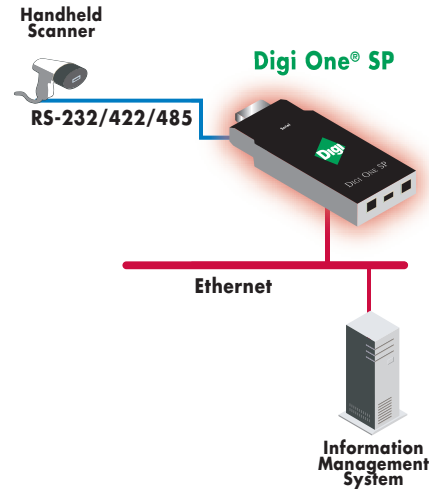


The Digi One SP device server is designed for standard serial-to-Ethernet connectivity. It is ideal for applications requiring simple and easy-to-use data communications.



## Features/Benefits

- Easy configuration using installation CD
- Digi's patented RealPort<sup>®</sup> technology for COM or TTY port control and management
- TCP/UDP Socket Services for broad device connectivity and application use
- Auto-connect the serial device to networked server using raw, Telnet, Rlogin
- Reverse Telnet for easy access of serial devices from network
- Easy configuration through web interface (HTTP)
- Switch selectable RS-232/422/485 for simple interfacing to any type of serial device
- Modem emulation allows support for devices designed only for modem communications

## Overview

The Digi One SP device server allows any device with a serial port to easily connect to the Ethernet. Its compact design delivers cost-effective performance and capability in one of the smallest form factors available.

Part of Digi's broad device server offering, the Digi One SP delivers standard serial-to-Ethernet connectivity and is ideal for serial tunneling, or where TCP/UDP socket or multiple unicast functionality is needed. Serial tunneling allows two previously non-networked and isolated devices to easily communicate information and operate with existing installed software applications on an Ethernet network, eliminating the long serial cable. The Digi One SP also works with software applications using TCP/UDP Sockets, allowing a serial device to interoperate with the software applications without the need to install a driver.

The Digi One SP is easy to install locally or remotely through a variety of IP addressing methods, including DHCP, RARP, and ARP-Ping. Included on the installation CD is an application that will automatically detect all Digi One SP devices on your network. A quick-start guide is also provided to make network configuration easy and hassle-free.

## Features/Specifications

### FEATURES

- RS-232/422/485 switch selectable
- DB-9M serial connector
- Baud rates up to 230 Kbps
- Full modem and hardware flow control
- Modem emulation
- 10/100Base-T Ethernet support
- TCP/UDP Socket Services
- Supports multiple unicasts
- Telnet and Reverse Telnet
- DHCP/RARP/ARP-Ping for IP address assignment
- HTTP configuration
- Patented RealPort technology for COM and TTY ports
- LED status for link and power

### OPERATING SYSTEMS

#### RealPort drivers for COM/TTY support

- AIX
- HP-UX
- Linux
- Windows® 98/98SE
- Windows ME
- Windows XP
- Windows 2000
- Windows Server™ 2003
- Windows NT®
- SCO® OpenServer™
- SCO UnixWare™
- Solaris™ (Intel)
- Solaris (SPARC)

### MODEL . . . . . PART NUMBERS

Model	North America	International
Digi One SP	70001851	70001852
<b>Accessories</b>		
Wall Mount Bracket	76000662	76000662
DB-9F to DB-9F Crossover Cable (4-ft.)	76000642	76000642
Replacement Power Supply (wall mount)	76000737	N/A
Replacement Power Supply (small brick)	76000654	76000654

### DIMENSIONS

- Length: 3.70 in (9.04 cm)
- Width: 1.72 in (4.30 cm)
- Depth: 0.93 in (2.30 cm)
- Weight: 2.29 oz (65.00 g)

### REGULATORY APPROVALS

- FCC Part 15 Subpart B, Class A
- EN55022, Class A
- EN55024
- EN61000-3-2,3
- UL60950
- CAN/CSA C22.2 No.60950
- EN60950

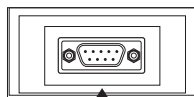
### ENVIRONMENTAL

- Operating temperature: 10° C to 45° C (50° F to 113° F)
- Relative humidity: 5% to 90% (non-condensing)

### POWER REQUIREMENTS

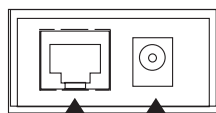
- Power supply included
  - North America**  
12VDC/.5A max out; 120VAC in (wall mount)
  - International**  
12VDC/.5A max out; 100-240VAC in (small brick)
- Product will accept 9-30VDC
- Power Consumption
  - Typical: 4W
  - Max: 6W
- Surge Protection (with included power supply)
  - 4 kV burst (EFT)
  - 2 kV surge

#### Digi One SP - Front

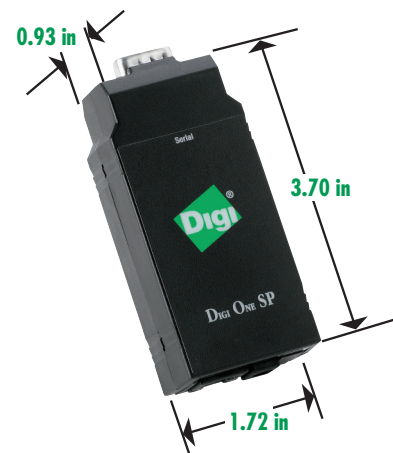


DB-9M Serial

#### Digi One SP - Back



Ethernet Power



Wall Bracket

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Digi International, the leader in device networking for business, develops reliable products and technologies to connect and securely manage local or remote electronic devices over the network or via the web. With over 20 million ports shipped worldwide since 1985, Digi offers the highest levels of performance, flexibility and quality.

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