Digi One® SP
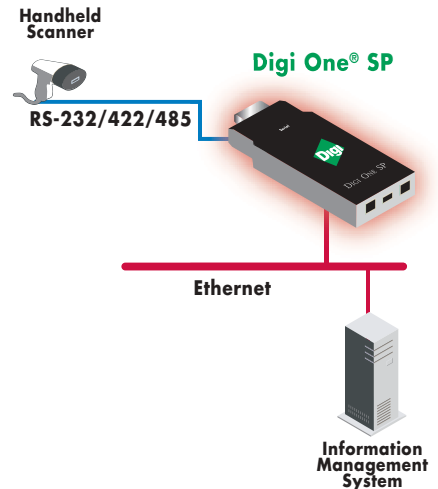
Device Server

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.

Handheld Scanner

Digi One® SP

RS-232/422/485

Ethernet

Information Management System

Features/Benefits

> **Easy configuration using installation CD**

> **Patented Digi RealPort® 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 applications where COM ports, TCP Socket, UDP Socket, or UDP Multicast 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.

Digi International makes device networking easy by developing products and technologies that are cost-effective and easy to use. With over 20 million ports shipped worldwide, Digi has been offering the highest levels of performance, flexibility, and quality since 1985.

www.digi.com

Making
DEVICE NETWORKING
easy ™

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
- UDP Multicast
- 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)

POWER REQUIREMENTS

- Ships with a 110/240VAC power supply that provides 12VDC @ 0.4 Amps max
- Input power supports 9-30VDC @ 0.5 Amps max

REGULATORY APPROVALS

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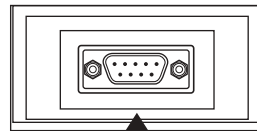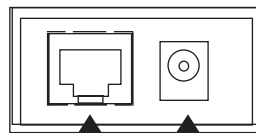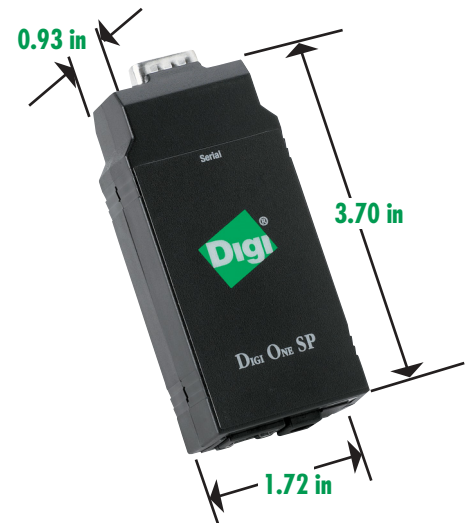- EN61000-3-2,3
- UL60950
- CAN/CSA C22.2 No.60950
- EN60950

DB-9M Serial

Ethernet   Power

ENVIRONMENTAL

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

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)

0.93 in

3.70 in

1.72 in

Wall Bracket

MODEL . . . . PART NUMBERS

Model	North America	International
Digi One SP	70001851	70001852
Accessories		
Wall Mount Bracket	76000662	76000662
DB-9F to DB-9F Crossover Cable (4-ft.)	76000642	76000642
Replacement 120-240VAC Input Power Supply	76000654	76000654

DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty.   http://support.digi.com

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