



Wireless Device Server

- ▶ Wirelessly monitors, manages, and controls serial devices over Ethernet
- ▶ Replaces limited-distance point-to-point serial connections
- ▶ Supports RS-232, RS-422 and RS-485 devices, 10Base-T/100Base-TX Ethernet, and Wireless Card Interface
- ▶ Type I/II PCMCIA interface supports wireless LAN adapters, storage cards, analog and cellular modems
- ▶ Configurable via EZWebCon Java utility or through the built-in web server

Wirelessly Network-Enable Your Serial Devices Quickly and Easily

The MSS-VIA Device Server lets you connect serial devices to IP-based Ethernet networks, quickly and easily.

The MSS-VIA lets you replace limited distance, point-to-point serial connections. Now, you can remotely monitor, manage, and share connected devices over a wired or wireless network or the Internet.

Using a method called serial tunneling, the MSS-VIA encapsulates serial data into packets and transports it over Ethernet. Using two MSS-VIAs, connected by a network, virtual serial connections can be extended across a facility or around the world.

Our approach to network-enabling devices is transparent to your attached devices and software. So, you won't need to change the way you work, and there's no need to develop special software to take advantage of Ethernet networking.

The included redirection software simplifies your integration process by extending the functionality of your COM-port-based Windows® applications. With virtual COM ports, mapped to remote device servers on the network, you can replace direct serial connections.

The built-in PCMCIA interface of the MSS-VIA can bridge your attached serial device to a wireless network, add storage for data logging, or allow remote dial-up using a modem with the appropriate PC card installed.

The included EzWebCon Java-based configuration software simplifies installation and setup. The MSS-VIA can also be set up from a web browser, utilizing the MSS-VIA's built-in web server. It can also be set up remotely using Telnet, or locally through a serial port.

Flash memory provides for maintenance-free non-volatile storage of configuration information, and allows future system software upgrades.

If you're looking for a transparent, cost-effective, and scalable means to network-enable your serial devices, look no further than Lantronix.



Features

Serial Interface (Port 1)

Interface: RS-232, RS-422, or RS-485
 Connector: DB25 (Male, DTE configuration)
 Data Rates: 300 to 230,400 bps
 Characters: 7 or 8 bit
 Parity: odd, even, mark, space, or no parity
 Stop Bits: 1 or 2
 Control Signals: RTS, CTS, DSR, DTR, CD
 Flow Control: XON/XOFF, RTS/CTS, or none

Serial Interface (Port 2/Console)

Interface: RS-232
 Connector: DB-9 (Male, DTE configuration)
 Data Rates: 300 to 230,400 bps
 Characters: 7 or 8 data bits
 Parity: odd, even, mark, space, or no parity
 Stop Bits: 1 or 2
 Control Signals: RTS, CTS, DSR, DTR
 Flow Control: XON/XOFF, RTS/CTS, or none

Network Interface

Interface: Ethernet 10Base-T/100Base-TX
 Connector: RJ45
 Standards: ARP, RARP, ICMP, SNMP, UDP/IP, TCP/IP, BOOTP, DHCP, WINS, TFTP, FTP, rlogin, Telnet, and HTTP

PCMCIA Interface

Type I/II PC card supports wireless LAN adaptors, storage cards, analog and cellular modems

PC card URL

http://www.lantronix.com/products/pc_card_index.html

Indicators (LED)

Serial (green)
 OK (green/yellow)
 PC Card (green/yellow/red)
 100 (green)
 Link (green)

Management

SNMP, serial login, Telnet login, internal web server
 Power

Power

Input: 7 to 24 VDC input, 0.8A max. @ 12 VDC,
 AC adapter included
 Environmental
 Operating: 5° to 50°C (41° to 122°F)
 Storage: -40° to 66°C (-40° to 151°F)

Packaging

Material: Metal case
 Dimensions: 2.5 x 14.6 x 17.1 cm
 (1.0 x 5.75 x 7.0 in)
 Weight: 0.58 kg (1.3 lbs)

Agency Approvals

FCC(A), C/UL, CSA, CE, TUV

Warranty

1-year limited warranty

Shipping Dimensions

Dimensions: 7.0 x 33.6 x 17.1 cm (2.75 x 13.25 x 6.75 in)
 Weight: 1.63 kg (3.6 lbs)

Included Software

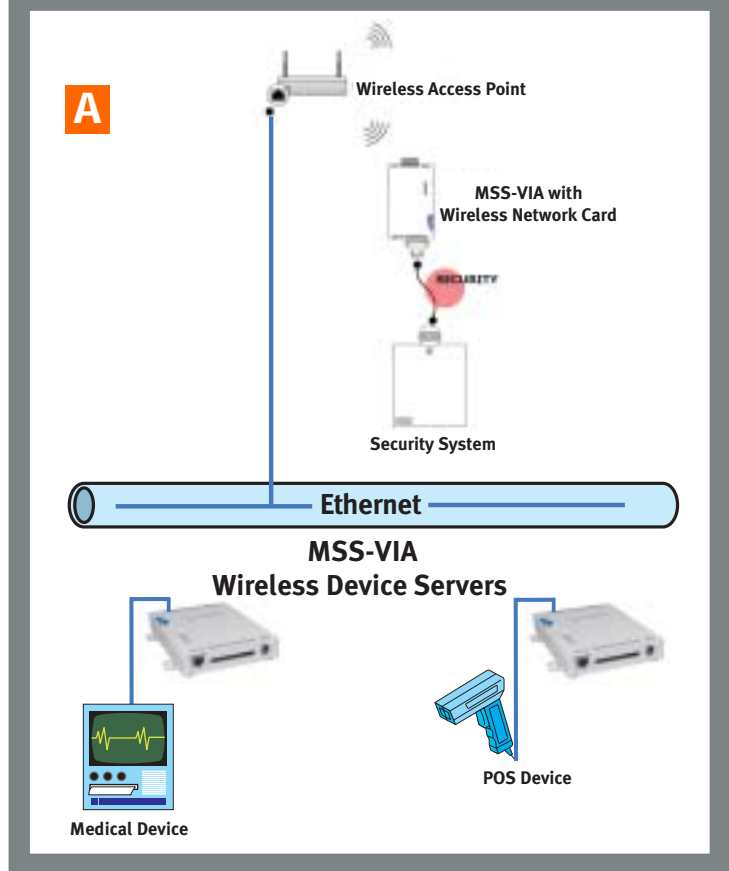
EZWebCon configuration software, DeviceComm Manager
 Com Port redirection software, and related utilities

Ordering Information

MSS-VIA-A-01 (100-240 VAC universal power supply,
 50/60 Hz adapter)

Device Server: (1) RS-232, RS-422/485 (DB25) serial port,
 (1) RS-232 (DB9) serial port, 10Base-T/100Base-TX
 Ethernet, (1) type I/II PCMCIA interface, diagnostic LEDs, AC
 power adapter, CD-ROM with configuration tools and
 documentation, printed Quick Start Guide.

Example Configuration



LANTRONIX®

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