

SOHORouter G511

11g Wireless ADSL Modem Router w/4 port 10/100 switch



Features

- ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) and G.992.2 (G.lite) compliant for Annex A
- ITU-T G.992.1 (G.dmt) Annex B / ETSI TS 101 388 /DTS TM-06006 for Annex B (ETSI)
- ITU-T G.992.1 Annex B - Deutsch Telecom / U-R2 for Annex B (U-R2)
- Downstream and upstream data rates up to 8Mbps and 1Mbps
- Reaches up to 18K feet in distance
- Configuration and management operated via WWW browser with password protected access
- Firmware upgrade via FTP
- WAN and LAN side connection statistics
- Selection of Bridge or Router Mode
- Up to 8 ATM VCs
- Supports 54Mbps Wireless data rate
- Compatibility with IEEE802.11g and 802.11b (2.4GHz) standards
- Wireless security with upto 128-bit WEP encryption
- Support 802.3 and IEEE 802.3u 10/100 Mbps
- Share your ADSL Internet access on your wireless and Ethernet Networks
- DMZ and Virtual Server function provided Operating modes include routing, bridge, static IP, PPPoE, PPPoA etc.

ADSL Features

- Compatible with all leading DSLAMs
- Supports DMT modulation and demodulation
- Support ITU-T G.992.1 Annex A & T1.413 Issue 2 for Annex A
- Supports ITU-T G.992.1 (G.dmt) Annex B / ETSI TS 101 388 / DTS TM-06006 for Annex B
- Supports ITU-T G.992.1 (G.dmt) Annex B - Deutsch Telecom / U-R2 for Annex B (U-R2)
- G.992.1 (G.dmt) : Downstream and upstream data rates up to 8 Mbps and 1Mbps
- G.992.2 (G.Lite) : Downstream and upstream data rates up to 1.5 Mbps and 512Kbps
- Tone detection for low power mode

ATM Features

- WAN Mode Support : PPP Over ATM (RFC2364) and PPP Over Ethernet (RFC2516)
- LAN Mode Support : Routed / Bridge Ethernet Over ATM (RFC-2684)
- Classical Internet Protocol Over ATM (RFC-1577)
- Support ATM SAR, ATM AAL5, ATM Forum UNI3.1 / 4.0 PVC and support up to 8 PVCS

Wireless Features

- Support 802.11g and 11b Wireless Access Point
- Support 128-Bit and 64-Bit WEP encryption
- Data rate: upto 54Mbps
- Transmit power: 15dBm
- Receive sensitivity: 11Mbps : -80dBm
54Mbps : -65dBm

Management Features

- Firmware upgrade via FTP
- Customizable Web pages
- WAN and LAN side connection statistics
- Configuration of static routes and Routing table
- Configuration of NAT / NAPT
- Password protected access
- Selection of Bridge or Router Mode
- PPP user ID and password
- Configuration of VCs (Virtual Circuits)

Physical Interfaces

- ADSL Modem / Router with four RJ-45 10/100 Base-Ethernet port & an ADSL port
- ADSL Status, Power and switching hub LED indicators

Bridge Mode

- Ethernet to ADSL self-learning Transparent Bridging (IEEE 802.1D)
- Supports up to 128 MAC learning addresses

Router features

- DHCP Server and Client
- NAT (Network Address and Port Translation)
- ICMP (Internet Control Message Protocol)
- IGMP (Internet Group Management Protocol)

Security Features

- Password protected configuration access
- User authentication (PAP / CHAP) with PPP

Ethernet interface

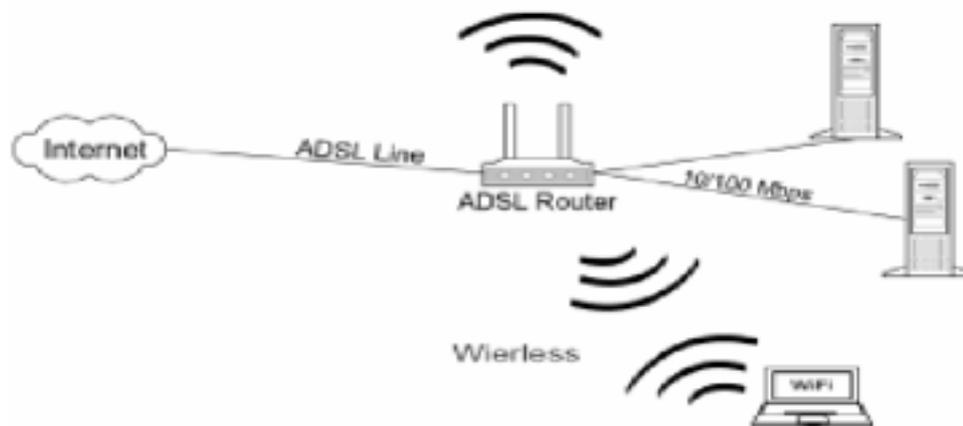
- Compliant with IEEE 802.3 and 802.3u 10/100 Mbps
- All Ethernet ports support auto-crossover (MDI/MDI-X)

DSLAM Compatibility

Interoperable with Alcatel, Cisco, Copper Mountain, ECI, Texas Instruments, Paigain, Samsung, Lucent, Globespan, Efficient, ADI, Centillium, Newbridge, Nortel, Compaq, Conexant, Motorola, 3 Com, NLC, Anymedia, Nokia, Intel.

Regulatory Approvals

- FCC Part 15 class B & Part 68
- CE Mark



Ordering Information:

**AWR-G511: 11g Wireless ADSL Modem Router
Integrated 4 port 10/100Mbps switch**

* Product specification subject to change without notice