

# MultiConnect™ SE

## Serial-to-Ethernet Device Server



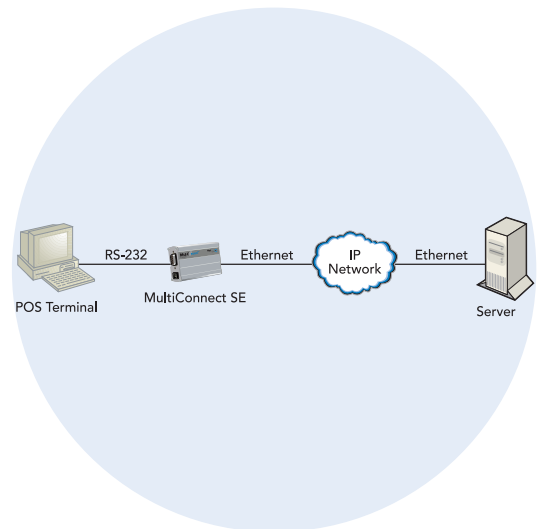
The MultiConnect™ SE serial-to-Ethernet device server connects serial devices to an IP network for remote monitoring, control and configuration. The device server provides a high performance Ethernet bridge as well as a complete TCP/IP protocol stack. It can make your existing and next generation device, machine, or system IP-ready while you focus on developing its core features.

### Features

- Serial interface supports DTE speeds to 230K bps
- High performance 10/100BaseT Ethernet bridge over a serial connection
- External and RS-232 power options
- High performance processor runs ARP, Bridging DHCP, DNS, FTP, HTTP, ICMP, IP, POP3, SMTP, SNMP, SNTP, TCP, Telnet, TFTP and UDP protocols
- Half or full duplex support on the Ethernet interface
- Web based or command line configuration
- Flash memory to update firmware with the latest enhancements
- Desktop or panel mounting
- Two-year warranty

### Benefits

- IP-enable virtually any serial device
- Flexible IP protocol stack
- Compact, rugged industrial chassis



## Highlights

**Applications.** The MultiConnect SE device server will IP-enable virtually any device to provide for remote monitoring, control and configuration. The solution is ideal for the following applications:

- Appliances
- ATM terminals
- Credit card and check verification systems
- Data collection
- Industrial and medical remote monitoring systems
- Point-of-sale terminals
- Remote diagnostics
- Remote metering
- Security systems
- Ticketing machines
- Vending/gaming machines
- And more...

**Serial-to-Ethernet Device Server Technology.** The MultiConnect SE device server provides the powerful ability to IP-enable serial devices allowing more options for data acquisition, device management, and industrial control than would otherwise be available. It includes a processor, operating system, TCP/IP stack, Web server and a network connection to provide a complete serial-to-Ethernet bridge. Using the embedded Internet protocols and a connection to an IP network, it encapsulates the serial data into packets and sends and receives it over your Internet or Intranet connection.

**Reduces Development Time.** The MultiConnect SE device server can make your existing and next generation serial device IP-ready without requiring hardware changes to its design. It actually provides faster time-to-market because it relieves the burden and expense of writing and maintaining Internet applications. The complete, ready-to-integrate device server allows you to enhance your product while you focus on developing its core features.

**Management and Configuration.** The MultiConnect SE device server has several means of management and configuration built into the design. It supports remote configuration, which means you can have central site setup and control of the remote device servers via a built-in Web server, or a Telnet command line interface.

**Industrial Chassis.** The MultiConnect SE device server is packaged in a rugged, industrial chassis with an RS-232 interface connector and 10/100BaseT Ethernet connector. It can be desktop or panel mounted. Numerous LEDs provide visual monitoring of speed, link, activity, operational status and power. It is available with external or RS-232 power options.

**Firmware Upgrades.** Features flash memory, which allows for easy firmware updates. These upgrades allow the user to stay current with the latest enhancements that Multi-Tech has to offer.

**Comprehensive Service and Support.** The Multi-Tech commitment to service means we provide a two-year product warranty and service that includes free telephone technical support, 24-hour web site and ftp support.

## Specifications

### Power Requirements

MTS2EA:  
250mA typical/305mA maximum @ 9V DC

MTS2EA-R:  
190mA typical/245mA maximum @ 5VDC,  
100mA typical/120mA maximum @ 10VDC,  
69mA typical/83mA maximum @ 15VDC,  
54mA typical/65mA maximum @ 20VDC,  
45mA typical/55mA maximum @ 25VDC

### Physical Description

3.5" w x 2.1" h x 0.98" d; 3.4 oz.  
(8.8 cm x 5.3 cm x 2.4 cm; 96 g)

### Operating Environment

Temperature Range: +32° to +120° F (0° to +50° C)  
Humidity Range: 25-85% noncondensing

### Certifications

CE Mark  
EMC: FCC Part 15 Class A, EN 55022, EN 55024  
Safety: cUL, EN 60950, UL 60950

## Ordering Information

Product	Description	Region
MTS2EA*	Serial-to-Ethernet Device Server + IP (External Power, US Cord)	Global
MTS2EA-R	Serial-to-Ethernet Device Server + IP (RS-232 Power)	Global

\* Specify country when ordering.

Made in Mounds View, MN, U.S.A.

Features and specifications are subject to change without notice.

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