

AX 4000 Office Server

Ethernet TCP/IP Communication Server

4 or 8 serial ports for terminals, printers and modems

■ Communication

- 1 Ethernet TCP/IP port (10BaseT)
- 4 or 8 RS-232 serial ports:
 - speed up to 115.2 Kbps
 - embedded modem feature

■ Network Services

- Terminal server (client telnet and server telnet)
- Print server (lpd and rcmd)
- Serial port server (client tty and server tty)

■ Administration

- Management: remote via telnet or local via the admin port
- Firmware downloading (flash memory)
- Extensive statistics
- Individual port reset
- Visual diagnostics (status leds on front panel)

Designed and manufactured by Axel, the AX 4000 Office Server offers **flexible and cost-efficient** connections for various serial peripherals in TCP/IP LAN environments.

Technical Specifications

■ Ethernet TCP/IP Interface

The Office Server TCP/IP Ethernet interface (10BaseT/RJ45) is IEEE 802.3 compliant. The embedded TCP/IP stack allows simultaneous connections to multiple hosts, sub-net access and routing table management.

■ Serial RS-232 Ports

Each of the 4 or 8 RS-232 serial ports can have its communication parameters and associated network services individually set.

Communication

Speed: from 300 to 115200 bps

Signals:
Tx, Rx, DTR, DSR, RTS, CTS and DCD

Handshake:
XON/XOFF, XPC, DTR, RTS/CTS

Modem:
- dial-in and dial-out
- reset and init HAYES sequences

Associated Network Services

client telnet: serial terminals connected to the network

server telnet: virtual port control or gives LAN access to systems with no Ethernet connectivity (reverse telnet)

lpd and rcmd: printer connections

tty client: access to bi-directional peripherals via a Unix pty

tty server: access to bi-directional peripherals via a socket

■ Set-Up

Remote mode: the Axel Office Server can be managed from any network point by a telnet connection or rsh/rcmd command.

Local mode: a switch sets a serial port to the administrator mode. A standard serial terminal can then be used to configure the Axel Office Server.

■ Administration

Visual Diagnostic: leds, located on the front panel, provide data traffic information.

Operating Mode: statistics for Ethernet TCP/IP and serial ports provide easy monitoring of usage and network traffic.

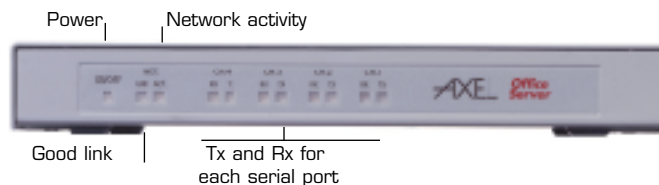
Reset: each serial port can be reset via a telnet connection or rsh/rcmd command.

Configuration backup: Axel Office Server settings can be saved to a text file.

■ Firmware Downloading

The Axel Office Server is equipped with flash memory. This enables it to be upgraded in future, simply by downloading firmware using tftp or bootp protocols.

■ AX 4010 Front Panel



■ Specification

	AX 4010	AX 4020
RS-232 port	4 RJ45 ports with RJ45/DB9 converters	8 RJ45 ports with RJ45/DB9 converters
Dimensions (mm)	197x115x27	277x120x34