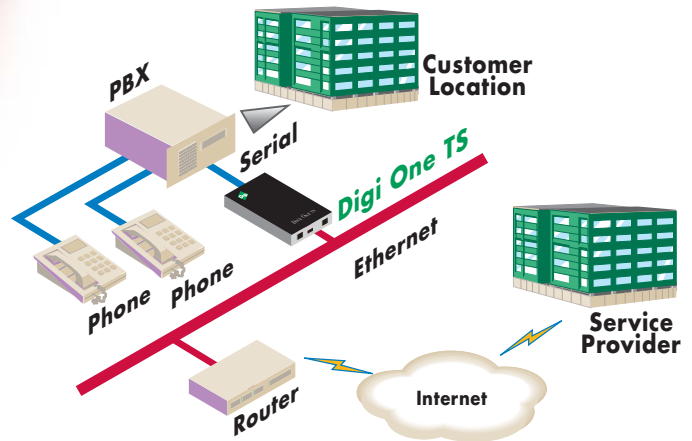


Digi One™ TS

Device Server



The Digi One TS device server is designed for universal, high-performance serial-to-Ethernet connectivity. It is ideal for RS-232/422/485 applications where remote device management and monitoring are required.



Features/Benefits

- > Easily network-enable virtually any serial device
- > Switch selectable RS-232/422/485 for simple interfacing to any type of serial device
- > Digi's patented RealPort® with encryption for COM or TTY port control and management
- > Management and diagnostic utility for simple and efficient device monitoring and troubleshooting
- > Secure communication via SSH v2
- > Port buffering for data capture
- > Easy configuration through web interface (HTTP/HTTPS)
- > Industry leading low latency

Overview

The Digi One TS makes it easy to connect virtually any RS-232/422/485 serial device to your network. It combines the inherent benefits of data networking with proven asynchronous connectivity to deliver powerful yet simple Ethernet connections for all your serial devices.

The Digi One TS delivers universal, high-performance serial-to-Ethernet connectivity and is ideal for applications requiring COM ports, serial tunneling, or where TCP Socket, UDP Socket, or UDP Multicast functionality is needed. Digi's RealPort with encryption technology makes it possible to establish a connection between the host and networked serial device by creating a local COM or TTY port on the host computer, allowing software applications to work with networked device servers instead of requiring a host adapter.

The Digi One TS also delivers powerful features such as data security via SSH v2, port buffering and full SNMP management – making it ideal for applications like console management where device management and monitoring are critical.

The Digi One TS is also easy to install locally or remotely through a variety of IP addressing methods (DHCP, RARP, ARP-Ping) along with an application (included on the installation CD) that will automatically detect all Digi One TS devices on your network. Also included is a quick-start guide that makes network configuration of the product hassle-free.

Digi International, the leader in Connectware, 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.



Connectware™

Features/Specifications

FEATURES

- 10/100Base-T Ethernet support
- RJ-45 serial port
- RS-232/422/485 switch selectable
- Baud rates up to 230 Kbps
- Full modem and hardware flow control
- TCP/UDP Socket Services
- UDP Multicast
- Telnet and Reverse Telnet
- Patented RealPort with encryption for COM and TTY ports
- 9-30vDC input
- SNMP (read/write)
- PPP
- SSH v2
- Low latency
- Port buffering
- Modem emulation
- Modbus to Modbus/TCP conversion
- HTTP/HTTPS
- Digi Port Authority – Remote management diagnostics and auto-discovery tool
- DHCP/RARP/ARP-Ping for IP address assignment
- Powered Ethernet (802.3af)
- LED status for link and power
- RJ-45/DB-9F crossover cable included for optional serial configuration

OPERATING SYSTEMS

- AIX
- HP-UX
- Linux
- Windows® XP
- Windows 2000
- Windows NT®
- Windows 98/ME
- SCO® OpenServer™
- SCO UnixWare™
- Solaris™ (Intel)
- Solaris (SPARC)
- TCP/UDP Socket Services are operating system independent



REGULATORY APPROVALS

- FCC Part 15, A
- CE
- 55024
- 55022 - class A
- UL 1950
- CSA 22.2 No 950

POWER REQUIREMENTS

- Ships with 110/240vAC at 12vDC @ .4 Amps max
- 9-30vDC @ .5 Amps max
- Surge protection (with included power supply)

Powered Ethernet

- IEEE 802.3af compliant
- 4Kv Burst (EFT) per-4-4
- 2Kv Surge per EN61000-4-5

DIMENSIONS

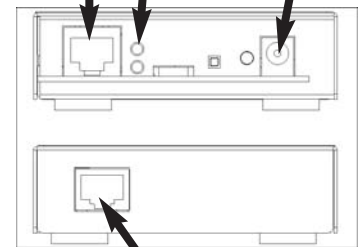
- Length: 5.42 in (13.31 cm)
- Width: 3.33 in (8.46 cm)
- Depth: 0.952 in (2.42 cm)
- Weight: 2.25 oz (64.0 g)

ENVIRONMENTAL

- Ambient temperature: 0° C to 60° C (32° F to 140° F)
- Relative humidity: 5% to 90% (non-condensing)
- Ethernet Isolation: 1500vAC min per IEEE 802.3/ANSI +3.263
- Serial Port Protection (ESD): +15Kv Air GAP and +8Kv Contact Discharge per IEC 100-4-2



Ethernet LEDs Power input



RJ-45 serial port

MODEL.....PART NUMBERS

| Model | North America | International |
|--------------------|---------------|---------------|
| Digi One TS | 70001805 | 70001832 |
| Accessories | | |
| Wall-Mount Bracket | 76000640 | 76000640 |
| DIN Rail Bracket | 76000682 | 76000682 |

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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