

VPN pass-through

Cable Modem with Wireless Router

BWG-3525-E



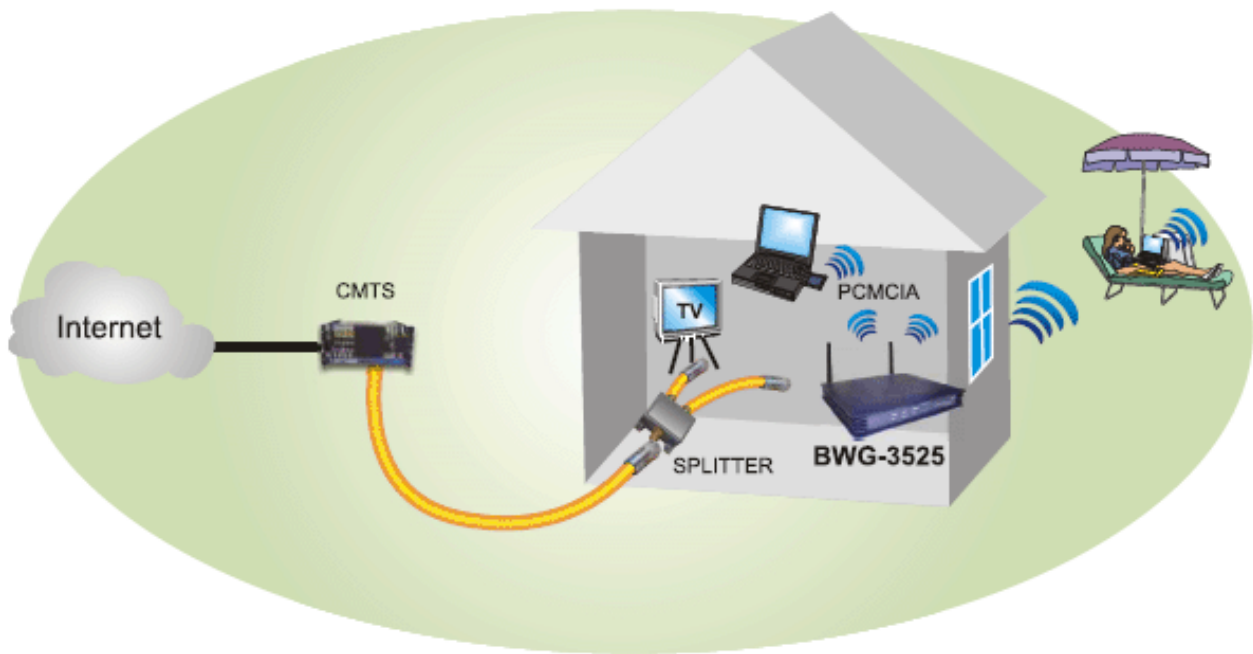
OVERVIEW

BWG-3525-E is a broadband home gateway product with Cable Modem WAN connectivity, it provide users the convenience of accessing Internet securely. BWG-3525-E also incorporates a high-end security firewall dynamic filtering by Stateful Packet Inspection. This provides the latest security technology for the programs and files on your home network. BWG-3525-E already compliant with EuroDOCSIS 2.0 standard, users do not need to consider of purchasing next generation Cable Modem in the near future. BWG-3525-E uses industry standard routing code to the clients with NAT, DHCP, VPN pass-through and DNS solutions without losing the performance.

BWG-3525-E, is designed specifically for the advanced user, SOHO and home networking applications. BWG-3525-E is a cost-effective, high performance broadband product targeting to home networking.

KEY FEATURES

- EuroDOCSIS 1.1/2.0 compliant cable modem with built-in 802.11g wireless LAN access point
- Auto MDI/MDI-X detection RJ-45 10/100BaseT Ethernet switch for access to network resources
- Support 64-bit/128-bit WEP (Wireless Encryption Protocol) provides data security on using wireless LAN. Also can prevent unauthorized access to share the bandwidth.
- Built-in DHCP Server, Firewall and NAT gateway function
- OS-independent, works with all major software platforms
- Extensive SNMP management support: MIB-II, Ethernet-like MIB, Bridge MIB, RF Interface MIB, Cable Device MIB, Baseline privacy Interface MIB
- Browser-based configuration and management
- IP address filtering
- Easy-to-read LED's clearly display network status and activity



TECHNICAL SPECIFICATIONS

Hardware Features

- Compliant to MCNS EuroDOCSIS 1.1/2.0 specifications
- F type RF connector for cable network interface
- Four RJ-45, 10/100 Ethernet Connectors or USB for LAN
- Support as a 802.11G access point
- One 12V power supply

Software Features

- Compliant to MCNS EuroDOCSIS 1.1/2.0 specifications
- 802.1d transparent bridge between RF, Ethernet, USB
- Supports UDP, IP, ARP, ICMP, DHCP, TFTP, SNMP, HTTP
- MAC address filtering based on source addresses in the frame
- IP filtering based on source and destination addresses in the packet
- Baseline privacy based on DES and RSA encryption
- DHCP, TFTP, and ToD clients, provide device auto configuration
- DHCP server support (RFC 1541) for internal network IP addresses
- Firewall with Stateful packet inspection technology
- Application content filtering with ability to restrict access to web applications
- Prevention of Hacker Attacks such as MIMeflood, Octopus, Teardrop, Opentear, Twinge, Smurf, Overdrop, Jolt, Tentacle, etc
- VPN pass-through
- Complete NAT software implemented as per rfc 1631 with port and address mapping
- Support standard SNMP, MIB-II, Ethernet-like MIB, Bridge MIB, RF Interface MIB, Cable Device MIB, Baseline privacy Interface MIB
- Supports TFTP software download
- Power on self-diagnostic
- Browser-based configuration and management
- Easy to install and friendly to user, just plug and play

Mechanical Features

- Nineteen status LED's: Power, Diag, USB, WLAN, Cable Modem (Cable, Receive, Send), (Link/Act, Full/Col, 100Mbps) on Ethernet port 1, 2, 3 and 4.
- Factory default reset button
- Product metrics:
- Dimensions: 30mm (H) x 180mm(W) x 160mm (D)

SATEL S.A.

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