SOHORouter S511
11g 108Mbps Wireless ADSL2+ Router

Features

- ITU-T G.992.1(G.dmt) and G.992.2 (G.lite) compliant for Annex A, B
- ITU-T G.992.3, G.992.4 for ADSL2
- ITU-T G.992.5 for ADSL2+
- Downstream and upstream data rates up to 24Mbps and 2Mbps
- Configuration and management operated via WWW browser with password protected access
- Firmware upgrade via FTP
- WAN and LAN side connection statistics
- Support Super-G 108Mbps Wireless data rate
- Compatibility with IEEE 802.11g and 802.11b (2.4GHz) standards
- Wireless security with up to 128-bit WEP Encryption
- All Ethernet ports support Auto-Crossover (MDI/MDI-X) - No need for crossover cables
- Compliant with IEEE 802.3 and IEEE 802.3u 10/100 Mbps
- Share your ADSL2+ 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 G.992.3, G.992.4, G.992.5 Annex A
- 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.992.2 (G.Lite) : Downstream and upstream data rates up to 8Mbps and 1Mbps
- G.992.3 / G.992.4 (ADSL2) : Downstream and upstream data rates up to 12Mbps and 1Mbps
- G.992.5 (ADSL2+) : Downstream and upstream data rates up to 24Mbps and 2Mbps

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
- Supports 16 ATM VCs

Wireless Feature

- Support IEEE 802.11g, 802.11b and Super-G Wireless Access Point
- Support 128-Bit and 64-Bit WEP encryption, WPA-PSK, 802.1x
- Data rate : Up to 108Mbps
- Transmit Power : 15 dBm
- Receive Sensitivity : 11Mbps   -80dBm / 54Mbps   -65dBm

Management Feature

Firmware upgrade via FTP
Customize 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)

Specification

Physical Interfaces
ADSL Modem / Router with four RJ-45 (10/100 Base-T)
Ethernet port & an ADSL port
ADSL Status 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
NAPT (Network Address and Port Translation)
NAT (Network Address Translation)
ICMP (Internet Control Message Protocol)
IGMP (Internet Group Management Protocol)
DDNS (Dynamic Domain Name Service)

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

SOHOROUTER

Ethernet Features
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, Pairgain, 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, EN 55022, EN 55024, EN 50081-1

Ordering Information:

A2WR-S511A: 802.11g 108Mbps ADSL2+ Router (embedded with 4 port 10/100Mbps switch) Annex A

A2WR-S511B: 802.11g 108Mbps ADSL2+ Router (embedded with 4 port 10/100Mbps switch) Annex B

* Product specification subject to change without notice