

SX-500 series

Wireless/Wired Serial Device Servers

The SILEX SX-500 series contains two Serial Device Servers:

Wired model	SX-500-0033
Wireless/Wired model	SX-500-1033



Network your Serial Devices Wirelessly or via Ethernet

Flexible

The SX-500 serial server family allows sharing serial devices on ethernet or wireless networks. The series contains one wired model and one wireless/wired model, that provides 802.11g WLAN connectivity in addition to the Ethernet. The provided Serial Port Emulator software allows easy integration with existing PC applications.

Secure

The SX-500 serial servers include enterprise-level security features including access control lists, read and write configuration passwords, and SNMP community name configuration. The wireless/wired model also adds 802.1x authentication EAP with TLS, TTLS, LEAP, PEAP or FAST. It supports Open System or Shared Key with WEP encoding as well as WPA (WPA-PSK) and Enterprise modes, which utilize improved encryption WPA2 with TKIP and AES.

Rugged

The enclosure is made of rugged pre-plated galvanized steel with an IP40 industrial-grade rating. Side flange mounts allow for permanent installation on virtually any surface. The unit can withstand electrostatic discharges as high as 15 kV at the serial connector.

Application examples

- Industrial Automation
- Building Automation
- Medical Devices
- Transportation/Logistics
- Access Control
- POS (Points of Sale)
- LED signs
- Serial Printers
- M2M and SCADA applications
- Virtually any other products with a Serial Port

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Specifications

Device Interface	Single serial port:RS-232
Network Interfaces	- IEEE 802.3i (10Base-T) + 802.3u (100Base-TX) - IEEE 802.11b/g (SX-500-1033 only)
Supported Protocols	- TCP, Telnet, ICMP, SNMP, DHCP, BOOTP, Auto IP, HTTP, SMTP, TFTP, SLP, DNS, Dynamic DNS
Configuration	- Web browser, ExtendView - Console accessible via serial port or Telnet
Power supply	Provided power adapter or through Pin 9
Power consumption	- Wired usage: 500 mA @ 5 VDC - Wireless usage (SX-5001033 only): 800 @ 5 VDC
Regulatory approvals	CE, EMC standards
Dimensions	125 x 75 x 24 mm
Weight	330 g
Other Features	- Serial Port Emulator software (Windows 2000/XP/Server 2003 32 bit) - ExtendView Utility (GUI) - Simple Network Management Protocol (SNMP) MIB I + II; IP - Firmware upgrade via TCP/IP (master mode TFTP, slave mode TFTP, or BOOTP); multiple servers may be downloaded simultaneously
Wireless Security Wireless Features (SX-500-1033 only)	- Security: WPA and WPA2 (personal and enterprise modes), PAP, MS-CHAPv2, 802.1x EAP with TLS/TTLS/ LEAP/PEAP/FAST, WEP - Variable data rates: 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2 and 1 Mbps - Frequency band: 2.4 GHz ISM Band

SILEX facts

SILEX TECHNOLOGY can look back on more than 30 years of experience and quality. Many leading manufacturers of IT peripherals make use of technology from SILEX TECHNOLOGY and provide this as an OEM (Original Equipment Manufacturer) component for their own products. Products like print servers, USB device servers or serial device servers as well as biometric products or a unique wireless iPod solution offer you your own choice of SILEX products to explore their advantages and experience the quality leading manufacturers have been trusting for many years.

SILEX also provides outstanding customer service. SILEX TECHNOLOGY offers unlimited support for each and every SILEX product. For high-quality products as these, this is an easy task. But furthermore the service is free and available to our customers through the following communication channels: free telephone support, e-mail support as well as online support. The online support function is available in situations that require additional effort. In this case, the SILEX support technician connects remotely to your system and shows you directly on your display how to implement the solution. You can also at any time participate in the ongoing development of SILEX products. Firmware upgrades are available to you for downloading from our website free of charge.

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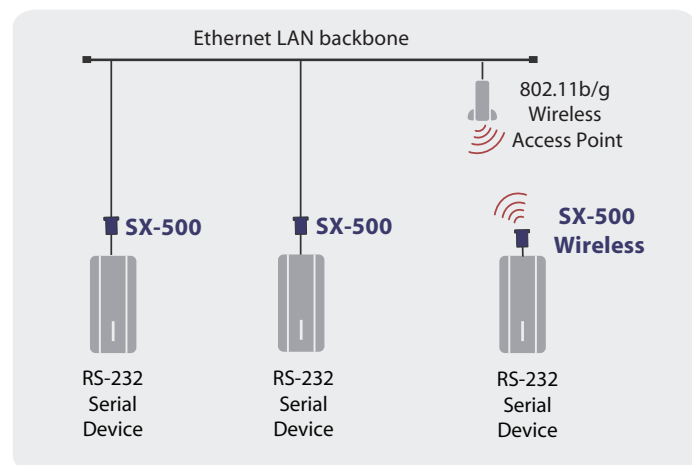
SX-500 series



Easy to Manage

In addition to a built-in web browser interface, silex provides ExtendView, a Windows utility for easy configuration and management. A console accessible via Telnet or the serial port is available for more sophisticated diagnostics and configuration. The SX-500 series is also compatible with the Simple Network Management Protocol (SNMP) for compatibility with most popular network management systems. The included Serial Port Emulator software allows you to configure virtual serial ports on a Windows system (for example, COM3) that redirect all of the data out to the silex serial servers on your network allowing you to continue use of your current applications.

Network example



Order No. Wired Serial Device Server: SX-500-0033
Order No. Wireless/Wired Serial Device Server: SX-500-1033

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