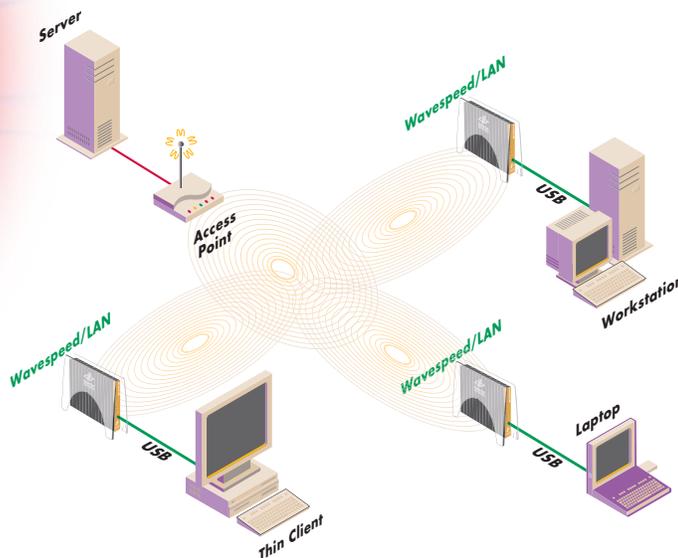


Wavespeed™ /LAN

USB to 802.11b Wireless Ethernet

Microsoft® Windows NT 4.0 compatible solution offers easy wireless networking.



Features/Benefits

- > IEEE 802.11b compliant
- > Supports Microsoft® Windows NT 4.0, CE, XP, 2000 and more
- > Combines ease and reliability of USB connectivity with flexibility and mobility of wireless networking
- > USB-powered, so no external power supply required
- > Communication via access point or peer-to-peer mode
- > 64-bit and 128-bit WEP encryption for secure data transfer

Overview

Wavespeed/LAN offers an easy solution for wireless networking, enabling a PC, thin client or laptop to connect to the LAN in minutes via USB. Fully compliant with the IEEE 802.11b wireless standard, Wavespeed/LAN provides a high-speed wireless LAN connection – without the overhead associated with implementing a wired network.

Wavespeed/LAN combines the ease and reliability of Plug-and-Play USB connectivity with the flexibility and mobility of wireless networking. Implement Wavespeed/LAN in mobile POS stations to increase customer convenience, or network multiple laptops or workstations in an office without a sea of cables.

Wavespeed/LAN supports wireless communication via access point or peer-to-peer mode. It is USB-powered, so an external power supply brick is not required. Wireless Equivalent Privacy (WEP) encryption ensures secure data transfer. Wavespeed/LAN is the first USB to wireless LAN adapter to support the full range of Windows platforms, including Windows NT 4.0, making it an ideal solution for mission-critical enterprise applications where reliability and data integrity are essential.

Inside Out Networks, a Digi International company, is the leader in enterprise USB connectivity. 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

- IEEE 802.11b compatible
- USB 1.0 and 1.1 compatible; backwards compatibility for 2.0
- Plug-and-Play
- Direct Sequence Spread Spectrum (DSSS)
- 64-bit and 128-bit WEP encryption
- 11 channels
- Data rate: Auto, 1, 2, 5.5 and 11Mbps
- Modulation
 - DPSK at 11Mbps
 - DQPSK at 2Mbps
 - CCK at 5.5 and 11Mbps
- Frequency: 2.4 to 2.48GHz
- Bit error rate: 1E-5 at -83dBm
- 100mW transmit power output
- Output power: 12dBm typical
- Receiver sensitivity: -80dBm minimum
- Current drain(typical): Transmit 480mA; Receive 350mA
- Coverage area indoors (close space)
 - 165 ft (50 m) at 11Mbps
 - 265 ft (100 m) at 5.5Mbps
- Coverage area outdoors
 - 500 ft (150 m) at 11Mbps
 - 1,000 ft (300 m) at 5.5Mbps
- Internal antenna
- Communication via access point or peer-to-peer mode
- LEDs for power status and link activity
- Field-upgradeable
- Includes one-meter USB cable

SUPPORTED PROTOCOLS

- TCP/IP
- NetBEUI
- IPX/SPX
- DLC and any supported by OS

ENVIRONMENTAL

- Ambient temperature: 0° to 55° C (32° to 131° F)
- Relative humidity: 0% to 95% (non-condensing)

REGULATORY APPROVALS

- FCC Part 15, Class B
- CE
- UL 1950
- CSA No. 950

DIMENSIONS

- With Stand
- Length: 2.5 in (6.35 cm)
 - Width: 5.37 in (13.65 cm)
 - Height: 5.0 in (12.7 cm)
 - Weight: 8.5 oz (240.97 g)
- Without Stand
- Length: 1.06 in (2.69 cm)
 - Width: 4.31 in (10.9 cm)
 - Height: 4.5 in (11.43 cm)
 - Weight: 5.5 oz (155.95 g)

OPERATING SYSTEMS

- OPERATING SYSTEMS
- Microsoft® Windows XP, XP Embedded
 - Microsoft Windows NT 4.0, NT Embedded
 - Microsoft Windows CE
 - Microsoft Windows 2000, ME
 - Microsoft Windows 98, SE

POWER REQUIREMENTS

- USB-powered (no external power supply required)

MODEL.....PART NUMBERS

| Model | North America | International |
|--|---------------|---------------|
| Wavespeed/LAN (USB-to-802.11b WLAN) | 301-1117-01 | not available |
| Wavespeed/LAN Accessories | | |
| 1-Meter USB Cable (A to B USB cable, 3.3 ft) | 301-9000-01 | 301-9000-01 |
| 2-Meter USB Cable (A to B USB cable, 6.6 ft) | 301-9000-07 | 301-9000-07 |
| 3-Meter USB Cable (A to B USB cable, 9.8 ft) | 301-9000-06 | 301-9000-06 |
| 4-Meter USB Cable (A to B USB cable, 13 ft) | 301-9000-10 | 301-9000-10 |
| 5-Meter USB Cable (A to B USB cable, 16.4 ft) | 301-9000-02 | 301-9000-02 |
| USB Repeater/Extender Cable (A to A extender, 16.4 ft) | 301-9002-01 | 301-9002-01 |
| USB 1.1 Upgrade Kit (PCI to USB 1.1 card) | 301-1101-01 | 301-1101-01 |



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>

Digi International

11001 Bren Road E.
 Minnetonka, MN 55343 USA
 PH: 877-912-3444
 952-912-3444
 FX: 952-912-4952
 Email: info@digi.com
 www.digi.com

Digi International GmbH

Joseph-von-Fraunhofer Str. 23
 D-44227 Dortmund
 Germany
 PH: +49-231-9747-0
 FX: +49-231-9747-111
 www.digi.de

Digi International (HK) Limited

Suite 1703-05, 17/F.,
 K Wah Centre
 191 Java Road
 North Point, Hong Kong
 PH: +852-2833-1008
 FX: +852-2572-9989
 www.digi.cn

Inside Out Networks

7004 Bee Caves Road
 Building 3, Suite 200
 Austin, TX 78746 USA
 PH: 512-306-0600
 FX: 512-306-0694
 Email: info@ionetworks.com
 www.ionetworks.com



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