



SOHORouter A2R-110

1 port 10/100 Switch ADSL 2+ Router

Features

- ANSI T1.413 Issue 2, 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 up to 24Mbps and 2Mbps
- Configuration and management operated via WWW browser with password protected access
- Firmware upgrade via FTP
- All Ethernet ports support Auto-Crossover (MDI/MDI-X) - No need for crossover cables
- Compliant with IEEE 802.3 and IEEE 802.3u 10/100Mbps
- Share your ADSL2+ Internet access on your Ethernet Networks
- DMZ and Virtual Server function provided operating modes include routing, bridge, static IP, PPPoE, PPPoA etc

ADSL Features

- Supports DMT modulation and demodulation
- Support ITU-T G.992.1 G.992.3, G.992.4, G.992.5 Annex A & T1.413 Issue 2 for Annex A, 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 8Mbps and 1Mbps
- G.992.2 (G.Lite) : Downstream and upstream data rates up to 1.5Mbps and 512Kbps
- G.992.3 / G.992.4 (ADSL2) / G.992.5 (ADSL2+) 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)
- CBR / UBR / UBR with PCR Shaping / VBR-rt / VBR-nrt
- Supports 8 ATM VCs

Ordering Information:

A2R-110A: 1 port 10/100Mbps Switch ADSL2+ Router, w/1*USB port, (Annex A)

A2R-110B: 1 port 10/100Mbps Switch ADSL2+ Router, w/1*USB port, (Annex B)

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 one RJ-45 (10/100 Base-T) Ethernet port & an ADSL port & one USB port
ADSL Status and switching hub LED indicators

Bridge Mode

Ethernet to ADSL self-learning Transparent Bridging (IEEE 802.1D)

Router Mode

DHCP Server and Client
NAPT (Network Address and Port Translation)
NAT (Network Address Translation)
ICMP (Internet Control Message Protocol)
DDNS (Dynamic Domain Name Service)

Security Features

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

Ethernet Features

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

Regulatory Approvals

FCC Part 15 class B & Part 68
CE Mark, EN 55022, EN 55024, EN 50081-1

* Product specification subject to change without notice

