User Manual

iBurst Access Card



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Chapter 1 Introduction

This chapter describes that which should be confirmed before using iBurst Access Card.

Overview of Hardware Elements

Main Unit



Connection with PC

In order to use iBurst Access Card, your computer must satisfy the following requirements:

- PC Card Slot-Type compliant with PC Card Standard 95 or later.
- PC-AT Compatible PC running WindowsXP/2000/Me/98Se or Mac OS X(MacOSX v10.1.5 or later).

How to connect

If this is the first time that iBurst Access Card is to be used on your computer, it is necessary to install the device driver first. (Refer to "iBurst Software installation" on page 9).

The following describes the procedure how to connect iBurst Access Card with your computer.

- 1 Turn on the power to the computer.
- 2 Insert iBurst Access Card into the computer's PC Card Slot and make sure it is fully fitted in the slot.
- **3** Double click the icon of PC Card on the computer's task tray, and you should see the device name [iBurst Modem] in the hardware device list of the appearing PC Card dialog window.

How to remove

- 1 Double click the icon of PC Card on the computer's task tray, and click the [Stop] button in the appearing PC Card dialog window. Make sure that you select [iBurst Modem] in the PC Card dialog window before click the [Stop] button.
- 2 A popup dialog window with the message [Safe To Remove Hardware] should appear. Click the Ok button in the dialog window.
- 3 Remove iBurst Access Card from the computer's PC Card Slot.

LED Indicators

iBurst Access Card has two LED indicators, **Pow/ALM LED** indicator and **Status LED** indicator. The former indicates state of power to iBurst Access Card while the later indicates state of communication or signal strength of received signal. The following table shows the relation between the LED illumination patterns and iBurst Access Card states.

| States | LED #1 (POW/ALARM) | | LED #2 (STATUS) | | JS) |
|------------------------------------|--------------------|--------------|-----------------|-----------|----------|
| States | Blue | Red | Green | Amber | Yellow |
| Power OFF | | All LEDs Off | No LEDs il | luminated | |
| Power ON | On | | | | |
| Communicate with High Rx signal | | | Flashing | | |
| Communicate with Low Rx signal | | | | | Flashing |
| No communicate with High Rx signal | | | ON | | |
| No communicate with Low Rx signal | | | | | ON |
| No Rx Signal | | | | ON | |

LED illumination patterns

On : Continuous illumination

Flashing : Blink (0.1s on / 0.1s off)

Chapter 2 Setup Procedure

This chapter describes how to install iBurst software, then guides you how to make a network connection so as to use data communication service.

iBurst Software Installation

It is necessary to run iBurst software installation only when iBurst Access Card is to be used on your personal computer the first time. Once it has be installed, there is no necessity for this installation operation from the next connection.

Installation for Windows XP

- 1 Turn on the power to the computer.
- Insert the provided Software Utility CD into your CD-ROM drive.Don't insert iBurst Access Card into your PC card slot when installation is running.
- 3 iBurst Setup starts, click the [Next] button.



4 Select [I accept the terms the license agreement], click the [Next] button.



5 Click the [Next] button after appearing dialog window as shown below.



6 Click the [Next] button.

| Rurst Set Up Choose Destination Locati Select table where setup will | un entel like | E |
|--|--|--------|
| | Setup will ental Durit in the following table. | |
| | To and all to the folder, slick Newl. To install to a different folder, slick Browns and release ladder | ender |
| | -Destination Pable 0 VProgram Fileshiftuan | |
| /1 .//# =1 | (Back News) | Cancel |

7 The following dialog window will appear, and installation of software begins.



8 Click the [Continue Anyway] button in the appearing dialog window as shown below.

| Har dwa | re Installation |
|---------|---|
| 1 | The software you are installing for this hardware: iBurst Modem has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing. |
| | Continue Anyway |

9 When the installing process finishes, the dialog window shown below will appear. Select "Yes,I want to restart my computer now" and Click the [Finish] button in the dialog window.



10 After the restart, insert iBurst Access Card into your PC card slot.

11 If the operating system is able to recognize the inserted iBurst Access Card as a new installed hardware, [Found New Hardware Wizard] will begin and the dialog window as shown below will appear. Select [Install the software automatically(Recommended)] and click the [Next] button in the dialog window.



12 The dialog window shown below will appear, click the [Continue Anyway] button.



13 The driver is installed on your PC.



14 After installation of the driver, the dialog window shown below will appear, click the [Finish] button.



Installation for Windows 2000

- 1 Turn on the power to the computer.
- Insert the provided Software Utility CD into your CD-ROM drive.
 Don't insert iBurst Access Card into your PC card slot when installation is running.
- 3 iBurst Setup starts, click the [Next] button.



4 Select [I accept the terms the license agreement], click the [Next] button.



5 Click the [Next] button after appearing dialog window as shown below.

| urst Set Up Choose Destination Locati Select Iolder where setup will | ion Instal files. | 2 |
|--|--|---|
| | Setup will install Burst in the following folder. To install to this folder, click Next. To install to a different folder, click Browse and select another folder. | |
| | -Cestination Folder C-V-hogram Filet/Mount | |
| InstallShidd | < Back Next 2 | |

6 Click the [Next] button.



7 The following dialog window will appear, and installation of software begins.

| Selup Status | | |
|--------------|---|--------|
| | Burst Setup is performing the requested operations. | |
| | Instaling | |
| | | |
| | | |
| | | |
| | | |
| | | |
| InstallShidd | | Cancel |

8 Click the [Yes] button in the appearing dialog window as shown below.(The window [Digital Signature Not Found] maybe appears several times, click the [Yes] button in each window.)



9 When the installing process finishes, the dialog window shown below will appear. Select "Yes,I want to restart my computer now" and Click the [Finish] button in the dialog window.



10 After the restart, insert iBurst Access Card into your PC card slot.

11 Click the [Yes] button in the appearing dialog window as shown below. (The window [Digital Signature Not Found] maybe appears several times, click the [Yes] button in each window.)



Installation for Windows Me

- 1 Turn on the power to the computer.
- Insert the provided Software Utility CD into your CD-ROM drive.
 Don't insert iBurst Access Card into your PC card slot when installation is running.
- 3 iBurst Setup starts, click the [Next] button.



4 Select [I accept the terms the license agreement], click the [Next] button.



5 Click the [Next] button after appearing dialog window as shown below.



6 Click the [Next] button.

| Start Copying Files Review settings before copyin | g files. |
|--|--|
| | Setup has enough information to start copying the program files. If you want to review of change any settings. Cick Back. If you are satisfied with the settings, click Next to begin copying files. Current Settings Instal To: CVProgram Files/Ulust |
| InstallSidd | (gack Next) Cancel |

7 The following dialog window will appear, and installation of software begins.

| Exact Setup is performing the requested operations. |
|---|
| Installing |
| |
| |
| |
| |

- 8 After software installation is finished, insert iBurst Access Card into your PC card slot.
- 9 If the operating system is able to recognize the inserted iBurst Access Card as a new installed hardware, [Add New Hardware Wizard] will begin and the dialog window as shown below will appear. Select [Specify the location of the driver] and click the [Next] button in the dialog window.



10 Select [Serach for the best driver in these location], Then, mark the check box labeled [Specify a location] and click the [Browse] button.

| Add New Hardware Wiza | ard |
|-----------------------|---|
| | Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected Search for the best driver for your device. (Recommended). Removable Media (Floppy, CD-ROM) ✓ Specify a location: ✓ Specify a location: ✓ Browse O Display a list of all the drivers in a specific location, so you can select the driver you want. |
| | < <u>B</u> ack Next > Cancel |

11 Select [C:¥Program Files¥iBurst¥bin], and click the [OK] button.



12 Click the [Next] button.



13 Make sure that the device name [iBurst Modem] is displayed in the dialog window, then click the [Next] button.



14 Click the [Finish] button.



15 The dialog window shown below will appear, click the [Yes] button, and restart your PC.

| System S | Settings Change | | |
|----------|---|--|--|
| ? | To finish setting up your new hardware, you must restart your computer. | | |
| 4 | Do you want to restart your computer now? | | |
| | | | |

Click the [Start] button, followed by selecting [Control Panel] as shown below.Click [Add New Haeware].



17 Click [Next].



18 Click [Next].

| Add New Hardware Wi | zard |
|---------------------|--|
| | Windows will now search for any new Plug and Play devices on your system. Your screen may go blank during this process. This is normal. To continue, click Next. |
| | < <u>B</u> ack Next> Cancel |

19 Check [No, the device isn't in the list], and click [Next].

| Is the device that you want to install listed below? No, the device isn't in the list. Yes, the device is in the list. Select the device that you want to install, and then click Next. Devices: |
|---|
| < <u>B</u> ack Next > Cancel |

20 Check [No, I want to select the hardware from a list], and click [Next].



21 Select [Ports [COM & LPT]], and click [Next].



22 Click [Have Disk..] button.

| Add Nev | v Hardware Wizard | | | | |
|-------------------|--|--------------------|---|--------|-------------------|
| Ţ | Select the manufacturer and model of your hardware. If your hardware is not listed, or if you have an installation disk, click Have Disk.If your hardware is still not listed, click Back, and then select a different hardware type. | | | | |
| <u>M</u> anufa | cturers: | Mo <u>d</u> | els: | | |
| (Standa Hewlet | ard port types) t Packard | Con ECF Prin | nmunications Po Printer Port ter Port | ort | |
| | | | | [| <u>H</u> ave Disk |
| | | | < <u>B</u> ack | Next > | Cancel |

23 Click [Brouse..] button.



24 Select [C:¥Program Files¥iBurst¥bin¥ibvcom9x.inf],and click [OK].

| Open | | ? × |
|--|--|----------------------------------|
| File name: ibvcom9x.inf ibvmdm9x.inf netibst.inf nipoe9x.inf | Eolders: c:\Program Files\iBurst\bin c:\ Program Files c:\ Burst bin | OK Cancel N <u>e</u> twork |
| | Drives: | |

25 Click [OK].



26 Select [iBurst Virtual COM Port], and click [Next].

| Add Nev | v Hardware Wizard |
|------------------|--|
| گ ر | Select the manufacturer and model of your hardware. If your hardware is not listed, or if you have an installation disk, click Have Disk.If your hardware is still not listed, click Back, and then select a different hardware type. |
| Mo <u>d</u> els: | |
| iBurst V | /irtual COM Port |
| | Have Disk |
| | < <u>B</u> ack Next > Cancel |

27 Click [Next].

| Add Nev | v Hardware Wizard | | |
|---------|--|--|--|
| Ţ | Windows can install y Warning: Your hardw use Device Manager Click start, point to So the Device Manager documentation that o To continue installing | your hardware, using the following setting ware may not be set to use the resources to adjust these settings before restarting ettings, click Control Panel, click System, tab. To change your hardware settings, same with your hardware. I the software needed by your hardware, | js. listed. You can your computer. , and then click see the click Next. |
| | Resource type Input/Output Range Interrupt Request | Setting xxxx - xxxx xx - xx | <u>Print</u> |
| | | < <u>B</u> ack Next > | Cancel |

28 Click [Finish].



29 The dialog window shown below will appear, click the [Yes] button, and restart your PC.



30 Click the [Start] button, followed by selecting [Control Panel] as shown below. Click [Modems].



31 If the dialog window shown below appears, click the [Add] button.(If your computer has never had a modem, skip this step and go to next step [Install New Modem].)

| Modems Properties | | | |
|--|--|--|--|
| General Diagnostics | | | |
| The following modems are set up on this computer: | | | |
| Standard 56000 bps V90 Modem | | | |
| | | | |
| Add Remove Properties | | | |
| Dialing preferences | | | |
| Dialing from: New Location | | | |
| Click Dialing Properties to modify how your calls are dialed. | | | |
| Dialing Properties | | | |
| | | | |
| OK Cancel | | | |

32 Check "Don't detect my modem; I will select it from a list", and click [Next].



33 Click [Have Disk..] button.

| Install New Modem | |
|--|---|
| Click the manufacturer or if you have an install | and model of your modem. If your modem is not listed, ation disk, click Have Disk. |
| Manufacturers: | Models |
| IStandard Modem Types) 3CDM AIWA British Telecom Dynalink Motorola International ∩ctal | Standard 1200 bps Modem Standard 2400 bps Modem Standard 9600 bps Modem Standard 14400 bps Modem Standard 19200 bps Modem Standard 28800 bps Modem Standard 33600 bps Modem Landard 33600 bps Modem Have Disk |
| | < <u>B</u> ack Next > Cancel |

34 Click [Browse] button.



35 Select [C:¥Program Files¥iBurst¥bin¥ibvmdm9x.inf],and click [OK].



36 Click [OK].



37 Select [iBurst Virtual MODEM], and click [Next].

| Install N | ew Modem |
|--------------------|---|
| | Click the manufacturer and model of your modem. If your modem is not listed, or if you have an installation disk, click Have Disk. |
| Models iBurst V | Virtual MODEM |
| | Have Disk |
| | < <u>B</u> ack Next > Cancel |

38 Select [iBurst Virtual COM Port (COM X)], and click [Next].



39 Click [Finish] button.



40 Click [OK] button.

| Modems Properties | | | |
|--|--|--|--|
| General Diagnostics | | | |
| The following modems are set up on this computer: | | | |
| iBurst Virtual MODEM | | | |
| Add Remove Properties | | | |
| Dialing preferences Dialing from: New Location | | | |
| Click Dialing Properties to modify how your calls are dialed. | | | |
| Dialing Properties | | | |
| | | | |
| OK Cancel | | | |

41 Click the [Start] button, followed by selecting [Control Panel] as shown below. Click [Network].



42 Click [Add] on Configulation tab.

| Network ?X |
|--|
| Configuration Identification Access Control |
| The following network components are installed: |
| Client for Microsoft Networks |
| Dial-Up Adapter |
| Burst Modem |
| NDIS(PPPoE) Usermode I/O Protocol -> Dial-Up Adapter |
| |
| |
| Add Remove Properties |
| Primary Network Logon: |
| Client for Microsoft Networks |
| File and Print Sharing |
| |
| |
| |
| |
| |
| OK Cancel |

43 Select [Protocol] and click [Add...] button.



44 Click [Have Disk...] button.

| Select Network Protocol | × |
|---|---|
| Click the Network Pro an installation disk for | tocol that you want to install, then click OK. If you have this device, click Have Disk. |
| Manufacturers: | Network Protocols: |
| KYOCERA CORPORATION | TATM Call Manager |
| | IPA/SPA-compatible Protocol IPA/SPA-compatible Protocol IPA/SPA-compatible Protocol IPA/SPA-compatible Protocol IPA/SPA-compatible Protocol |
| | TCP/IP |
| | Have Disk |
| | OK Cancel |

45 Click [Brouse] button.



46 Select [C:¥Program Files¥ iBurst¥bin¥nipoe9x.inf], and click the [OK] button.

| Open | | ? × |
|---|---|----------------------------------|
| File name: nipoe9x.inf ibvcom9x.inf ibvmdm9x.inf netibst.inf nipoe9x.inf | Eolders: C:\Program Files\iBurst\bin C:\ Program Files C: Burst Din | OK Cancel N <u>e</u> twork |
| | Drives: | |

47 Click [OK] button.



48 Select [NDIS[PPPoE] Usermode I/O Protocol], click [OK].

| Select N | etwork Protocol 🔀 |
|---------------------|---|
| Ţ | Click the Network Protocol that you want to install, then click OK. If you have an installation disk for this device, click Have Disk. |
| Mode <u>i</u> s: | |
| Y [™] NDI: | S(PPPoE) Usermode I/O Protocol |
| | |
| | Have Disk |
| | OK Cancel |

49 Click [OK] button.

| Network | | | | |
|--|--|--|--|--|
| Configuration Identification Access Control | | | | |
| | | | | |
| The following <u>n</u> etwork components are installed: | | | | |
| 📇 Client for Microsoft Networks | | | | |
| ■III Dial-Up Adapter | | | | |
| Microsoft Virtual Private Networking Adapter | | | | |
| 🐨 NDIS(PPPoE) Usermode I/O Protocol -> Dial-Up Adapter 💌 | | | | |
| | | | | |
| | | | | |
| Add Remove Properties | | | | |
| Primary Network Logon: | | | | |
| Client for Microsoft Networks | | | | |
| | | | | |
| Elle and Print Sharing | | | | |
| Description | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| OK Cancel | | | | |

50 The dialog window shown below will appear, click the [Yes] button, and restart your PC.

| System Settings Change | | | | |
|------------------------|--|--|--|--|
| ? | ? You must restart your computer before the new settings will take effect. | | | |
| | Do you want to restart your computer now? | | | |
| | <u>Y</u> es <u>N</u> o | | | |

Installation for Windows98 Se

- 1 Turn on the power to the computer.
- 2 Insert the provided Software Utility CD into your CD-ROM drive.Don't insert iBurst Access Card into your PC card slot when installation is running.
- 3 iBurst Setup starts, click the [Next] button.



4 Select [I accept the terms the license agreement], click the [Next] button.



5 Click the [Next] button after appearing dialog window as shown below.



6 Click the [Next] button.



7 The following dialog window will appear, and installation of software begins.

| Setup Status | | |
|--------------|---|--|
| | Burst Setup is performing the sequested operations. Installing | |
| | | |
- 8 After software installation is finished, insert iBurst Access Card into your PC card slot.
- **9** If the operating system is able to recognize the inserted iBurst Access Card as a new installed hardware, [Add New Hardware Wizard] will begin and the dialog window as shown below will appear. and click the [Next] button in the dialog window.



10 Select [Search for the best driver for your device.(Recommended)], and click [Next] button.

| What do you want Windows to do? Search for the best driver for your device. [Recommended]. Display a list of all the drivers in a specific location, so you can select the driver you want. |
|---|
| < <u>B</u> ack Next > Cance |

11 Then, mark the check box labeled [Specify a location] and click the [Browse] button.

| | Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search. Eloppy disk drives <u>C</u> D-ROM drive <u>Microsoft Windows Update</u> Specify a Jocation: |
|----------|--|
| ~ | ■ Browse < <u>B</u> ack Next > Cancel |

12 Select [C:¥Program Files¥iBurst¥bin], and click the [OK] button.



13 Click the [Next] button.

| Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search. □ Eloppy disk drives □ CD-ROM drive □ Microsoft Windows Update ✓ Specify a location: ○:¥Program Files¥iBurst¥bin ▼ |
|---|
| < Back Next > Cancel |

14 Make sure that the device name [iBurst Modem] is displayed in the dialog window, then click the [Next] button.



15 If the dialog window shown below appears,then insert [Windows98Se CD-ROM] into your PC and click the **[OK]** button.



16 Click the [Finish] button.



17 The dialog window shown below will appear, click the [Yes] button, and restart your PC.



18 Click the [Start] button, followed by selecting [Control Panel] as shown below.Click [Add New Haeware].

| 🗟 Control Panel | | | | | | |
|---|---------------------------------|------------------------------|------------------------|--------------------------|---------------------|------------|
| <u>F</u> ile <u>E</u> dit <u>V</u> iew <u>G</u> o | F <u>a</u> vorites <u>H</u> elp | | | | | <u>11</u> |
| Back Forward | Dp Cut | Copy Past |) 🖄 e Undo |) Delete | Properties V | iews 🗸 |
| 🛛 Address 🐼 Control Panel | | | | | | • |
| | Accessibility Options | Add New Hardware | Add/Remove Programs | Date/Time | Display | Fonts |
| Panel | P. | S | | | õ | <u>60</u> |
| Add New Hardware | Game Controllers | Internet Options | Keyboard | Modems | Mouse | Multimedia |
| your system. | ₽Ŷ | S ? | % | | ų | J |
| <u>Microsoft Home</u> <u>Technical Support</u> | Network | ODBC Data Sources (32bit) | Passwords | PC Card (PCMCIA) — | Power Management | Printers |
| | | _ | | 2 | <u>.</u> | |
| | Regional Settings | Sounds | System | Telephony | Users | |
| | | | | | | |
| | | | | | | |
| I | Adds | s new hardware to | o your system. | 🛄 My Co | mputer | // |

19 Click [Next].



20 Click [Next].

| Add New Hardware Wiz | ard |
|----------------------|--|
| | Windows will now search for any new Plug and Play devices on your system. Your screen may go blank during this process. This is normal. To continue, click Next. |
| | < <u>B</u> ack Next> Cancel |

21 Check [No, the device isn't in the list], and click [Next].

| Add New Hardware Wiz | ard |
|----------------------|--|
| | Is the device that you want to install listed below? No, the device isn't in the list. Yes, the device is in the list. Select the device that you want to install, and then click Next. Devices: |
| | < <u>B</u> ack Next> Cancel |

22 Check [No,I want to select the handware from a list.], and click [Next].



23 Select [Ports [COM & LPT]], and click [Next].



24 Click [Have Disk..] button.

| Add Nev | v Hardware Wizard | | | | | | | |
|--|--|---|--|--|--|--|--|--|
| Ĵ | Select the manufacturer and model of your hardware. | | | | | | | |
| 1- | If your hardware is not Disk.If your hardware i hardware type. | If your hardware is not listed, or if you have an installation disk, click Have Disk.If your hardware is still not listed, click Back, and then select a different hardware type. | | | | | | |
| <u>M</u> anufac | oturers: | Models: | | | | | | |
| <mark>(Standa</mark> (Standa Hewleti | ard port types) ard Ports) t Packard | Communications Port ECP Printer Port Printer Port | | | | | | |
| | | Have Disk | | | | | | |
| | | < <u>B</u> ack Next> Cancel | | | | | | |

25 Click [Brouse..] button.



26 Select [C:¥Program Files¥iBurst¥bin¥ibvcom9x.inf],and click [OK].

| Open | | <u>?×</u> |
|--|---|----------------------------------|
| File <u>n</u> ame: ibvcom9x.inf ibvmdm9x.inf netibst.inf nipoe9x.inf | Eolders: c:\Program Files\iBurst\bin | OK Cancel N <u>e</u> twork |
| | Drives: | |

27 Click [OK].



28 Select [iBurst Virtual COM Port], and click [Next].

| Add Nev | w Hardware Wizard |
|------------------|--|
| Į | Select the manufacturer and model of your hardware. If your hardware is not listed, or if you have an installation disk, click Have Disk.If your hardware is still not listed, click Back, and then select a different hardware type. |
| Mo <u>d</u> els: | Virtual COM Port |
| | <u>H</u> ave Disk < <u>B</u> ack Next > Cancel |

29 Click [Next].

| Add New | Hardware Wizard | | |
|---------|---|--|--|
| Ţ | Windows can install y Warning: Your hardw use Device Manager Click start, point to Se the Device Manager documentation that co To continue installing | our hardware, using the following setting vare may not be set to use the resources to adjust these settings before restarting titings, click Control Panel, click System, tab. To change your hardware settings, ame with your hardware. the software needed by your hardware, | js. listed. You can your computer. and then click see the click Next. |
| | Resource type Input/Output Range Interrupt Request | Setting XXXX - XXXX XX - XX | <u>Print</u> |
| | | < Back Next > | Cancel |

30 If the dialog window shown below appears, then insert [Windows98Se CD-ROM] into your PC and click the [OK] button.



31 Click [Finish].



32 The dialog window shown below will appear, click the [Yes] button, and restart your PC.



33 Click the [Start] button, followed by selecting [Control Panel] as shown below. Click [Modems].

| Control Panel | | | | | | | |
|--|-----------|--------------------------|------------------------------|------------------------|---------------------|---------------------|------------|
| _ <u>E</u> ile <u>E</u> dit <u>V</u> iew <u>G</u> o | Fgvorites | Help | | | | | 10 |
| $\begin{array}{c} \leftarrow \\ \hline \\$ | ti Up | y, | Copy Past | යි) Undo | Delete | Properties V | ews |
| Address 🞯 Control Panel | | | | | | | • |
| Control | | Accessibility Options | Add New Hardware | Add/Remove Programs | Date/Time | Display | Fonts |
| Panel | | es. | St. | | ۷ | õ | 50 |
| Modems | | Game Controllers | Internet Options | Keyboard | Modems | Mouse | Multimedia |
| Installs a new modem and changes modem properties. | | ₽ <u>₿</u> | 2 | \$ | | ų | S |
| Microsoft Home | | Network. | ODBC Data Sources (32bit) | Passwords | PC Card (PCMCIA) | Power Management | Printers |
| Technical Support | | S | 1 | <u> </u> | 2 | <u> </u> | |
| | | Regional Settings | Sounds | System | Telephony | Users | |
| | | | | | | | |
| | | | | | | | |
| | | Insta | ls a new modem | and changes m | od 鷠 My Cor | mputer | |

34 If the dialog window shown below appears, click the [Add] button.(If your computer has never had a modem, skip this step and go to next step [Install New Modem].)

| Modems Properties |
|--|
| General Diagnostics |
| The following modems are set up on this computer: |
| Standard 56000 bps V90 Modem |
| Add Remove Properties |
| Dialing preferences Dialing from: New Location |
| Click Dialing Properties to modify how your calls are dialed. Dialing Properties |
| |
| OK Cancel |

35 Check [other], and click [Next].



36 Mark the check box labeled [Don't detect my modem,I will select it from a list] and click the [Next] button.



37 Click [Have Disk...].



38 Click [Browse] button.



39 Select [C:¥Program Files¥iBurst¥bin¥ibvmdm9x.inf],and click [OK].

| Open | | ?× |
|--|---|----------------------------------|
| File name: ibvmdm9x.inf ibvcom9x.inf ibvmdm9x.inf netibst.inf nipoe9x.inf | Eolders: C:\Program Files\iBurst\bin C:\ Program Files C: Burst Din | OK Cancel N <u>e</u> twork |
| | Drives: | |

40 Click [OK].



41 Select [iBurst Virtual MODEM], and click [Next].

| Install N | e w Modem |
|--|---|
| | Click the manufacturer and model of your modem. If your modem is not listed, or if you have an installation disk, click Have Disk. |
| Mode <u>l</u> s <mark>, iBurst V</mark> | /irtual MODEM |
| | <u>H</u> ave Disk |
| | < <u>B</u> ack Next> Cancel |

42 Select [iBurst Virtual COM Port (COM X)], and click [Next].



43 Click [Finish] button.



44 Click [OK] button.

| Modems Properties |
|--|
| General Diagnostics |
| The following modems are set up on this computer: |
| Burst Virtual MODEM |
| Add Remove Properties |
| Dialing preferences |
| Dialing from: New Location |
| Click Dialing Properties to modify how your calls are dialed. |
| Dialing Properties |
| |
| Cancel |

45 Click the [Start] button, followed by selecting [Control Panel] as shown below. Click [Network].



46 Click [Add] on Configulation tab.

| Network |
|---|
| Configuration Identification Access Control |
| |
| The following <u>n</u> etwork components are installed: |
| 🔜 Client for Microsoft Networks |
| 🕮 Dial-Up Adapter |
| Burst Modem |
| Wicrosoft Virtual Private Networking Adapter |
| NDIS(PPPoE) Usermode I/U Protocol -> Dial-Up Adapter |
| |
| |
| Add Remove Properties |
| Primary Network Logon: |
| Client for Microsoft Networks |
| |
| File and Print Sharing |
| |
| |
| |
| |
| |
| |
| OK Cancel |
| |

47 Select [Protocol] and click [Add...] button.

| elect Network Component Type | ? × |
|---|--------|
| Click the type of network component you want to install: | |
| a cient ∎⊉Adapter Y Protocol | Cancel |
| Service | |
| Protocol is a "language" a computer uses. Computers must use the same protocol to communicate. | |

48 Click [Have Disk...] button.

| Select Network Protocol | × |
|--|---|
| Click the Network Pro an installation disk for | otocol that you want to install, then click OK. If you have this device, click Have Disk. |
| Manufacturers: Banyan BM Microsoft NEC Infrontia, Novell Robert Schlabbach | Network Protocols: Panyan VINES ethernet Protocol Banyan VINES token ring Protocol |
| | Have Disk |
| | OK Cancel |

49 Click [Brouse] button.



50 Select [C:¥Program Files¥iBurst¥bin¥nipoe9x.inf], and click the [OK] button.

| Open | | <u>? ×</u> |
|---|---|----------------------------|
| File <u>n</u> ame: nipoe9x.inf | <u>F</u> olders: C:\Program Files\iBurst\bin | ОК |
| ibvcom9x.inf ibvmdm9x.inf netibst.inf | 🔄 c:\ 🗾 🖂 | Cancel N <u>e</u> twork |
| nipoe9x.inf | 🔄 iBurst | |
| | | |
| | Drives: | |

51 Click [OK] button.



52 Select [NDIS[PPPoE] Usermode I/O Protocol], click [OK].

| Select N | etwork Protocol 🛛 |
|---------------------|---|
| ¥. | Click the Network Protocol that you want to install, then click OK. If you have an installation disk for this device, click Have Disk. |
| Models: | |
| <mark>¥⊤nd</mark> i | S(PPPoE) Usermode I/O Protocol |
| | Have Disk |
| | OK Cancel |

53 Click [OK] button.

| Network |
|--|
| Configuration Identification Access Control |
| The following methods are seen to be installed. |
| |
| Ulent for Microsoft Networks |
| |
| Barconsoft Virtual Private Networking Adapter |
| 🍯 NDIS(PPPoE) Usermode I/O Protocol -> Dial-Up Adapter 💌 |
| |
| |
| Add Remove Properties |
| Primary Network Logon: |
| Client for Microsoft Networks |
| |
| <u>File and Print Sharing</u> |
| Description |
| |
| |
| |
| |
| OK Cancel |

54 The dialog window shown below will appear, click the [Yes] button, and restart your PC.



55 Click "Start" "Programs" "Accessories" "Communications" "Dial-Up Networking",[Dial-Up Networking] window will appear. If [Welcome to Dial-Up Networking] dialog window is displayed, then click [Next]. Double click [Make New Connection] icon if the dialog window is not displayed.

| Dial-Up Networking | | | | | L | - 🗆 × |
|---|------------------------------------|---------------|-------|--------------|-------------------|-------|
| <u>File E</u> dit <u>V</u> iew <u>G</u> o F <u>a</u> vorite | s <u>C</u> onnections <u>H</u> elp | | | | | |
| ↔ → → till Back Forward Up | Create Dial Cu | / 🗋 t Copy | Paste | い) Undo [| Nelete Properties | >> |
| ddress 😰 Dial-Up Networking | | | | | | • |
| | Entry name | | Phone | Device name | Status | |
| Dial-Up Networking | | | | | | |
| Make New Connection The Make New Connection wizard walks you step-by- step through adding Dial-Up Networking connections. Just follow the instructions | | | | | | |
| · · · · · | | | | | | |

56 Enter "iBurst connection" on [Type a name for...] EditBox, and select "iBurst Virtual MODEM", then click the [Next] button.

| Make New Connection | × |
|---------------------|---|
| | Image: |
| | < <u>B</u> ack <u>N</u> ext > Cancel |

57 Select "United States of America" on [country/region], and enter "0000" on [area code] editbox, "000000" on [Telephone number] editbox, then check "Tone dialing" on [phone system] and click [OK]

| Make New Connection | × |
|---------------------|--|
| | Type the phone number for the computer you want to call: Area code: |
| | < <u>B</u> ack Next> Cancel |

58 Click [Finish].



59 If the icon of [iBurst connection] is displayed on [Dial-Up Networking] window, right click the icon and select [Properties].



60 Select [Server Types] tab.

| Burst connection ? 🗙 |
|--|
| General Server Types Scripting Multilink |
| iBurst connection |
| Phone number: |
| Area code: Telephone number: |
| - 0000 |
| Country code: |
| United States of America (1) |
| Use area code and Dialing Properties |
| Connect using: |
| Burst connection |
| Configure |
| |
| |
| |
| OK Cancel |

61 Remove a check for [Enable software compression] and Click [TCP/IP Settings].

| iBurst connection |
|---|
| General Server Types Scripting Multilink |
| Type of Dial-Up <u>S</u> erver: |
| PPP: Internet, Windows NT Server, Windows 98 |
| -Advanced options: |
| Log on to network |
| Enable software compression |
| Require encrypted password |
| Require <u>d</u> ata encryption |
| ☐ <u>B</u> ecord a log file for this connection |
| Allowed network protocols: |
| ☐ <u>N</u> etBEUI |
| IPX/SPX Compatible |
| ICP/IP [TCP/IP Settings] |
| |
| OK Cancel |

62 Remove a check for [User IP header compression] and Click [OK].

| TCP/IP Settings | | ? × |
|--|---|-----|
| Server assigned IP Specify an IP address | address | |
| IP <u>a</u> ddress: | 0.0.0.0 |] |
| Server assigned na C Specify name server | me server addresses er addresses | |
| Primary DNS: | 0.0.0.0 |] |
| Secondary D <u>N</u> S: | 0.0.0.0 |] |
| Primary <u>₩</u> INS: | 0.0.0.0 |] |
| Secondary WINS: | 0.0.0.0 |] |
| ☐ Use IP header com | pression y on remote network OK Cance | 21 |

63 Select [MultiLink] tab and check [Do not use additonal deveices]. Click [OK] button.

| iBurst connection |
|--|
| General Server Types Scripting Multilink |
| Do not use additional devices |
| C Use additional devices |
| |
| |
| |
| |
| |
| |
| |
| Selected device: |
| A <u>dd B</u> emove <u>E</u> dit |
| |
| |
| UK Cancel |

Installation for Mac OS X

- 1 Turn on the power to the computer.
- 2 Insert the provided Software Utility CD into your CD-ROM drive.Don't insert iBurst Access Card into your PC card slot when installation is running.
- 3 iBurst Setup starts, Enter user name and password. Click [OK] button.

| Authe | enticate |
|---------------------|--------------------------------|
| Installer requires | that you type your passphrase. |
| Name: | |
| Password or phrase: | |
| Details | |
| ? | Cancel OK |

4 Click the [Continue] button.

| 0.0.0 | Install illurst Access Card |
|---|---|
| | Welcome to the iBurst Access Card Installer |
| eletroduction sufferense seleter Destinatione eletrotationely Type eletrotationely Type eletrotationeletrotationeletrotationeletrotationeletrotationeletrota | Welcome to the Mac OS X Installation Program. You will be guided through the steps necessary to install this software. |
| | (Co Fact) Continue |

5 Click the [Continue] button.



6 The following dialog window will appear, click the [Agree] button.



7 Select a destination disk, then click the [Continue] button.



8 Click the [Install] button after appearing dialog window as shown below.

| 000 | Install illurst Access Card |
|--|---|
| | Easy Install |
| e Introduction Oličense ID Select Destination ID Installation Type In containing In Int Str. Op | Click Install to perform a basic installation of this software package. |
| 1 | (Customize) (Go Back (Install) |

9 Click the [Continue installation] button.



10 When the installing process finishes, the dialog window shown below will appear. Click the [Restart] button in the dialog window.

| | Install Software |
|--|--|
| Olivroduction OUcense O Select Destination O Installation Type O Installation O Finish Up | The software was successfully installed |
| | Click Restart to finish installing the software. |
| / | Co Set. |

Connection Establishment

Connection Establishment for Windows XP

As Windows XP operating system supports PPPoE protocol, we don't use connection application for iBurst to configure network conection.

1 Click the [Start] button, followed by selecting [Control Panel] as shown below.



2 Click [Network and Internet Connections] in the [Control Panel] display.



3 Next, click [Set up or Change your Internet connection].



4 When the [Internet Properties] dialog window appears, click the [Setup] button.



5 [New Connection Wizard] will begin and the dialog window as shown below will appear. Click the [Next>] button in the dialog window.



6 Select [Connect to the Internet] and click the [Next>] button.

| nail |
|----------------------|
| mail. |
| |
| |
| n work from home, |
| |
| new one. |
| |
| a initiared port, or |
| |
| L |

7 Select [Set up my connection manually] and click the [Next>] button.



8 Select [Connect using a broadband connection that requires a user name and password] and click the [Next>] button.

| How do you | ection want to connect to the Internet? |
|----------------------------------|---|
| O Connect | t using a dial-up modem |
| This type | of connection uses a modem and a regular or ISDN phone line. |
| Connect passwort | t using a broadband connection that requires a yser name and d |
| This is a refer to the | high-speed connection using either a DSL or cable modern. Your ISP may is type of connection as PPPoE. |
| Connect This is a connecti | t using a broadband connection that is glways on high-speed connection using either a cable modern, DSL or LAN on. It is always active, and doesn't require you to sign in. |
| | |

9 Fill in [ISP Name] edit box with an ISP Name, followed by clicking the [Next>] button. Note that any ISP name is acceptable.

| Connection N What is the | ame name of the service that provide | s your Internet conr | ection? | 4 |
|-----------------------------|---|----------------------|---------|---|
| Type the nar | ne of your ISP in the following bo | ĸ. | | |
| ISP Name | | | | |
| 1 | | | | |
| | | | | |
| | | | | |

10 Enter user name and password and make sure that the [Make this the default Internet connection] check box is checked. Click the [Next>] button.

| ernet Account Info You wil need an acc | mation ount name and password to sign in to your Internet account. | | |
|---|--|--|--|
| Type an ISP account rafe place. (If you ha | name and password, then write down this information and store it in we forgotten an existing account name or password, contact your ISI | | |
| User name: | XXXXXX | | |
| Password | | | |
| Confirm password | | | |
| Uge this account this computer | name and password when anyone connects to the Internet from | | |
| Make this the de | ault Internet connection | | |
| | | | |

11 Click the [Finish] button.



12 When the [Network and Internet Connection] window pane appears again, click [Set up change your Internet Connection].



13 When the [Internet Properties] dialog window appears and the [Connections] pane is displayed, confirm the connection name and make sure that the [Always dial my default connection] radio button is checked, followed by clicking the [Apply] button. Then, click the [OK] button to close the dialog window.



14 At this point, the connection configuration is complete. When you call Internet Explorer program, [Dial-up Connection Wizard] will begin and the [Dial-up Connection] dialog window as shown below will appear. Click the [Connect] button to connect to the network.

| Dial-up Com | nection 🛛 🔀 |
|-----------------------|---|
| Sele to, a pass | ct the service you want to connect nd then enter your user name and word. |
| Co <u>n</u> nect to: | XXXXX 🗸 |
| <u>U</u> ser name: | XXXXX |
| <u>P</u> assword: | •••• |
| | ✓ Save password ☐ Connect <u>a</u> utomatically |
| <u>C</u> onnect | Se <u>t</u> tings Work <u>O</u> ffline |
| 5 | |
| | |
| | |
| | |

15 When the connection establishment process is complete, a message indicating the completion of the connection completion will at the task tray as shown below.



Connection Establishment for Windows 2000/Me/98Se

For Windows 2000, Windows Me and Windows98Se, a connection application for iBurst is used.

- 1 Double click the shortcut on the computer's desktop which was created by iBurst connection application.
- 2 Enter user name and password and Click the [Connect] button.

| Welcome to | o iBurst | <u>×</u> |
|----------------------------|---|--------------------------|
| Welcome to | iBurst! | NIL |
| Please ente password to | r your username and blegin using iBurst. | ₹ ,iBurst |
| Username: | xxxxx | |
| <u>P</u> assword: | | |
| | Enter my password auton | natically in the future. |
| | Connect | Dancel |

3 While connecting to network, the following connection status window is displayed.

| i-BURST Connect | × |
|-------------------|----------------|
| | |
| Verifying usernam | e and password |
| | |
| | Cancel |

4 If connection is successful, connection icon will be displayed on the taskbar.



Connection Establishment for Mac OS X

As Mac OS X operating system supports PPPoE protocol, we don't use connection application for iBurst to configure network conection.

1 Select [Systen Preferences...] on the Apple menu.



2 Double click [Network] in the [System Preferences] window.



- Click on drop down [Show] menu, and select [Ethernet Adptor (enX)] in the [Network] window.
 Click on the PPPoE tab.
 - Check off Connect using PPPoE.
 - Enter Account Name as provided by your ISP.
 - Enter Password as provided by your ISP.
 - Check off [Save password] If you require the computer to remember your password.
 - When you require the computer to connect or disconnect automatically,Click on [PPPoE Options...]

| SHOW AN | Locatio | n: Automatic | |
|---------|------------------------|---|---|
| Show: | Ethernet Adaptor (en1) | | |
| | TCP/IP | PPPoE AppleTalk Proxies | 1 |
| | | Connect using PPPoF | |
| | Service Provider: | | (Optional) |
| | Account Name: | XXXXXXXXXX | |
| | Password: | | 1 |
| | PPPoE Service Name: | - | (Optional) |
| | | Save password Checking this box allows all users o access this Internet account without | f this computer to entering a password |
| | | (PPPoE Options) | |
| | | The contraction of the second second second | |

4 Under Session Options check the boxes when needed, then click on [OK].

| 000 | | Network | |
|------------|--------------------------------|--|--|
| 1 | Session Options | s: | |
| Show All D | Connect a | utomatically when ne | eded |
| | Prompt ev | ery 30 minutes to n | naintain connection |
| | Disconnec | t if idle for 30 minu | ites |
| Show: Et | 🗹 Disconnec | t when user logs out | |
| | Advanced Optio | ons: | |
| | Send PPP e | echo packets | |
| | V lice verbo | se looping | |
| | | (6 | ancel OK |
| | Password: | (G | ancel DK |
| pp | Password: PoE Service Name: | | (Optional) |
| pp | Password: PoE Service Name: | Ca ✓ Save password Checking this box all access this Internet a | IOptional) |
| pp | Password: PoE Service Name: | Save password Checking this box all access this Internet a (PPPOE Options | IOptionali IOptionali Iows all users of this computer to account without entering a password. |

5 Click [Apply Now] .

| 900 | | Network | |
|----------|-----------------------|---|---|
| Show All | Displays Sound Netwo | k Startup Disk | |
| | Locatio | n: Automatic | |
| Show: | thernet Adaptor (en1) | | |
| | TCP/IP | PPPOE AppleTalk Pro | oxies |
| | | Connect using PPPoE | |
| | Service Provider: | [| (Optional) |
| | Account Name: | XXXXXXXXXX | |
| - | Password: | | |
| | PPPoE Service Name: | | (Optional) |
| | | Save password Checking this box allows all access this Internet account | users of this computer to without entering a password. |
| | | (PPPoE Options) | |
| | | | |

6 Click the <····> icon at top right of screen, select [Open Internet Connect...].

| 🐟 🔳 📢 🕢 (0:16) | 0 |
|--------------------------|-----|
| PPPoE: Idle | |
| Connect | |
| ✓ Ethernet Adaptor (en1) | |
| Open Internet Connect | |
| 100 | 100 |

7 Click on drop down Configuration menu, and select [Ethernet Adaptor (enX)]. The configuration of Ethernet adaptor (enX) will be displayed, click [Connect].

| 000 | Ethernet Adaptor (en1) | |
|-----------------------|-----------------------------------|-------|
| Configuration: | Ethernet Adaptor (en1) | : |
| Service Provider: | | |
| Name: | xxxxxxxx | |
| Pas sword: | | |
| | Show PPPoE status in menu bar | |
| These settings can be | e changed in Network Preferences. | |
| Status: Idle | Co | nnect |

8 When the box Show PPPoE status in menu bar is checked, PPPoE Status Connected to xxx.xxx.xxx will be displayed after having finished connection.

| 00 | Ethernet Adaptor (en1) | |
|-------------------------|--------------------------------|------------|
| Configuration: | Ethernet Adaptor (en1) | : |
| Service Provider: | | |
| Name: | xxxxxxxx | |
| Password: | •••• | |
| | Show PPPoE status in me | nu bar |
| These settings can be | changed in Network Preferences | Edit |
| Status: Connected to 19 | 2.168.100.1 | |
| Send: | | |
| Receive: | | |
| Connect Time: 00:00:29 | | |
| IP Address: 192.168 | .100.2 | Disconnect |

Chapter 3 Utility Software

This chapters describe the features and usage of the utility software for iBurst Access Card.

Using Utility Software

Using Utility Software for Windows

How to display utility dialog window

1 To open the utility dialog window, click the icon **IB** on the computer's task tray. When the window opens, the [Link Info] pane will be displayed as shown below.

| i | B | iBurst_UTL | × |
|---|----|---|---|
| | (î | Link Info Setup About | |
| | | UTID 000000000000000000000000000000000000 | |
| | | Status Link Status : No Connect | |
| | | Link Speed Down: 0 kbps Up:0 kbps | |
| | | Frame Error Rate : 0.00 % | |
| | | Signal Strength Excellent(100%) | |
| | | | |
| | | Current Data Rate (kbps) | |
| | | Download Upload | |
| | | 0 0 | |
| | | Total Byte Received 0 | |
| | | Total Byte Sent 0 | |
| | | OK Cancel Help | |

2 To close the utility dialog window, click the [OK] button or the [Cancel] button or the X mark at upper-left corner of the dialog window.

Link Info Pane

Link Info pane can be displayed in the main dialog window by clicking the [Link Info] tab. Generally, the elements in the Link Info pane give information about the communication link between iBurst Access Card and the access point to the network.

| | iB iBurst_UTL |
|-----|--|
| | Link Info Setup About |
| (1) | →UTID 0000000000000 |
| (2) | Status Link Status : Connect |
| (3) | → Link Speed Down : 1023 kbps Up : 25 kbps |
| (5) | Frame Error Rate : 1.83 % |
| | |
| | Current Data Rate (kbps) |
| | Download Upload |
| | 1042 34 |
| (7) | ► Total Byte Received 2613189 |
| (8) | Total Byte Sent 91137 |
| | |
| | OK Cancel Help |

The following describes each item of the Link Info pane.

(1) **UTID**

UTID is used as the identifier of iBurst User Terminal.

(2) Link Status

Link Status indicates connection state of the communication link between iBurst Access Card and the access point.

Connected : The link is connected.

No Connected : iBurst Access Card is inserted in the PC Card slot but the link is not connected.

NoCard : There is no iBurst Access Card inserted in the PC Card Slot.

(3) Link Speed

Link Speed indicates speed of the link in both down and up direction.
(4) Frame Error Rate

Frame Error Rate indicates the FER of the received data.

(5) Signal Strength

Signal Strength indicates the signal strength of the received signal. Here, two kinds of indicators, percentage indicator and 5-step indicator, are used to indicate the received signal strength.

The percentage indicator is the RSSI value in percent. On the other hand, the 5-step indicator shows performance of the received signal in words as follows.

| No Signal | : RSSI = 0% | |
|-----------|---------------------------|---------------|
| Poor | : RSSI is in the range of | $1 \sim 24\%$ |
| Fair | : RSSI is in the range of | 25 ~ 49% |
| Good | : RSSI is in the range of | 50 ~ 74% |
| Excellent | : RSSI is in the range of | 75 ~ 100% |

(6) Current Data Rate

Current Data Rate indicates the current transmission throughput and the reception throughput.

(7) Total Byte Received

Total Byte Received indicates the total number of bytes of the data which iBurst Access Card has received from the access point since the communication link is established.

(8) Total Byte Sent

Total Byte Sent indicates the total number of bytes of the data which iBurst Access Card has transmitted to the access point since the ommunication link is established.

Setup Pane

Setup pane can be displayed in the main dialog window by clicking the [Setup] tab. Setup pane is used to configure the display items in the Link Info pane.



The following describes usage of each item of the above figure.

- (1) Check the [ON] radio buttons at the right hand side of the items you want to display in the Link Info pane.
- (2) Check the [OFF] radio buttons at the right hand side of the items you don't want to display in the Link Info pane.
- (3) The configuration shown in the Display Setup subpane is activated by checking the [Apply] button.
- (4) The configuration in the Setup pane can be set to default (Default is the state in which all radio buttons on the right hand side of display items are set to "ON".) by clicking the [Reset] button.
- (5) By clicking the **[Ok]** button, the current configuration will be activated and the dialog window will be closed.
- (6) By clicking the [Cancel] button, the dialog window will be closed but the current configuration won't be activated.

About Pane

About pane is used to display the version numbers of utility, software and hardware and show copyright notice.



The following describes the function of each item of the About pane.

- (1) This shows the version number and the release date of the Utility Software.
- (2) This shows the firmware version and the build date of iBurst Access Card in use.
- (3) This shows the hardware version and the buld date of iBurst Access Card in use.

Icon Display in Tasktray

When the utility software for iBurst Access Card is active, an icon of the utility software will be displayed in the task tray of the computer monitor according to communication activities on iBurst Access Card.



The following shows the relation between the icons to be displayed in computer's task tray and activities on iBurst Access Card.

| Icon | Activities on iBurst Access Card |
|------|--|
| 18 | iBurst Access Card is not inserted in the PC Card slot. |
| iB | There is no action of transmission or reception on iBurst Access Card. |
| B | iBurst Access Card is transmitting data. |
| iB | iBurst Access Card is receiving data. |
| iB | iBurst Access Card is both transmitting and receiving data. |

From the task tray icon, user may also get information of **Link Status**, **Total Byte Received**, **Total Byte Sent**, **Signal Strength**, which is displayed in the Link Status pane of the utility dialog window, without opening the dialog window. This can be done by placing the mouse's pointer over the currently displayed icon of the utility software. The below figure shows an image of what happens when the mouse pointer is placed on the task tray icon.

| Connected:Link xxxx:Rcvd xxxx:Sent xxxx:SignalGood(xx%) | |
|---|-------|
| | 10:24 |

Using Utility Software for Mac OS X

How to display utility dialog window.

1 Double click the iBurst icon from the Dock.



2 The Link display window appears, and the status of iBurst Access Card will be displayed.

| | Setup About |
|--|--|
| TID 000000000000 | 000 |
| Link Status Co | onnect |
| Link Speed (kbps) DC | OWN:1032 UP:12 |
| Eramo Error Pate 1 | 17% |
| riane chui kate 1. | 17 /0 |
| Signal Strength | Excellent (100%) |
| Signal Strength | Excellent (100%) |
| Signal Strength | Excellent (100%) |
| Signal Strength — CurrentDataRate (k Download | Excellent (100%) |
| Signal Strength _ CurrentDataRate (k Download | Excellent (100%) (bps) Upload 17 |
| CurrentDataRate (k Download 1142 Total Byte Recei | Excellent (100%) (bps) Upload 17 ved 7410984 |

Link Info

Link Info pane can be displayed in the main dialog window by clicking the [Link Info] tab. Generally, the elements in the Link Info pane give information about the communication link between iBurst Access Card and the access point to the network.

| UTID 000000000000 | 00 |
|--|---------------------------------------|
| Link Status Cor Link Speed (kbps) DO | nnect WN:1032 UP:12 |
| Frame Error Kate 1.1 | Fxcellent (100%) |
| -signal strength | Excellent (100%) |
| CurrentDataRate (kt | bps) 4 |
| CurrentDataRate (kt | bps) |
| CurrentDataRate (kk Download 1142 | bps) Upload |
| CurrentDataRate (kt Download 1142 Total Byte Receiv | bps) ← Upload 17 red 7410984 |

The following describes each item of the Link Info pane.

(1) **UTID**

UTID is used as the identifier of iBurst Access Card.

(2) Link Status

Link Status indicates connection state of the communication link between iBurst Access Card and the access point.

Connected : The link is connected.

No Connected : iBurst Access Card is inserted in the PC Card slot but the link is not connected.

NoCard : There is no iBurst Access Card inserted in the PC Card Slot.

(3) Link Speed

Link Speed indicates speed of the link in both down and up direction.

(4) Frame Error Rate

Frame Error Rate indicates the FER of the received data.

(5) Signal Strength

Signal Strength indicates the signal strength of the received signal. Here, two kinds of indicators, percentage indicator and 5-step indicator, are used to indicate the received signal strength. The percentage indicator is the RSSI value in percent. On the other hand, the 5-step indicator shows performance of the received signal in words as follows.

| No Signal | : RSSI = 0% | |
|-----------|---------------------------|---------------|
| Poor | : RSSI is in the range of | $1 \sim 24\%$ |
| Fair | : RSSI is in the range of | 25~49% |
| Good | : RSSI is in the range of | 50~74% |
| Excellent | : RSSI is in the range of | 75 ~ 100% |

(6) Current Data Rate

Current Data Rate indicates the current transmission throughput and the reception throughput.

(7) Total Byte Received

Total Byte Received indicates the total number of bytes of the data which iBurst Access Card has received from the access point since the communication link is established.

(8) Total Byte Sent

Total Byte Sent indicates the total number of bytes of the data which iBurst Access Card has transmitted to the access point since the communication link is established.

Setup Pane

Setup pane can be displayed in the main dialog window by clicking the [Setup] tab. Setup pane is used to configure the display items in the Link Info pane.



- (1) Check the [ON] radio buttons at the right hand side of the items you want to display in the Link Info pane.
- (2) Check the [OFF] radio buttons at the right hand side of the items you don't want to display in the Link Info pane.
- (3) The configuration shown in the Display Setup subpane is activated by checking the [Apply] button.
- (4) The configuration in the Setup pane can be set to default (Default is the state in which all radio buttons on the right hand side of display items are set to "ON".) by clicking the [Reset] button.

About Pane

About pane is used to display the version numbers of utility, software and hardware and show copyright notice.



The following describes the function of each item of the About pane.

- (1) This shows the version number and the release date of the Utility Software.
- (2) This shows the firmware version and the build date of iBurst Access Card in use.
- (3) This shows the hardware version and the buld date of iBurst Access Card in use.

Menu Bar

It will be displayed when the iburst utility starts.



(1) iBurst_UTL menu

The menu is used to quit iBurst utility or to perform other operations.



(2) Display Setup menu

The menu is used to select displaying or undisplaying status information in the [Link Info] window.

The function is the same as that pushing the [Apply] button in the [Setup] window.

The checked items will be displayed, and the unchecked items will not be displayed in the Link Info window.



(2) Help menu

The [Help] window will appear when help menu is selected.



Icon Display in the Dock

When the utility software for iBurst Access Card is active, an icon of the utility software will be displayed in the Dock of the computer monitor according to communication activities on iBurst Access Card.



The following shows the relation between the icons to be displayed in the Dock and activities on iBurst Access Card.

| Icon | Activities on iBurst Access Card |
|-----------|--|
| iB | iBurst Access Card is not inserted in the PC Card slot. |
| iBurst | iBurst Access Card is inserted, and Signal Strength is No Signal. |
| Burst | iBurst Access Card is inserted, and Signal Strength is <i>Poor</i> . |
| iBurst | iBurst Access Card is inserted, and Signal Strength is Fair. |
| iBurst | iBurst Access Card is inserted, and Signal Strength is Good. |
| iBurst | iBurst Access Card is inserted, and Signal Strength is Excellent. |

Chapter 4 Uninstalling iBurst Software

This chapter describes how to uninstall iBurst software.

Uninstalling iBusrt Software

Uninstallation for Windows XP/2000

- 1 Close all programs that are currently running.
- 2 Remove the iBurst Access Card from the computer.
- 3 Click the [Start] button, followed by selecting [Control Panel] as shown below. Click [Add or Remove Programs].

| 🖻 Control Panel | | | | | |
|---------------------------------------|---|--|--|--|--|
| Eile Edit View Favorites Iools Help 🥂 | | | | | |
| 🕝 Back 👻 🕥 🗸 🏂 🔎 S | earch 😥 Folders 🛄 🕇 | | | | |
| Address 🚱 Control Panel | | 💌 🄁 Go | | | |
| | Name 🔺 | Comments | | | |
| Control Panel 🛞 | & Accessibility Options ≪Add Hardware | Adjust your computer settings for vision, Installs and troubleshoots hardware | | | |
| Switch to Category View | Add or Remove Programs | Install or remove programs and Windows Configure administrative settings for you | | | |
| Can Also | Date and Time | Set the date, time, and time zone for yo | | | |
| Windows Update | Display Folder Options Fonts Game Controllers Internet Options Keyboard Mouse | Change the appearance of your desktop Customize the display of files and folders Add, change, and manage fonts on your Add, remove, and configure game contr Configure your Internet display and con Customize your keyboard settings, such Customize your mouse settings, such as | | | |
| | Solutions | Connects to other computers, networks, | | | |
| | Priore and Modern Options | Configure energy-saving settings for yo | | | |
| | < | | | | |

4 Select [iBurst] software, and click the [Change/Remove] button.

| 🐻 Add or Re | mo | ve Programs | | |
|-------------------------------|----|--|---------------|--------------|
| | ^ | Currently installed programs: | Sort by: Name | ~ |
| C <u>h</u> ange or Remove | | ATI Control Panel | Size | 11.59MB |
| Programs | | 🛃 ATI Display Driver | | |
| - | | C Ethereal 0.9.12 | Size | 29.11MB |
| | | The second secon | Size | 147.00MB |
| Add <u>N</u> ew Programs | | iB iBurst | Size | 0.50MB |
| 1 rograms | | Click here for support information. | Used | occasionally |
| 6 | | | Last Used On | 11/11/2003 |
| Add/Remove | | To change this program or remove it from your computer Change/Remove. | r, click Chan | ge/Remove |
| <u>W</u> indows Components | | RPTrace | Size | 3.29MB |
| componence | | 🛃 WinPcap 2.3 | Size | 0.10MB |
| | | | | |
| Set Program | | | | |
| Defaults | ~ | | | |

5 Click the [OK] button after appearing dialog window as shown below.



6 The following dialog window will appear, and uninstallation of software begins.

| iBurst Set Up | |
|---------------|--|
| Setup Status | |
| | |
| | iBurst Setup is performing the requested operations. |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| InstallShield | Cancel |

7 Click the [Finish] button after appearing dialog window as shown below.



Uninstallation for Windows Me/98Se

- 1 Close all programs that are currently running.
- 2 Remove the iBurst Access Card from the computer.
- 3 Click the [Start] button, followed by selecting [Control Panel] as shown below. Click [Add/Remove Programs].



4 Select [iBurst] software, and click the [Add/Remove] button.

| Add/Remo | ve Programs Pro | perties | | | <u>? ×</u> |
|--|--|--|--|--|------------|
| Install/Uni | nstall Windows Se | etup Start | up Disk | | |
| 2 | To install a new p drive, click Install. | rogram from | n a floppy disk | t or CD-ROM | 1 |
| | | | | Install | |
| 3 | The following soft Windows. To rem components, sele Add/Remove. | ware can b ove a progr ct it from th | e automatica am or to mod e list and clicl | lly removed I ify its installe < | by ed |
| +Lhaca Etherea FFFTP iBTalk IBurst Intel(R) LiveUpo Norton / pcVtalk | 0.9.12 PRO Ethernet Adap ate 1.6 (Symantec antiVirus Corporate | oter and So Corporation Edition | ftware)] | | |
| | | | Ad | d/ <u>R</u> emove | |
| | 0 | к [| Cancel | Арр | ly l |

5 Click the [OK] button after appearing dialog window as shown below.



6 The following dialog window will appear, and uninstallation of software begins.

| iBurst Set Up | |
|---------------|--|
| Setup Status | |
| | |
| | iBurst Setup is performing the requested operations. |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| InstallShield | Cancel |

7 Click the [Finish] button after appearing dialog window as shown below.



8 Click the [Start] button, followed by selecting [Control Panel] as shown below. Click [System].



9 Select [iBurst Virtual MODEM] on Device Manager tab, then click the [Remove] button.

| System Properties |
|--|
| General Device Manager Hardware Profiles Performance |
| • View devices by type • • View devices by connection |
| Computer CDROM CDROM CDROM CDROM Disk drives Floppy disk controllers Floppy disk controllers Hard disk con |
| |
| Properties Refresh Remove Print |
| OK Cancel |

10 Click the [OK] button.



11 Select [iBurst Virtual COM Port(COMx)] on Device Manager tab, then click the [Remove] button.

| System Properties |
|--|
| General Device Manager Hardware Profiles Performance |
| • View devices by type • • • • • • • • • • • • • • • • • • • |
| Display adapters Floppy disk controllers Hard disk controllers Infrared devices Monitors Monitors Mouse Mouse PCMCIA socket PCMCIA socket Ports (COM & LPT) Communications Port (COM1) |
| ECP Printer Port (LPT1) Burst Virtual COM Port (COM3) Virtual Infrared COM Port Virtual Infrared LPT Port |
| P <u>r</u> operties Re <u>f</u> resh R <u>e</u> move Pri <u>n</u> t |
| Close Cancel |

12 Click the [OK] button.



13 Click the [Close] button.



14 Click the [Start] button, followed by selecting [Control Panel] as shown below. Click [Network].



15 Select [NDIS(PPPoE)Usermode I/O Protocol-> xxxxxx] on Configuration tab, then click the [Remove] button.(Repeat the above steps if the other [NDIS(PPPoE)Usermode I/O Protocol] components are installed.)

| Network |
|--|
| Configuration Identification Access Control |
| |
| The following network components are installed: |
| SMC IrCC (Infrared Communications Controller) |
| G IrDA Protocol -> SMC IrCC (Infrared Communications Conti |
| NDIS(PPPoE) Usermode I/U Protocol -> <nothing></nothing> |
| NDIS(PPPoE) Usermode I/O Protocol -> Dial-Up Adapter |
| |
| |
| Add Remove Properties |
| Primary Network Logon: |
| Client for Microsoft Networks |
| Eile and Print Sharing |
| Description |
| A driver to support user-mode I/O on NDIS(PPPoE) devices |
| |
| |
| |
| OK Cancel |

16 Click the [OK] button.

| Network |
|---|
| Configuration Identification Access Control |
| The fell with a structure to an installed |
| The following network components are installed: |
| Intel(R) PR0/100 VE Network Connection |
| B SMC IrCC (Infrared Communications Controller) |
| FIDA Protocol -> SMC IrCC (Infrared Communications Contr NDISWAN -> PPR over Ethernet Miniport |
| |
| |
| Add Remove Properties |
| Primary Network Logon: |
| Client for Microsoft Networks |
| File and Print Sharing |
| |
| Description |
| |
| |
| |
| OK Cancel |

17 The dialog window shown below will appear, click the [Yes] button, and restart your PC.



Uninstallation for Mac OS X

- 1 Close all programs that are currently running.
- 2 Remove the iBurst Access Card from the computer.

3 Open the folder [ApplicationsiBurstiBurst], then double click the script file [uninst_iburst.command].



4 The terminal window shown below will appear, enter user's [password] and [Enter] key.



5 Enter [y] and [Enter] key to restart your computer.



Chapter 5 Information

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

FCC RF Radiation Exposure Statement

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device was tested for typical lap held operations with the device contacted directly to the human body to the back side of the notebook computer. To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitting antenna during transmitting.