

SX-520 **10/100 Ethernet Serial Device Server**



Easily connect, access and monitor RS232 serial devices over the network

Connectivity Solutions from the Experts in Device Connectivity

The SX-520 serial device server provides the easiest method to connect, access, and monitor RS232 serial devices over a network. Connecting serial devices over a network extends the life of legacy equipment allowing them to work with newer networked systems. Network connectivity enables remote access for easy management resulting in improved efficiency, time savings and reduced operational expense.

Using Silex's SX Virtual Link software for Serial Com Port Emulation allows for easy integration with existing PC applications not designed for network communications.

Connectivity that Works

Connecting serial devices to a network sounds easy, but serial data was never meant to communicate over TCP/IP networks. The experts at Silex Technology have over 35 years providing complex connectivity solutions for leading technology companies in demanding environments.

Complexity made Simple

The SX-520 provides industry leading simplicity for connecting serial devices to a network. Designed to provide the easiest and quickest way to connect and communicate with RS232 serial devices. Using the included setup utility and Silex's exclusive Auto Find and Connect feature takes the guess work out of device connectivity.

Industry Leading Quality

The SX-520 is designed to meet the demanding performance requirements of critical applications. Each SX-520 is individually tested and inspected to ensure the highest quality resulting in greater performance and reliability.

✚ Features:

- 32bit Arm Processor
- 2MB Read Only Memory (ROM)
- 8MB Random Access Memory (RAM)
- Industry Standard DB9M DTE RS-232C serial port
- RFC-2217 automated control of serial baud rates control lines
- Auto sensing 10/100 RJ45 Ethernet interface
- Silex's exclusive Auto Find and Setup utility
- Silex's SX Virtual Link Serial Com Port Emulation software
- Easy firmware updates using FTP or Internal Web Interface

✚ Benefits:

- Extend the life of legacy serial devices and equipment
- Remotely access and control equipment over the network
- Quick and simple installation

✚ Device Connectivity:

Virtually any RS232 serial device can be connected to a network including but not limited to;

- Medical Point of Care
- Industrial Equipment
- Weight Scales
- CNC Machines
- Security Systems
- Point of Sale Display
- Digital Signs
- RFID Readers

Key Features

Model	SX-520
Network	10 Base-T/100 Base-TX
Protocols	TCP/IP, ARP, IP, ICMP, TCP, UDP, DHCP, BOOTP, FTP, HTTP, HTTPS, WINS, SXSPE, UDP Multicast
Serial Port	1 RS232C DB9M
Serial Communication	Baud Rate: 300bps - 921Kbps Data Length: 7 or 8 bit Parity: Even, Odd, None Stop Bit: 1 or 2 Flow Control: xon/xoff, rts/cts, none Supports RFC 2217
Dimensions	125.8 x 75.2 x 24.1 mm 4.95 x 2.957 x 0.948 in (L x W x H)
Weight	335g 11.8 oz
Environmental	Storage Temperature -20° to +70°C Operation Temperature 0° to +50°C Relative Humidity 0% to 90%
Input Power	5 vdc, 0.6A, (3W)
Security	Login Password, TCP Protocol Filter, IP Filter, SSL (DES, 3DES, AES-128, AES-256)
Agency	VCCI Class-B, FCC Class-B, IEC IP40
Supported OS	Windows 2000 / XP / Vista / 7 Windows Server 2003 / 2008

Ordering Information

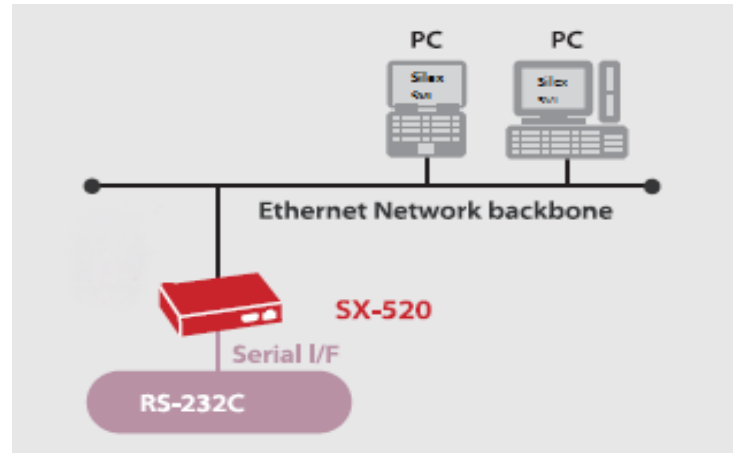
Part Number: SX-520-0031
Single Port RS232C Serial to 10/100 Ethernet Device Server
Includes Quick Start Guide, Software, U.S. Power Supply



Application Examples

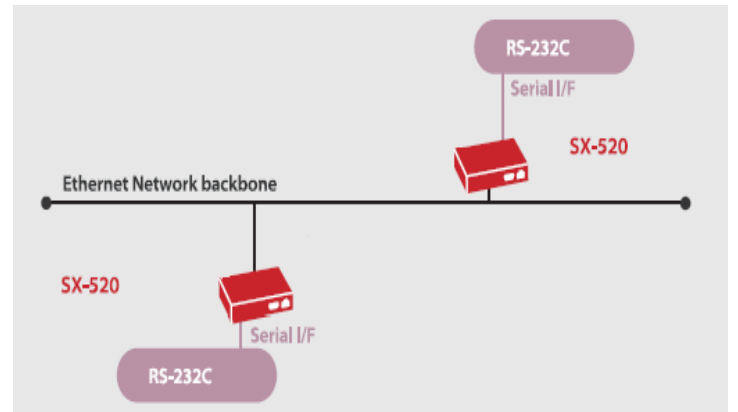
Serial Port Emulation:

The SX-520 includes Silex's serial port emulation software allowing Windows software applications that communicate directly to a serial port to now communicate over the network to the serial device attached to the SX-520.



ECable Mode:

The SX-520 features Silex's ECable mode allowing serial data to be tunneled over the network between devices connected to SX-520s. Using the SX-520 UDP Multicast capabilities data can be sent from a PC to two or more SX-520s simultaneously.



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