Software Product Description

PRODUCT NAME: **RoamAbout PCMCIA Network Adapter**   **SPD 45.71.05**

This SPD was formerly entitled "Digital Wireless Network Interface Cards (NICs)." It was revised and renamed upon retirement of the WaveLAN and WaveLAN International products.

PRODUCT DESCRIPTION

The RoamAbout PCMCIA Network Adapter is a PC Network Interface Card (NIC) for wireless LANs. The Network Adapter operates in a PC with a Type II PCMCIA slot that conforms to the PCMCIA release V2.01 specification. An antenna is externally connected via an 18" (0.5 meter) cable. The RoamAbout PCMCIA Network Adapter communicates with the RoamAbout PCMCIA Network Adapter in other portable computers, the WaveLAN NIC in stationary computers, or the RoamAbout Access Point for connectivity to the wired network.

The system operates on direct sequence spread spectrum radio technology in the 915 MHz frequency band. The frequency spectrum dictates that the 915 MHz product be sold ONLY in the United States, Canada, and Mexico. FCC approvals are granted under part 15 of the FCC rules and, as a result, no site license is required.

The DOS ODI and NDIS V2.0.1 drivers included in the kit support the common network operating systems such as NetWare, PATHWORKS, and LAN Manager.

The kit also contains diagnostic utilities to monitor and diagnose the network. The diagnostic utilites assist in positioning the radio modules and mobile end stations for best performance.

HARDWARE REQUIREMENTS

The RoamAbout PCMCIA Network Adapter supports mobile computers with Intel® 82365 (or compatible) PCMCIA controllers. It complies with the PCMCIA Release 2.0 standard and occupies one Type II slot. Digital recommends that any other PCMCIA slots not be used to avoid conflicts with the RoamAbout PCMCIA Network Adapter. The PCMCIA slot on the PC must be able to provide at least 3 Watts of 5 Volt DC power. The RoamAbout PCMCIA Network Adapter will not work on 3 Volt systems.

The following models have been formally tested and approved:

Vendor	Model
AMBRA	486 Color Notebook
AST	Power Exec Color Plus 486/25SL
AST	Grid Convertible
Canon	NoteJet 486SLC/25
COMPAQ®	Concerto
Digital	DECpc 425SL
Gateway	2000 ColorBook
IBM	Thinkpad 750 (with default IRQ=9)
NEC	Ultralite Versa 486sl
NCR	3150 (with default IRQ=9)
NCR	3170
NCR	3181
Panasonic	Notebook CF-V21P
Toshiba®	T4600C Notebook

OPTIONAL HARDWARE

DEIAP-AA—RoamAbout Access Point, standalone version. Wireless-to-wired bridge for in-building wireless connectivity to a wired Ethernet LAN for portable and desktop devices. Includes software license, power supply, accessory kit, and manual.

DEIAP-MA— RoamAbout Access Point, hub version. Wireless to wired bridge for connectivity to a wired network for portable devices and desktop devices. It includes software license, accessory kit, and documentation.

RELATED HARDWARE AND SOFTWARE

DEIWX-FA—Digital Remote Wireless Network Connect (for wireless building-to-building connectivity). Includes DEIWA-AA WaveLAN NIC, DEIWX-AA directional antenna, software license, media, installation/configuration manual, and documentation (for use ONLY in North America).

SOFTWARE REQUIREMENTS

To install the RoamAbout PCMCIA Network Adapter Card, users must have the following:

MS–DOS® V5.0 or later

One of the following network operating environments:

- Network operating system supporting NDIS V2.0.1 standard (such as PATHWORKS for DOS V4.1 or later or Microsoft® LAN Manager V2.0 or later)

- Novell NetWare V2.1x, V3.1x, or V4.0 Client

- Novell NetWare Lite V1.1

- Personal Netware V1.0 or later

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

DISTRIBUTION MEDIA

3.5-inch (RX24) floppy diskette

ORDERING INFORMATION

The RoamAbout PCMCIA Network Adapter (DEINA-AA) includes the network adapter card, antenna with cable, media kit, documentation, and a single PC processor software license. The RoamAbout PCMCIA Network Adapter device drivers are included with the hardware. The drivers are not sold separately.

DEINA-AA—RoamAbout PCMCIA Network Adapter for use in United States, Canada, and Mexico. Includes software, media, and documentation.

SOFTWARE LICENSING

The PC License provides users with the right to use the RoamAbout PCMCIA Network Adapter device drivers software on a single PC processor. The price of the device drivers license is included in the price of the adapter. A license letter shipped with the adapter, along with the invoice, constitutes proof of license.

This software is furnished only under a license. For more information about Digital's licensing terms and policies, contact your local Digital office.

SOFTWARE PRODUCT SERVICES

A variety of service options are available from Digital. For more information, contact your local Digital office.

SOFTWARE WARRANTY

Warranty for the RoamAbout PCMCIA Network Adapter software is provided by Digital with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.

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