SOHORouter 402VE
4-Port 10/100 Switch VPN Broadband Router
w/2*WAN port

Introduction

BR-402VE is a SOHO router that provides an easy and facility way to quickly connect an entire network to Internet. Using the VPN router, a secure connection may be easily created between two or more sites. Whenever data is intended for the remote site, VPN router automatically encrypts the data and sends it to the remote site over Internet, where it is automatically decrypted and forwarded to the intended destination. Connecting to ADSL or Cable through its WAN Ethernet port, BR-402VE can support a bandwidth of 100 Mbps which is 1790 times faster than a 56K modem. The BR-402VE also has one WAN asynchronous port that can be used as a dialup backup to the ADSL/Cable connection. The BR-402VE supports DHCP, Hacker Logging, VPN, firewall and many other functions that are essential for an enterprise daily operation.

Key Features & Benefits

Security	● Support up to 32 IPSec tunnels for office to office and/or remote client IPSec connections ● Support IKE pre-shared key & manual key exchange. ● Support versatile data encryption algorithms: DES & 3DES (by hardware encryption engine), AES. ● Support MD5 & SHA-1 key hash authentication algorithms
PPTP Client	● Support both PPTP client functions.
Aggressive Mode	● Allow users to configure IKE pre-shared key as RADIUS tunnel attributes for IPSec peers.
Stateful Packet Inspection	● Ensuring maximum security
IP Sharing (NAPT)	● Share Internet access with single IP address for up to 253 users
DMZ (De-militarized Zone)	● Allow one local user to be exposed to the Internet
Virtual Server	● Allow internal servers/workstations to be accessible from Internet.
Firewall	● Guarantee network security and prevent unauthorized users from entering internal local network. ● Filtering: filter-out un-permitted inbound (WAN)/outbound (LAN) Internet access by IP address, port number, packet type and MAC address. ● URL blocking: prevent users to access to specific Web sits on Internet.
Hacker Attack & Intruder Detection	● Support general hacker attack pattern monitoring and logging, as well as general DoS (Denial of Service) event filtering. ● Provide possible occurred hacker attacks information (date/time, source IP, destination IP, protocol, event).
DoS Attack Alerting	● Support real time DoS attack alert and periodical security event log sent through e-mail.
DHCP Server/Client	● Support both DHCP Client & Server that automatically assign/acquire IP addresses to/from network users/ISP. ● Support DHCP log to show current DHCP clients information.
PPPoE Client	● Support PPPoE client function to connect to PPPoE server.
DDNS (Dynamic DNS)	● Allow dynamic public IP address to be located by a host or domain name.
FQDN (Fully Qualified Domain Name)	● Allow users to specify static FQDN to IP address mapping in IPSec function.
UPnP	● Support Microsoft Universal Plug & Play (UPnP) standard.
Dial Backup	● Support dial backup function in case broadband connection fails.
Dial-on-Demand	● Eliminate the needs of dial-up and automatically login to your ISP

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Key Features & Benefits

Idle Timer	●	Let users set a specified idle time before automatically disconnecting Internet connection
System Administration	●	Allow network manager to remotely monitor and/or configure this device with password protection.
System Diagnostic	●	Support system diagnostic tool for easy troubleshooting
Web-Based Management	●	Easy installation and configuration with any standard browser.

Specifications

Hardware	● ● ●	High performance ARM-9 class RISC CPU 16M bytes SDRAM and 1M bytes Flash Memory Asynchronous RS-232 port (230 Kbps) x 1
Network Interfaces	● ●	Ethernet WAN port (10/100 Base-T) x 1, auto crossover Ethernet LAN 4-port 10/100 Base-T switch, auto crossover
VPN	● ● ● ● ● ● ● ● ● ●	IPSec tunneling & pass-through PPTP server/client & pass-through L2TP pass-through IP Authentication Header (AH) IKE "pre-shared key" and "manual key" exchange IKE "main mode" and "aggressive mode" MD5 and SHA-1 authentication IP Encapsulating Security Payload (ESP) Internet IP Security Domain of Interpretation for ISAKMP Internet Security Association and Key Management Protocol (ISAKMP)
Security	● ● ● ●	DES, 3DES AES PAP, CHAP, MS-CHAP (for RS-232 dial-backup) MAC address control
Firewall	● ● ● ● ● ● ● ● ● ●	Prevention of DoS (Denial of Service) Stateful Packet Inspection (SPI) Hacker Attack Logging DoS Attack Alerting NAT natural DMZ Filtering Virtual Server Access Control URL Blocking
Protocols & Standards		WDS; TCP/IP; DHCP client/server ; PPPoE ; PPP; RIP 1/2, static route; ICMP; ARP; NAPT; DDNS; FQDN; UPnP; HTTP; SMTP; PING
Power Supply	●	DC 12V, 1.2A
LED Indicators	●	Power, Status, WAN, Serial, LAN 1, 2, 3, 4

Ordering Information:

**BR-402VE: 4-Port 10/100 Switch VPN Broadband Router
w/2*WAN port**

* Product specification subject to change without notice.

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