput.

MANAGEMENT - Administration interface : SNMP (v.2c) support, Telnet, web graphic user interface, Secure Sockets Layer (SSL) remote management, user name and password protected; Smart Wizard and Auto Detect for basic parameter settings; VPN Wizard simplifies VPN configuration; secure remote management support authenticated through IP address or IP address range and password; configuration changes/upgrades through web GUI.

Configuration & upgrades: Upload and download configuration settings, firmware upgradable flash memory.

Logging: SYSLOG, email alerts

PROTOCOL SUPPORT-

Network: IP routing, TCP/IP, UDP, ICMP, PPPoE

IP addressing: DHCP (client and server)

Routing: RIP v1, RIPv2 (Static Routing, Dynamic Routing).

VPN/Security: IPSec (ESP, AH), MD5, SHA-1, DES, 3DES, IKE, AES, PKI.

USER SUPPORT-LAN: Up to 253 users

MAINTENANCE- Save/Restore Configuration, Restore Defaults, Upgrades via Web Browser, Display Statistics, Logging, SYSLOG support.

HARDWARE- Processor Speed: 533 MHz Intel XScale IXP425

Memory: 16 Mb Flash, 32 Mb DRAM

Encryption Accelerator : Cavium CN501 with 60+ Mbps (3DES+SHA-1) encryption.

REQUIRES - Cable, DSL or wireless broadband modem and Internet service, Ethernet connectivity from broadband modem, Network card for each connected PC, Network software (e.g. Windows), Internet Explorer 5.0 or higher OR Netscape Navigator 4.7 or higher.

POWER- 100~240 VAC, 50/60Hz

SIZE- 13" x 8" x 1.75"

WEIGHT- 4.42 lbs