The SMCWTVG integrates the function of a wireless gateway and a VoIP ATA into a compact device. The SMCWTVG is a high speed broadband router that is capable of delivering internet access to several users via the NAT function. The wireless feature can be used in two different operating modes. It can function as an 802.11b/g access point providing service to wireless clients and as a wireless client itself for PC connections to other Wi-Fi networks. All these features combined make this the perfect accessory for any corporate or business traveler.

Integrated wireless ensures this device can provide wireless mobility for each user connecting to the SMCWTVG. Advanced WPA2 and WEP encryption protects a users privacy when using public hotspot networks or in a hotel environment. In addition to encryption, the SMCWTVG supports MAC address filtering and disable SSID broadcast.

For VoIP users the SMCWTVG provides the option to connect an analog phone into the FXS interface for lower cost telephone calls. Combined with either a VoIP service, or VoIP access to your corporate LAN, users can now make voice calls over the internet. And, with the Built-in FXO port users have the ability to place or receive calls via the traditional phone provider without difficulties.

**FEATURES**
- Full VoIP Support
- Integrated 802.11b/g Wireless
- Easy Setup and Installation
- Built-in Security for wireless and wired users

**BENEFITS**
- VoIP technology provides users the capability of voice communication over IP networks (Internet).
- Wireless Access point mode is used for providing wireless client access, and client mode allows the SMCWTVG to connect to another wireless access point within range.
- The easy-to-use setup wizard will help you to install the SMCWTVG with just a few easy clicks.
- Gateway features like Network address translation (NAT), SPI firewall and VPN pass-through provide the capability of constructing secure networks. Advanced WPA2 and WEP encryptions will ensure the users privacy while using the wireless functionality of the SMCWTVG.
TECHNICAL SPECIFICATIONS

SMCWTVG

PORT
• One Wan 10/100 BaseT Ethernet Connection to a ADSL/ Cable modem
• One LAN 10/100 BaseT Ethernet connection to connect to a PC
• RJ-11 voice interface, FXS for connecting to a standard analog telephone
• RJ-11 voice interface, FXO for receiving calls on your regular PSTN line

GATEWAY FEATURES
• NAT/NAPT
• DHCP
• PPTP
• Static IP

NETWORKING
• DNS
• DNS Relay
• Dynamic DHC
• Syslog
• Virtual DMZ
• Virtual Server
• VPN pass-through
  * L2TP
  * PPTP
  * IPSec
  * UPnP
  * SNTP
  * QOS
  * 2 Priority levels
  * QOS supports DSCP
  * 802.1x
  * EAP:TLS

SECURITY
• SPI Firewall
• DoS attack Protection:
  * IP Spoofing
  * Land Attack
  * Ping of Death
  * Smurf Attack
  * TCP null scan
  * SYN flood
  * ICMP defect

WIRELESS FEATURES
• Wireless: IEEE 802.11b/g
• 3 modes
• AP mode
• Client mode
• QOS: 802.11e(WMM)

VOIP FEATURES
• Voice signaling protocol: SIPv2
• Voice Codec
  * G711a-law/u-law
  * G.726
  * G729A/B
• Voice quality
  * VAD ( Voice Activity Detection)
  * CNG( Comfortable Noise Generation)
  * Echo Cancellation ( G.165/G.160 echo canceller)
  * Adaptive Jitter Buffer
  * DTMF tone detection and generation
  * Call Progress Generation
  * Custom tone Generation
  * Call features
  * Call transfer
  * Call waiting/Hold/Retrieve

PERFORMANCE
• Call-ID block
• Do not Disturb Setting
• Call Return
• Distinctive Ringing

• RF output power
  * 802.11b: 18dBm
  * 802.11g: 14dBm
• RF data rate ( automatic fall back)
  * 802.11b: 1/2/5.5/11Mbps
  * 802.11g: 6/9/12/18/24/26/54 Mbps

DIMENSION
• 24.7 mm X 107.5 mm X 78.67 mm (HxWxD)

POWER SUPPLY
• Input AC :100~240V 0.3A 50-60Hz

ENVIRONMENT
• Temperature: IEC 68-2-14
• -10 C to 50 C ( standard Operating)
• -40 C to 70 C ( Non-operation)
• Humidity 5% to 95% (Non condensing)
• Vibration: IEC 68-2-36 , IEC 68-2-6
• Shock: IEC 68-2-29
• Drop: IEC 68-2-32

EMISSIONS/SAFETY
• Safety: UL/cUL (UL60950) CB EN60950
• EMC: FCC part 15B class B, FCC part 15C FCC part 68,
  CE EN55022 Class B
• EMS: CE en55024, CE EN 300328, CE EN301489

MANAGEMENT
• Web-based management
• Firmware Upgrade Via HTTP Web Interface

Contact

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