



SD1000 Internet Sharer

**Economic Internet Sharing and Simple Routing
Device for Small Offices**

Overview

Small offices no longer need to invest in costly network equipment to access the Internet. After a few simple steps, small offices can easily start sharing Internet services such as Web browsing, Telnet, or e-mail, but with minimal cost.

SD1000 Internet Sharer is a simple, yet powerful internet sharing device that gives you simultaneous multi-user Internet access by sharing one phone line, one modem, and one Internet account. With four 10BaseT LAN ports connected to four local users, SD1000 establishes shared Internet access via one modem attached to a high-speed RS-232 port. Functions such as dial-on-demand, IP address translation, and virtual e-mail addresses, are easily provided for each user in the most cost-effective way. One uplink switch is designed for direct hub connection using only port one.

SD1000 Internet Sharer can also be used to economically connect small offices to head offices. By dialing up a MOXA Async Server in the head office, SD1000 can be used for enterprise network access by acting as a simple router and hub to users in small offices.

Features

- 56 Kbps and ISDN high-speed connectivity allows multiple users to simultaneously access the internet using only one dial-up line, one modem, and one ISP account
- 64 built-in virtual mailboxes for networks with no mail server
- Easy windows based installation with monitoring program
- Dial-on-demand and auto-disconnection
- 4 LAN ports, allowing multiple users to connect to the Internet simultaneously
- 1 uplink switch designed for direct hub connection using only port one

- Compatible with most operating systems
- Compatible with the web browsers Internet Explorer and Netscape; compatible with FTP, Telnet, and e-mail service applications
- Plug & Play, easy for installation
- Fully compatible with ISP dial-up PPP protocol
- Provides security and natural firewall

Benefits

- Device sharing reduces cost
- Account sharing saves service charge
- Bandwidth sharing maximizes usage
- Virtual leased line connection
- Multiple mailboxes at no extra charge

Applications

- Multi-User internet access for small offices
- Economic corporate intranet access for branch office connectivity

Specifications

Hardware

Memory	512 KB RAM
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Interface

LAN	4 10BaseT ports with RJ-45 connector and one uplink switch for port one
WAN	1 RS-232 port with DB9 connector
LED indicator	Power, Collision, Link/Receive, Modem Ready, COM Port status

Performance

Speed	230.4 Kbps
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Software

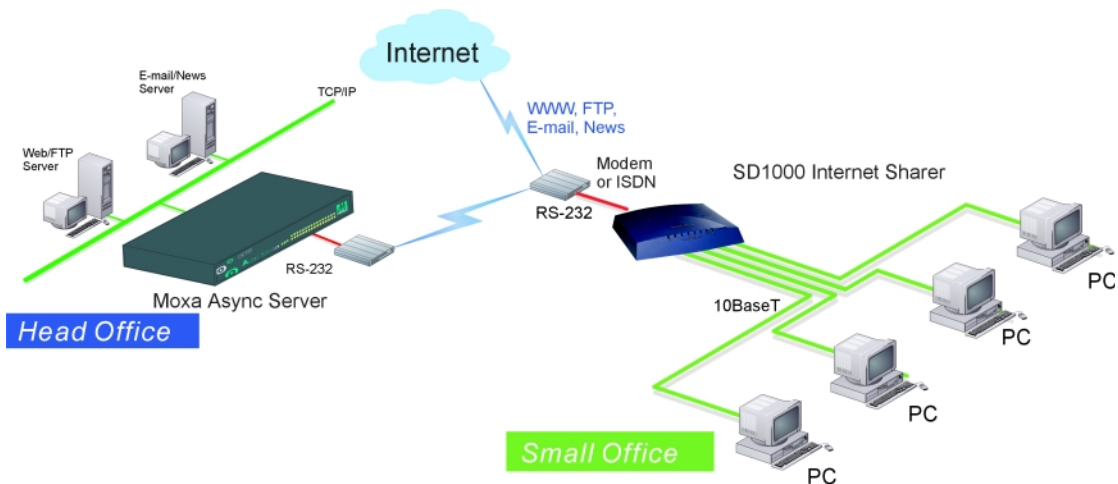
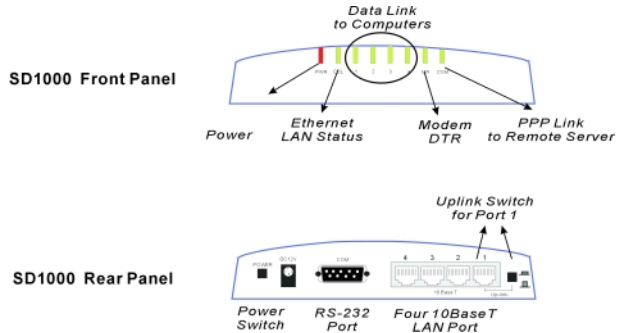
Protocols	NAT, TCP/IP, Telnet, HTTP, SMTP, POP3, NNTP, FTP, IRC, Gopher
Security	DHCP PAP/CHAP
Number of TCP sessions	64 concurrent
Virtual e-mail boxes	64
Connection	Dial-On-Demand and automatic disconnection

Operation & Environment

Power requirements	DC 12V power adapter (DIN Plug Type), 1.2 A
Operating temp.	0 – 55°C
Operating Humidity	5 – 95%RH
Storage Temp.	-20 – 85°C
Dimensions	180 x 130 x 30 mm (W x D x H)
Package weight	1.3 kg

Ordering Information

SD1000/110V	Internet Sharer with one RS-232 port; 4 10BaseT Ethernet ports; 110V power adapter
SD1000/220V	Internet Sharer with one RS-232 port; 4 10BaseT Ethernet ports; 220V power adapter
All items include	<ul style="list-style-type: none"> • Network Communications CD-ROM • User's Manual



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® **Moxa Technologies Co., Ltd. (Headquarters)**
 Fl.4, No.135, Lane 235, Pao-Chiao Rd., Shing Tien City, Taipei, Taiwan, R.O.C.
 Tel:+886-2-8919-1230 Fax:+886-2-8919-1231
 info@moxa.com.tw

USA
Moxa Networking, Inc.
 Tel:+1-732-738-4303 Fax:+1-732-738-4884
 info@moxa.com

Germany
Moxa Technologies GmbH
 Tel:+49 2405-462766 Fax:+49 2405-462799
 info@moxatech.de

China
Moxa Tech Beijing, Inc.
 Tel:+86-10-6872-3960/61 Fax:+86-10-6872-3958
 moxa@moxa.com.cn