



Models: 70001954, 70001956, 70001958

Digi TS W Family

Device Server

Overview

The Digi TS W Family is made up of models 70001954, 70001956, and 70001958. These wireless terminal servers make it easy to connect any serial device to 802.11b wireless Ethernet. It combines inherent data networking with proven asynchronous connectivity to deliver powerful yet simple wireless network connectivity for your EIA-RS-232/422/485 serial devices.

These units offer universal, high-performance serial to wireless connectivity and are ideal for applications requiring COM ports, serial tunneling, or where TCP socket, UDP socket, or UDP multi-cast functionality is needed. RealPort technology makes it possible to establish a connection between the host and networked serial devices by creating a local COM or TTY port on the host computer, allowing software applications to work with networked device servers replacing the requirement for integrated serial host adapter cards.

The Digi TS W Family also delivers powerful features such as data security via SSH v2, and Wired Equivalent-Privacy (WEP) supporting 64-bit and 128-bit encryption. Management is easy with read/write SNMP support for all configuration parameters plus full serial, Ethernet and wireless MIBS.

Easy to install with an auto-run wizard for UNIX and Microsoft. IP address assignment is simple with the support for ADDP, RARP, and DHCP and statically through a serial port. The included Quick Start Guide graphically displays the easy and hassle-free configuration.

Features

- TCP/UDP Socket Services
- Transmit up to 64 destinations simultaneously over UDP
- Extended telnet RFC 2217
- Telnet and Reverse Telnet
- Patented RealPort technology for COM and TTY ports
- PPP
- SSH v2
- 62- and 128-bit encryption
- SNMP (read/write)
- Digi Port Authority – Remote management diagnostics and auto-discovery tool
- 802.11b wireless radio with external antenna
- 10/100Base-T Ethernet support for quick configuration
- RJ-45 serial ports
- One, two or four serial port models
- EIA-232/422/485 switch selectable
- Baud rates up to 115.2 Kbps
- Full modem and hardware flow control
- 9-30Vdc input
- LED for link power, and wireless bandwidth
- RJ-45/DB-9F crossover cable for configuration

International Headquarters:

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Specifications

Environmental

- Ambient temperature: 0° to 50°C
- Relative humidity: 5% to 90% (non-condensing)

Operating Systems

- AIX
- Compaq Tru64
- HP-UX
- Linux
- Microsoft® Windows XP/2000/NT/98/ME
- SCO® OpenServer/Unixware
- Solaris™ Intel/SPARC
- TCP/UCP Socket Services are operating system independent

Regulatory Approvals

- FCC Part 15, B
- CE
- EN5024-1
- EN50082-1
- IL1950
- CSA 22.2 No 950

Dimensions

- Length: 5.42 in (13.31 cm)
- Width: 3.33 in (8.46 cm)
- Depth: 1.31 in (3.33 cm)
- Product weight: 0.45 lb (0.20 kg)

Power Requirements

- Ships with 110/240 VAC at 12Vdc @ .4 Amps max (includes 110VAC power cord)
- 9-30Vdc @ .5 Amps max

Ordering Information

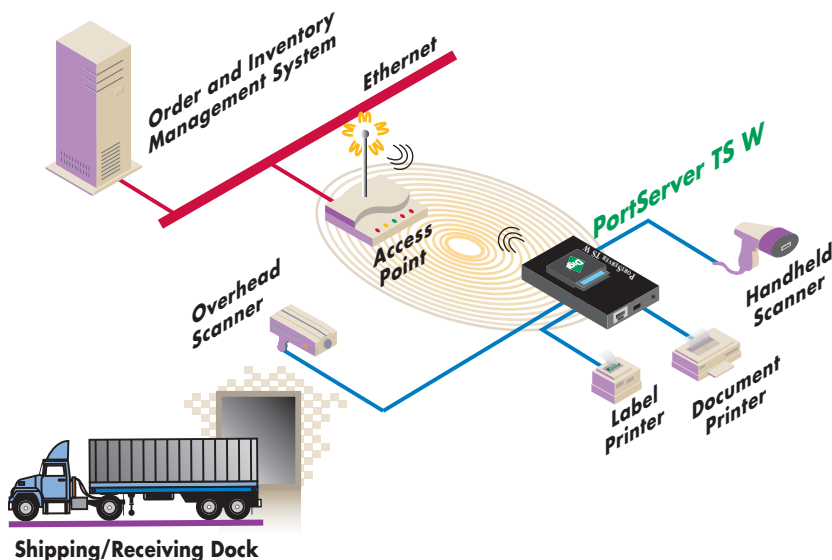
70001954PortServer TS, 1-port with 802.11b Wireless Terminal Server

70001956PortServer TS, 2-port with 802.11b Wireless Terminal Server

70001958PortServer TS, 4-port with 802.11b Wireless Terminal Server

Accessories

76000682DIN rail bracket for above models



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