WA01040XA
ENG_200501

Users Manual CX2

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www.silex.jp

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Contents

1, Introduction 1-1
Safety Instructions 1-3

2, PRICOM C-6400W 2-1
Emission Notice 2-2
Environment 2-3
Equipment explanation 2-4
Part name and function 2-4
The PRICOM C-6400W is initialized. 2-5
Start in Infrastructure mode 2-6
How to Connect 2-7
Connect the PRICOM C-6400W to Printer and Network 2-7
Other Functions 2-9
Function 2-9
Specification 2-11
Hardware specification 2-11
Software Specification 2-12
Using Wireless Communication 2-13

3, PRICOM User Software CX2 3-1
How to set up the PRICOM C-6400W using
the PRICOM User Software CX2 3-1
How to Communicate to the PRICOM C-6400W 3-3
Procedure for initial communication with the PRICOM C-6400W 3-3
Set up using the PRICOM Setup Utility 3-4

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4, Scanner Server 4-1
Initial set up 4-2
Connect the PRICOM C-6400W and USB scanner.. 4-2
Use the Scanner Server 4-3
Install the PRICOM USB Utility 4-3
Use the PRICOM USB Utility 4-6
The PRICOM USB Utility 4-9
The PRICOM USB Utility screen 4-9
The Option Dialog 4-10

5, Storage Server 5-1
Initial set up 5-2
Install the PRICOM C-6400W and Canon MFP 5-2
Share the Memory Card Via the Network 5-3
Share the memory card in a Windows98/Me Environment 5-3
Verify the network configuration in Windows 98/Me (NetBEUI) 5-3
Verify the network configuration in Windows 98/Me
(NetBIOS over TCP/IP) 5-4
Open the memory card in a Windows 98/Me environment 5-5
Share the memory card in a Windows 2000 Environment 5-6
Verify the network configuration in Windows 2000(NetBEUI) 5-6
Verify the network configuration in Windows 2000
(NetBIOS over TCP/IP) 5-7
Open the memory card in a Windows 2000 environment 5-8
Share the memory card in a Windows XP Environment 5-9
Verify the network configuration in Windows XP 5-9
Open the memory card in a Windows XP environment 5-11

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6, Q&A 6-1
The main menu does not start after Inserting the CD-ROM 6-1
The PRICOM C-6400W is not found in the configuration utility 6-1
I cannot print. 6-2
Occasionally I cannot print 6-3
I cannot print in LPR 6-3
How can I return to factory default? 6-3
I cannot use the BJ print monitor 6-3
I cannot configure in the AdHoc mode 6-3
I cannot use Memory card via network 6-4
I cannot use the scanner 6-4

Appendix 1
How to use USB memory 1
Save the wireless and TCP/IP settings
for the PRICOM C-6400W to use USB memory 1
Write configuration information using an editor. 9
Using a standard OS print client 11
Print using the Windows 2000, Windows XP Standard TCP/IP port 12
Print using the Windows 2000 LPR port 17
Print using the Windows XP LPR port 21
Print using the Windows 2000, Windows XP IPP port 24
Connect to the PRICOM C-6400W form a Web browser 26
Connect to the PRICOM C-6400W 26
The PRICOM C-6400W HTTP screen 27
Other functions 30
IP filtering 30
TELNET 31
Check and Verification of the PRICOM C-6400W 36
Setting the PRICOM C-6400W parameters 36

User Registration 1

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1, Introduction

Thank you for purchasing this product. This manual provides information on how to configure and use the PRICOM C-6400W.

Make sure to read all safety instructions carefully and fully understand them before starting to use the PRICOM C-6400W.

The PRICOM C-6400W is a mini Print/Scanner/Storage wireless server. It allows sharing a printer, scanner and storage across a network. The PRICOM C-6400W will also support the status monitor in the Canon printer driver. This allows monitoring the printer status (Ink level, paper empty, etc) from a PC.

PRICOM C-6400W
Wireless USB Interface mini print/scan/storage server

Network Interface	:IEEE 802.11b (1M/2M/5.5M/11Mbps Auto configuration)
Device Interface	:USB2.0 Full Speed* (Type A)
Supported Protocol	:TCP/IP, NetBEUI/NetBIOS**
Supported OS	:Windows 98/Me,Windows 2000,Windows XP

*Equivalent to USB1.1 performance.
**NetBEUI/NetBIOS is used for sharing the storage and not for printing.

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[About this Manual]

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Symbols used in this manual

This manual uses the following symbols to point out specific information. The information after the symbols should always be observed. Refer to “Safety Instructions” for the product safety information.

- This symbol indicates important information that needs to be observed when using this product. Make sure to read this information for safe and proper use.

- This symbol indicates useful information that will help operating this product.
If you experience difficulties operating this product, please refer to this information first.

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Safety Instructions

To ensure safe and proper use, please read the following information carefully before starting to use our product. The safety instructions include important information on the safe handling of the product and on general safety issues for the user.

[Expression Meaning]

⚠ Danger	"Danger" indicates the existence of a hazard that could result in death or serious bodily injury if the safety instruction is not observed.
⚠ Warning	"Warning" indicates the existence of a hazard that could result in bodily injury if the safety instruction is not observed.

[Example of picture]

- This symbol warns of possible danger.
- The danger symbol will contain another symbol or have a picture near it. (Left: this warns of possible electrocution)

- This is the prohibit symbol.
- This symbol will include another symbol or have a picture near it to indicate what is prohibited.

- This is the prohibit symbol.
- This symbol indicates what is prohibited specifically.

- This indicates a regulation by its contents.
- The regulation will appear inside or near this symbol. (Left: indicates to unplug).

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Danger

Warnings about physical connections

- Do not allow a power surge into this product. This could cause fire or an electric shock. If this product receives a power surge, unplug the AC adapter and contact us.

- Keep the cables away from children. They may be injured or receive a shock.

- If this product is detached from the printer, unplug the power to the printer before reconnecting.

- If the printer has a ground wire, it must be used to prevent electrocution and power surges.

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Danger

The following are warnings to be observed during use.

- Do not remove the cover of this product.

- Do not use this product with the cover removed. You may receive an electric shock.

- Do not attempt to check, adjust or repair this product by yourself. You may receive an electric shock. Check with your dealer if the product needs to be repaired.

- If this product becomes hot, or you smell smoke, turn off the printer then unplug the power cable and disconnect this device immediately. Contact your dealer about repairing this product.

- If a foreign object (liquid, metal) gets into this product, turn off the printer then unplug the power cable and disconnect this device immediately. Contact your dealer about repairing this product.

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Warning

Notice about physical installation.

- Do not use this product with the cover removed. You may receive an electric shock.When unplugging this product do not pull on the cord. The cord may break resulting fire and/or electric shock. Pull on the plug only.
- Do not put this product on an unstable location. The product may fall causing injury or damage the product.
- Do not put this product in a humid or dusty place. Fire or electric shock may occur.

- When moving this product, disconnect the power and printer cables. Fire or electric shock may occur.

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Warning

Observe the following instructions while using this product.

	- When the product will not be used for an extended time, disconnect and unplug the power cable.
	- Verify all cables are connected properly before using this product.

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2, PRICOM C-6400W

The PRICOM C-6400W is mini wireless print server/scanner server/storage server with a USB connection for Canon. This product supports Canon bubble jet printer, CAPT monochrome/color laser printer and MFP. You can monitor the print job status, printer status in Canon printer driver status monitor.

- For the latest compatibility information, refer to our web page (http://www.silex.jp/) or contact customer support.

When used correctly, the PRICOM C-6400W should not affect a radio or TV. However if you experience interference try the following.

- Move the PRICOM C-6400W far away from the radio and TV.
- Connect the PRICOM C-6400W and radio/TV to a different outlet.

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Emission Notice

PRICOM C-6400W

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.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE EN55022 Class-B
EN55024

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Environment

The following are needed for the PRICOM C-6400W.

The followings are objects that connect to the network.

- PC with wireless communication
- USB Cable (A-B Type Connectors)
- Printer

Supported OS

Windows 98/Me, Windows 2000, Windows XP

Operating Environment

- Temperature : +10°C to +35°C
- Humidity : 20% to 80%RH (no dewing)

Storage Environment

- Temperature : -10°C to +50°C
- Humidity : 20% to 90%RH (no dewing)

Electric current

5V +- 5% 1.0A

EMI

VCCI Class-B
FCC Class-B
EN55022 Class-B
EN55024

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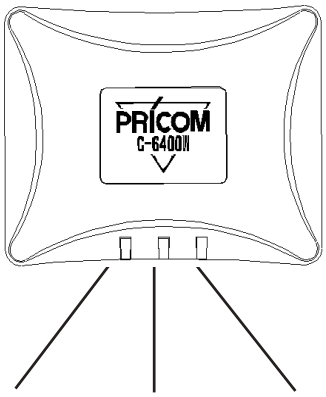
Equipment explanation

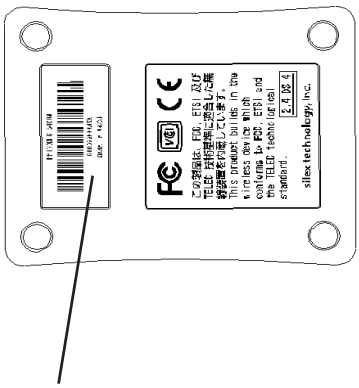
Part name and function

Top



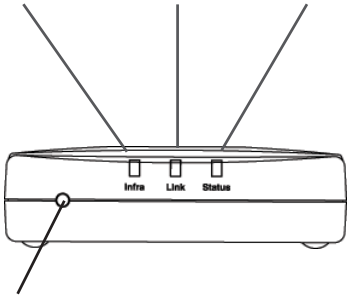
Infra LED (Green) Link LED (Green) Status LED (Orange)

Bottom



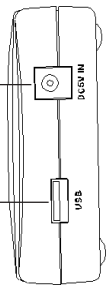
Ethernet Address
(The last 6 digits are the product serial number)

Front Side



Push Switch

Right Side



Power Connector

USB Port

<Top/Front Side>
The LED's have the following meaning:
Status LED (Orange)
Flashes during data transfer.
Link LED (Green)
Lights when an OldAdHoc mode network connection is established.
Lights when an AdHoc mode network connection is established.
Lights when an Infra mode network connection is established.
Infra LED (Green)
Lights when an Infra mode network connection is established.
<Bottom>
Ethernet Address
The Ethernet (MAC) Address of the device is found on the bottom.
The last 6 digits are the product's serial number.

NOTE

- If the Ethernet Address is 00:80:92:18:0E:1A (noted as 008092180E1A) then the product's serial number is 180E1A.

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<Right Side>

USB Port

Connect a USB Cable (A Type connector)

Power Connector

Connect AC adapter

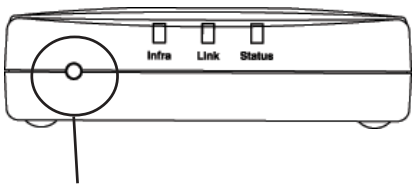
<Front Side>

Push Switch

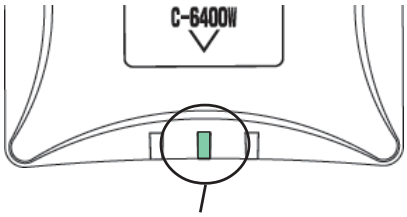
The push switch is used to restore Factory Defaults and change to Infrastructure mode.

The PRICOM C-6400W is initialized.

1. Make sure that PRICOM C-6400W is not connected to the AC adapter.
2. While pushing the push switch of the PRICOM C-6400W, connect the AC Adapter.
3. Hold the push switch for 15 seconds. Only if Link LED is on, let go of the push switch.



Push Switch



Link LED

TIP

- Do not turn off the PRICOM C-6400W while initializing to factory default.
- After restoring to factory default, do not push the push switch.

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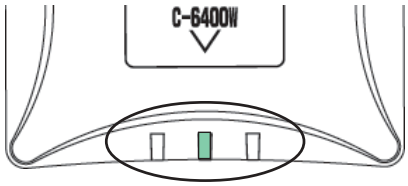
Start in Infrastructure mode

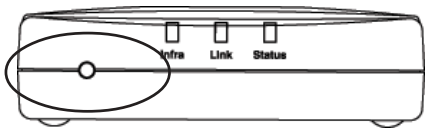
NOTE

- It is possible to put the PRICOM C-6400W into Infrastructure mode and connect to an access point if the access point does not use WEP.

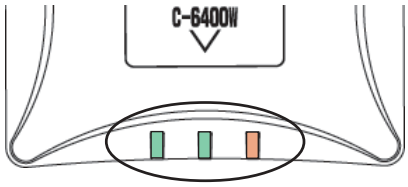
1. With the PRICOM C-6400W set to factory default, verify the Link LED is on after the connecting the AC adapter to the PRICOM.



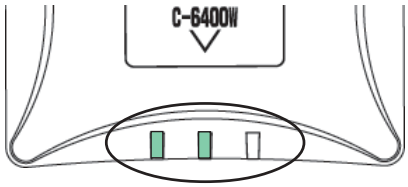
2. After holding the push switch for 15 seconds, release the switch.



3. After a few seconds, all of the LED's will light and then go out immediately.



4. After a few seconds, the Infra. LED will light. Then if the PRICOM C-6400W can connect to an access point, the Link LED will light.



TIP

- If the Infra LED lights but Link LED does not, The PRICOM C-6400W cannot connect to an access point. Check the following and Reboot the PRICOM C-6400W.

1. Does the access point require a WEP key?
2. Does access point use a security setting?
3. Is anything blocking the PRICOM C-6400W and the access point?
4. Are the PRICOM C-6400W and Access point close enough?

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How to Connect

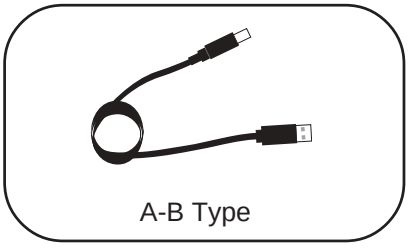
Connect the PRICOM C-6400W to Printer and Network

TIP

- If the PRICOM C-6400W has been used in another network environment, restore to factory default.
- The PRICOM C-6400W cannot connect to a USB hub.

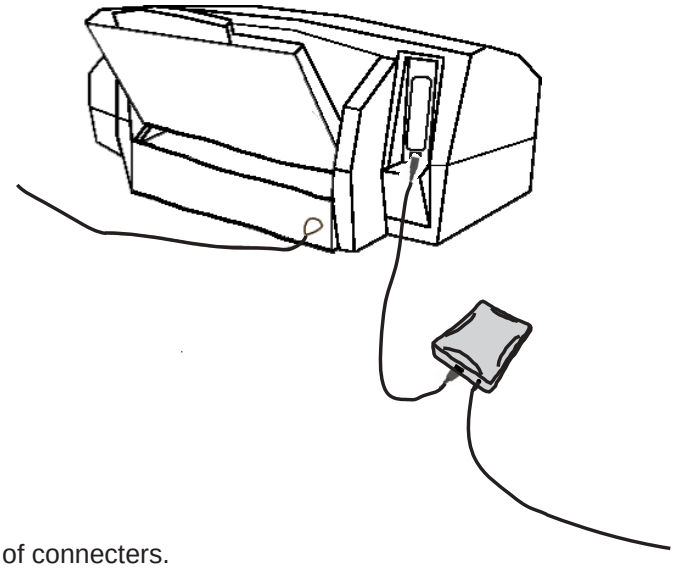
The PRICOM C-6400W needs the following to connect to a network.

USB Cable



A-B Type

1. Connect the AC Adapter to the PRICOM C-6400W.
2. Plug in the Power cable to the printer/ Canon MFP.
3. Connect the PRICOM C-6400W to a printer/Canon MFP. The PRICOM uses a type A connector and the printer/MFP will use a type B connector.



NOTE

- The USB Cable will have two types of connecters. Make sure of the connector type.

<USB Cable Connector>

Type A TypeB

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4. Make sure that printer is working and turned on.

- Using an AC adapter other than the one provided with the PRICOM C-6400W can cause damage.
- Connect only to a printer/Canon MFP.
- Wait for 2 or more seconds after connecting/disconnecting the USB cable.
- Do not disconnect the USB cable during printing, scanning or reading/writing from a memory card.
- After turning on the PRICOM C-6400W or connecting the USB cable, printing will proceed according to priority.

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Other Functions

The other functions of the PRICOM C-6400W are shown below.

Function

Assign the IP address automatically using DHCP, BOOTP and RARP

- DHCP/BOOTP

If a DHCP/BOOTP server is working on your network, the DHCP/BOOTP protocol of the PRICOM C-6400W will assign the IP address to the PRICOM C-6400W.

- The PRICOM's DHCP protocol is compatible with RFC2131/2132.
- If you use the DHCP function of the PRICOM C-6400W, talk to your administrator.

- RARP

If a RARP server is working on your network, the RARP protocol of the PRICOM C-6400W will assign the IP address to the PRICOM C-6400W.

- If you use the RARP function of the PRICOM C-6400W, talk to your administrator.

- IPP(TCP/IP)

The PRICOM C-6400W supports [Internet Printing Protocol] (IPP Ver.1.0) which can print via the internet. If you use IPP, you can easily print out to a remote place using Web access in HTTP.

- If you print out to a remote place using the IPP function, you should assign a global IP address to the PRICOM C-6400W. Talk to an administrator for details.

- Web Brower functionality

The PRICOM C-6400W supports HTTP. You can configure the PRICOM C-6400W and check its status via a Web browser. If you have Internet access, you link to the PRICOM C-6400W's support information.

- We recommend using Internet Explorer 4.0 or Netscape Navigator 4.0 or newer. The Web browser must support HTTP 1.0(RFC1945) and HTML 2.0(RFC1866).
- If you use the Web browser function, you should configure the IP address of the PRICOM C-6400W and enable the TCP/IP protocol.
- An IP address must be assigned prior to using the Web browser.

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- IP Filter

The PRICOM C-6400W allows to accept/deny the communication from a pre-registered IP address scope. IP filtering can protect illegal access from unexpected network client users.

- When a DHCP server is assigning the IP address for the PRICOM C-6400W, the designated IP addresses must be within a reachable scope by the DHCP server.

- You can register up to 4 IP addresses scope with the PRICOM C-6400W.

- Scanner server

If you use a Canon MFP the PRICOM C-6400W will allow you to share the Canon MFP scanner via the bundled the PRICOM USB Utility.

- The PRICOM USB Utility is compatible with Windows 2000/Windows XP.
- The PRICOM C-6400W can connect to one Canon MFP.

- Storage server

The PRICOM C-6400W supports the NetBEUI/NetBIOS protocol, which will allow you to share the card slot in a Canon MFP.

- The PRICOM C-6400W does not support printing with the NetBEUI/NetBIOS protocol.
- The PRICOM C-6400W can connect to one Canon MFP.

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Specification

Hardware specification

CPU

V850 CPU (40MHz)

Memory

RAM	:8MByte
Flash ROM	:1MByte

Network Interface

IEEE802.11b compatible CF card

USB Interface

Type A port

Other

Push switch	:1 button
LED	:Status(Orange), Link(Green), Infra(Green)

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Software Specification

Support Protocol

TCP/IP,NetBEUI/NetBIOS

TCP/IP

Network layer	:ARP, RARP, ICMP, IP
Transport layer	:TCP, UDP
Presentation layer	:WINS
Application layer	:LPR, TELNET, BOOTP, SNMP, HTTP, DHCP, IPP, #9100, NetBIOS over TCP

NOTE

- You can assign IP address via our original utility.

NetBEUI/NetBIOS

SMB, NetBIOS

TIP

- If you connect a CAPT printer, you cannot use the Windows standard LPR/IPP/FTP protocols.You should use the PRICOM-Print CX2.

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Using Wireless Communication

This product operates at 2.4GHz
No radio license is required to use this product. Take note of the following points.

Do not use next to the following.
The following equipment may use the same band. If you use this product near this equipment, the radio waves from the PRICOM C-6400W and the following devices may interfere with each other.

- Microwave, scientific instruments, pacemaker or other medical equipment.
- Licensed radio station in a factory.
- Small power radio station (a none licensed radio station).

You should not use this product near cellular phone, TV, Radio.
- A cellular phone, TV, and radio use a different radio band than our product. Generally if they are used near our product, it will not cause a problem. However, when they approximate this product, sound or image noise can happen.

If there is reinforced concrete/metal between wireless devices, they may not connect.
- This product can connect through wood or glass, but can have trouble communicating through reinforced concrete/metal.

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Wireless Equipment for 2.4GHz band

This band of equipment is used by the microwave, industry, science, medical equipment and licensed in room or low power (non licensed) radio stations.

- Before you use this equipment, verify that it will not interfere with other broadcasting.

- If interference happens, stop using the equipment or change the band. Contact us to discuss ways of avoiding interference (example: create the wall).

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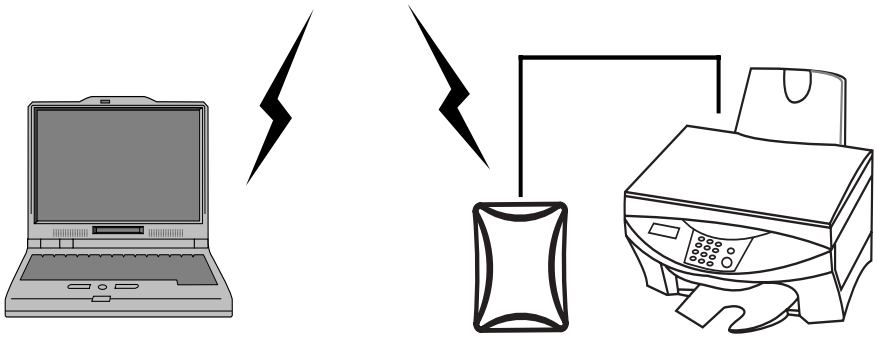
<Ad hoc mode>

Each wireless product connects directory.



Connect the PRICOM C-6400W to the printer/scanner/MFP using a USB cable.

NOTE

- The PC connects directly to our product in Ad hoc mode.

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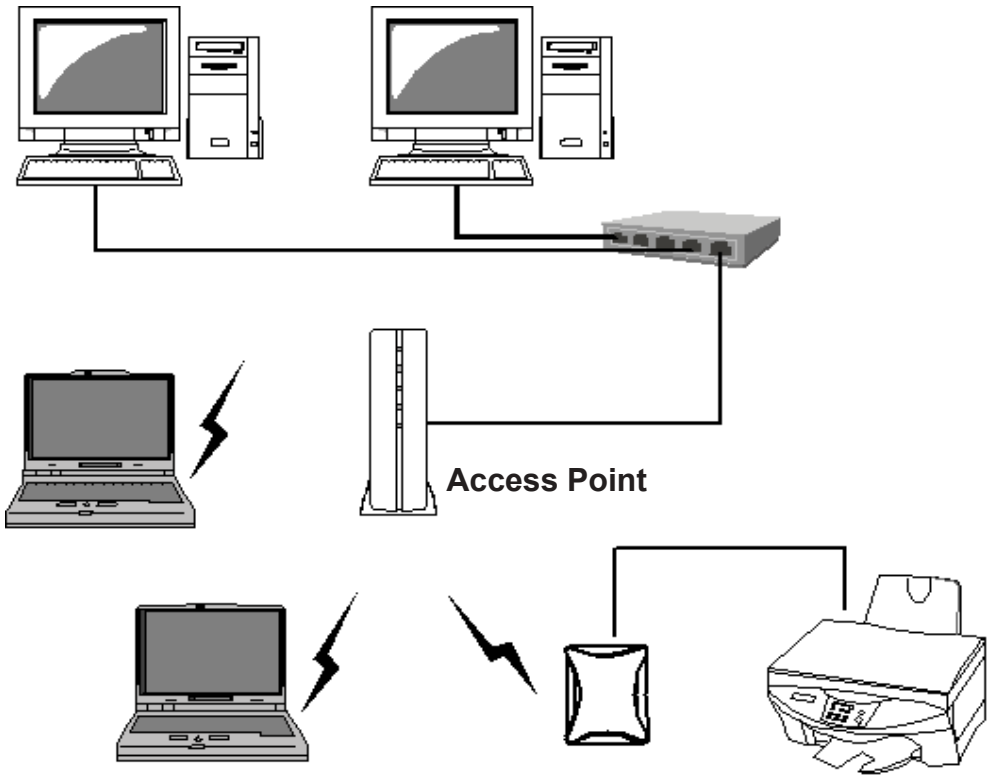
<Infrastructure mode>
In Infrastructure mode the PRICOM C-6400W connects through an access point.
An Access point allows communication between wired and wireless environments.



Connect the PRICOM C-6400W to the printer/scanner/MFP using a USB cable.

NOTE

- The following are the two ways to put the PRICOM C-6400W into Infrastructure mode.
  1. Set the mode to be Infrastructure during the configuration.
  2. After boot, hold down the push switch.

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3, PRICOM User Software CX2

How to set up the PRICOM C-6400W using the PRICOM User Software CX2

Load the PRICOM User Software CX2 CD into the CD-ROM drive of your Windows PC. The Menu screen will automatically appear.

TIP

- If the screen does not appear automatically, execute **Autorun.exe** from the CD (D:\Autorun.exe if the CD-ROM drive is D).

The following will explain each menu of the PRICOM User Software CX2.

(1)Quick Setup Guide

This will give an introduction on how to configure the PRICOM C-6400W. Please read this prior to setting up the PRICOM C-6400W.

(2)PRICOM Setup

This will explain how to configure the PRICOM C-6400W's parameters. Once the PRICOM C-6400W has been set up, it will continue on to the Printer Utility and the Scanner Utility.

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(3)Print Utility Setup

Set up the **PRICOM-Print CX2** utility to use the print server function.

(4)Scan Utility Setup

Set up the **PRICOM USB Utility** to use the scanner function.

Online manual

View the PRICOM C-6400W's online manual.

If your PC does not have Adobe Acrobat Reader, the Adobe Acrobat Reader will be installed automatically.

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How to Communicate to the PRICOM C-6400W

Procedure for initial communication with the PRICOM C-6400W

The following explains how to initially communicate with the PRICOM C-6400W until the wireless parameters are configured.

- 802.11 Ad hoc mode

The PC's wireless parameters must match the PRICOM C-6400W's.
Change the PC's wireless settings to match the default settings of the PRICOM C-6400W which are:

Mode : AdHoc mode (802.11 Ad hoc mode)
SSID : GROUP
Channel : 11
WEP : (none)

- Infrastructure mode

The PRICOM C-6400W's wireless mode can be changed to Infrastructure by using the push button. The PC's wireless settings and an access point will still need to match the default settings of the PRICOM C-6400W.

- If you configure to infrastructure mode, do not use WEP in your access point.
- If you cannot connect to the PRICOM C-6400W, initialize to factory default and try again.

- Refer to **2, PRICOM C-6400W** - **Start in Infrastructure mode** for instructions on how to change to infrastructure mode.

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Set up using the PRICOM Setup Utility

To configure the parameters in Windows 2000 / Windows XP you must login as Administrator.

Also before configuring the PRICOM C-6400W, it is recommended that you connect the PRICOM C-6400W to a printer.

Refer **2, PRICOM C-6400W** - **How to Connect** for information on how to connect the PRICOM C-6400W to Printer.

TIP

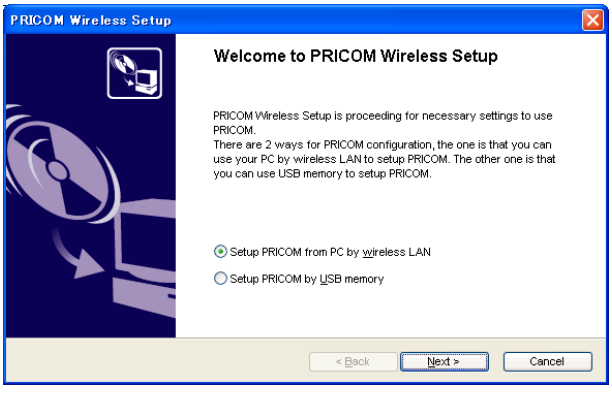
- For conducting the initial set up in Windows XP SP2 environment, be sure to disable the Windows embedded firewall feature temporarily during the PRICOM configuration. Select: **Start** . **Control Panel** . **Security Center** to disable firewall feature temporarily. Please remember to enable the firewall feature, if desired, after completing the PRICOM set up.

1. Put into the CD included with the PRICOM C-6400W into your Windows PC.Click **PRICOM Setup**.

TIP

- If the screen dose not appear automatically, execute **Autorun .exe** from the CD-ROM.

2. Select **Setup PRICOM from PC by wireless LAN.** Click **Next**.



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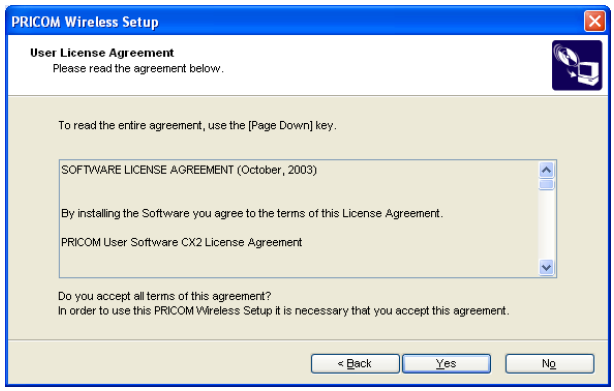
3. Click **Yes** if you agree to the **SOFTWARE LICENSE AGREEMENT**.



TIP

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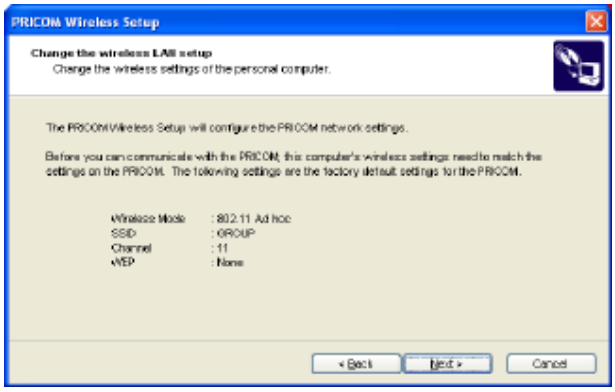
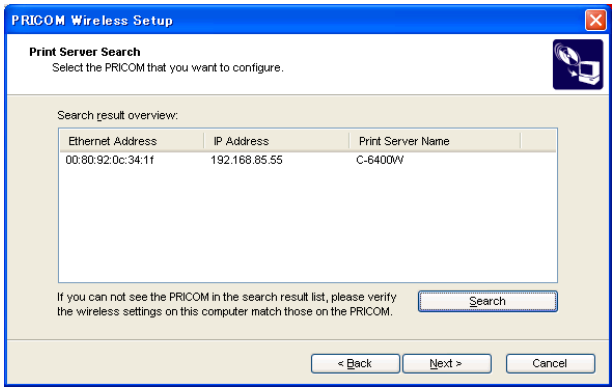
4. Verify the PC's wireless settings match those on the PRICOM C-6400W. Then click **Next**.



TIP

- The displayed parameters are the PRICOM C-6400W's factory defaults. If the PRICOM C-6400W and the PC has different wireless parameters, they cannot communicate. If needed, change the PC's wireless parameters to match the PRICOM C-6400W.

5. Select the PRICOM C-6400W in search list. Then click **Next**.



TIP

- If you cannot find the PRICOM C-6400W in search list, click **Search**.
- If you have more than one PRICOM C-6400W in search list, use the Ethernet address of product to determine which to select.

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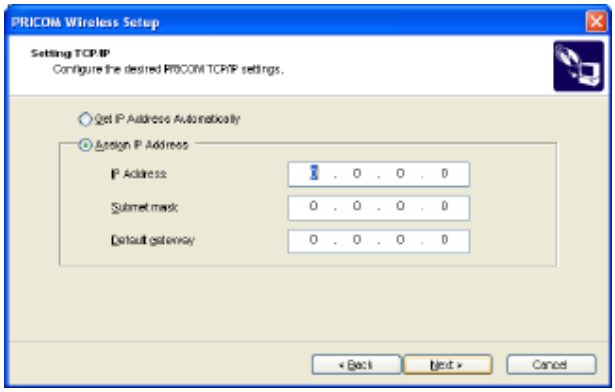
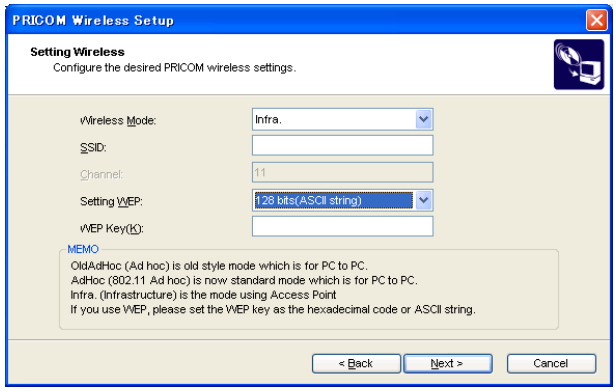
6. Configure the address for the PRICOM C-6400W. Then click **Next**.



NOTE

- We recommend assigning a static IP address.
- To assign the address using a DHCP/ BOOTP server, select **Get IP Address Automatically**.

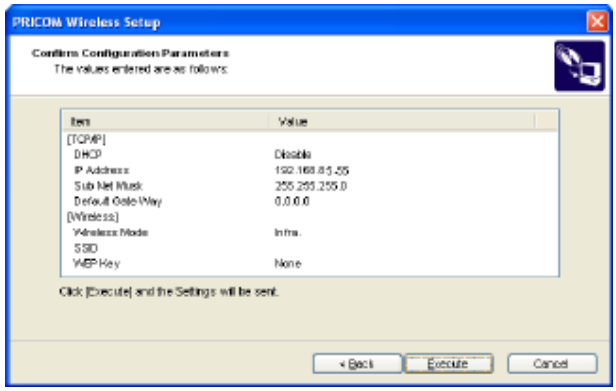
7. Change the wireless parameters to match that of your network environment. Click **Next**.



NOTE

- The WEP key can be entered as a pass phrase or the actual key. When using the pass phrase the key will be created automatically for you.

8. Verify the parameters for the PRICOM C-6400W. Then click **Execute**.



NOTE

- The PRICOM will receive the parameters via the network and the PRICOM C-6400W will restart.

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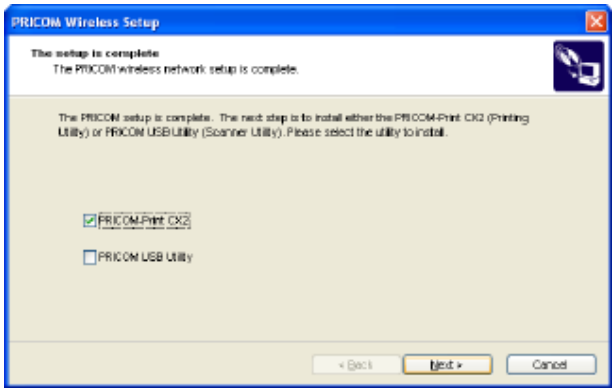
The PRICOM C-6400W configuration is now complete.
You can continue to install "PRICOM-Print CX2" print utility and/or the "PRICOM USB Utility" scanner utility.

If you have already installed these applications, remove check marks from the **PRICOM-Print CX2** and/or **PRICOM USB Utility** and quit the set up wizard. To continue to install the print utility, go to step 9.

NOTE

- If you click **Cancel** and quit the install wizard, after you can install the print utility directly from the first menu.

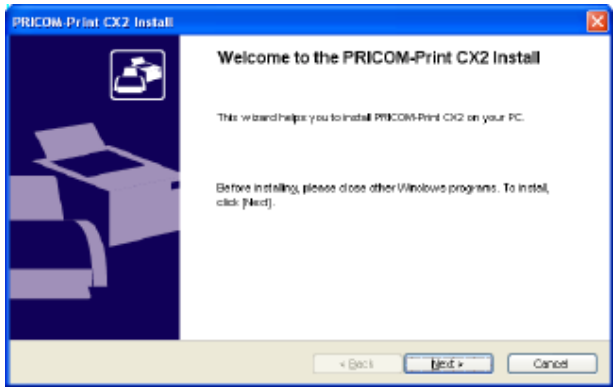
9. Check **PRICOM-Print CX2**, and click **Next**.



NOTE

- If you check **PRICOM USB Utility**, you can install the scanner utility after PRICOM-Print CX2 has finished install. Refer to **4, Scanner Server** for more information.

10. Click **Next**.



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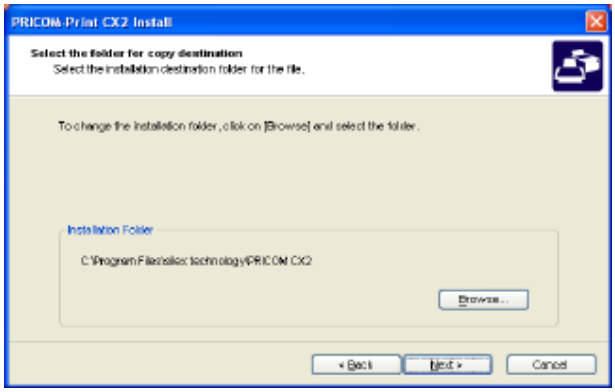
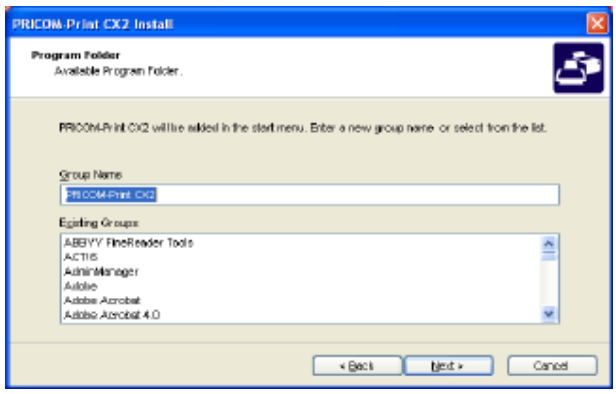
11. Select a folder to install to, and then click **Next**.



NOTE

- The default folder is "c:\Program Files\silex technology\PRICOM CX2"
- Choose **Browse** to select a different folder.

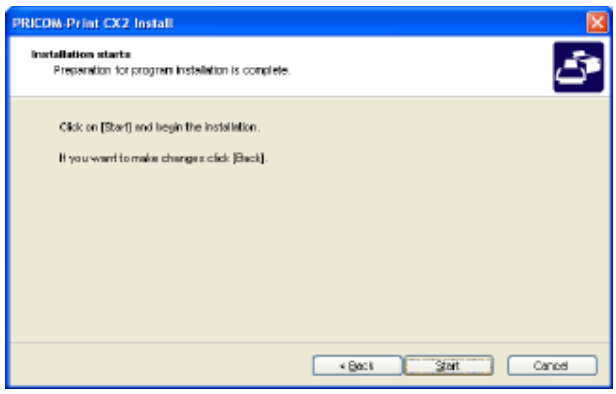
12. Select a GROUP name and click **Next**.



NOTE

- The default name is **PRICOM-Print CX2**. You can use any name you want.

13. Click **Start** to start installing the PRICOM-Print CX2.



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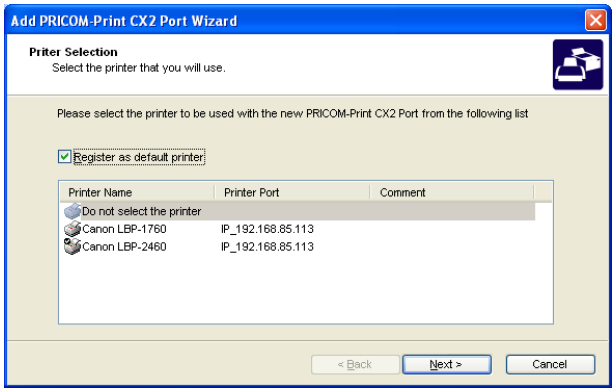
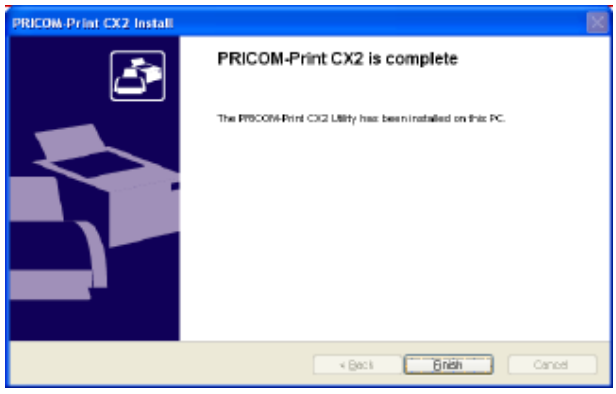
14. Select the printer driver for the printer connected to the PRICOM C-6400W. Click **Next**.



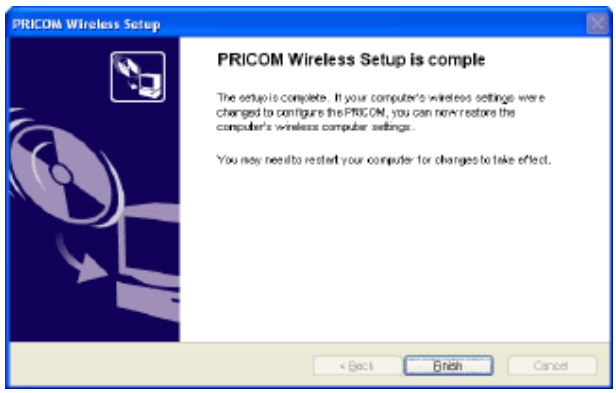
TIP

- If you cannot find the printer driver you want to use in the list, you do not have to install a printer driver right now.
- Select **Do not select the printer** if you did not wish to install a printer driver.
- You can configure the port after you install the printer driver.

15. Click **Finish**.



16. Click **Finish**.



The PRICOM C-6400W and PC have been set up.
After rebooting the PC, print a test page and verify it printed correctly.

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4, Scanner Server

This section explains how to use the PRICOM C-6400W's scanner server function.

A Canon MFP's scanner function can be shared across the network using the PRICOM C-6400W.

- The PRICOM USB Utility is compatible with Windows 2000, Windows XP.
- The PRICOM C-6400W can connect to ONE Canon MFP.

- Refer to **3, PRICOM User Software CX2** about how to set up the product.

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Initial set up

Connect the PRICOM C-6400W and USB scanner

Connect the PRICOM C-6400W and the USB scanners to allow scanning across the Network.

TIP

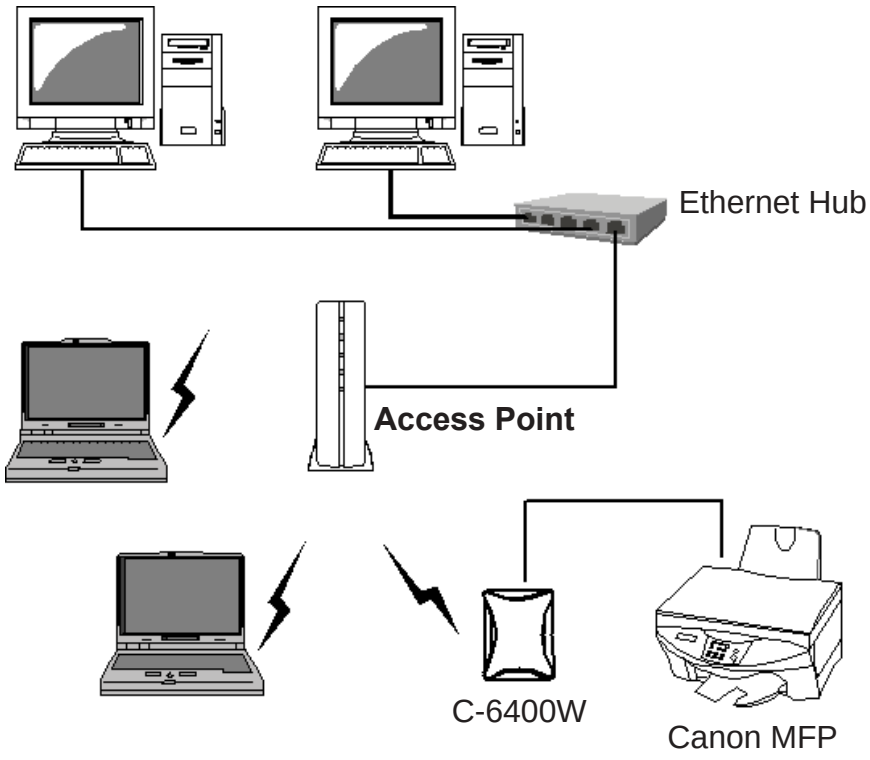
- Do not disconnect the USB Cable during scanning.

NOTE

- The PRICOM C-6400W will support the scanner function of the Canon MFP.
- The PRICOM C-6400W can connect to ONE Canon MFP.
- The PRICOM C-6400W does not need to be powered off to connect or disconnect a USB device.
- Verify that the USB cable has the correct connectors.

<USB Cable Connector>

- Connect the PRICOM C-6400W's USB Port directory to a Canon MFP.



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Use the Scanner Server

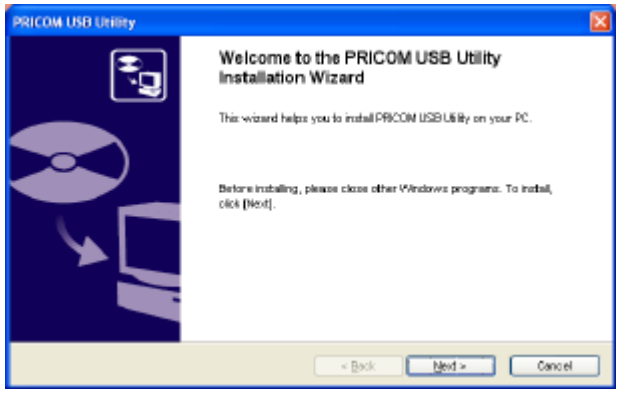
If you want to use the Canon MFP scanner function via a network, install the **PRICOM USB Utility**. The **PRICOM USB Utility** can connect a PC to the PRICOM C-6400W, allowing the PC to recognize the scanner function. The scanner can then be used the same as if it were connected directly to the PC.

Install the PRICOM USB Utility

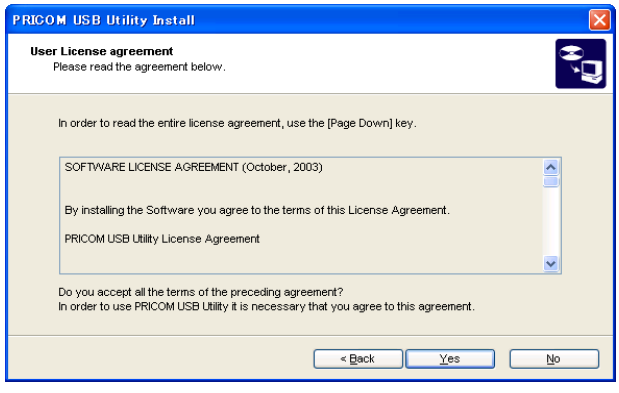
1. Load the PRICOM User Software CX2 into the CD-ROM drive of your Windows PC. Click **Scan Utility Setup**.

TIP - If the screen does not appear automatically, execute **Autorun.exe**.

2. Click **Next**.



3. Click **Yes,** if you agree to the **SOFTWARE LICENSE AGREEMENT**.



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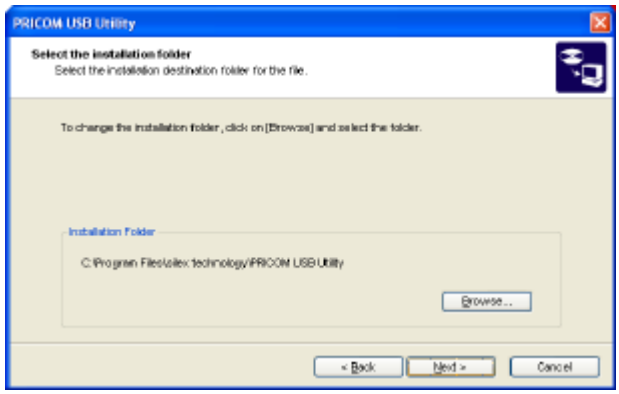
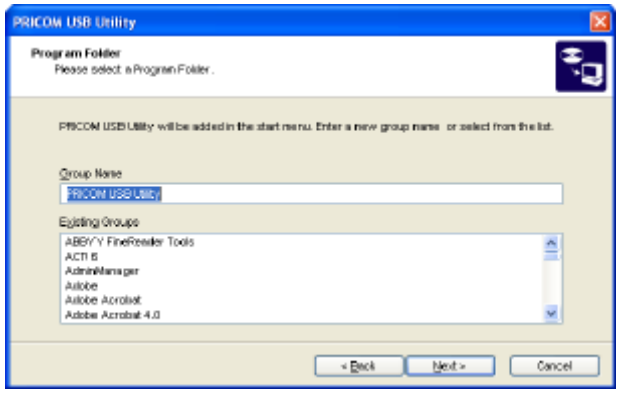
4. Verify the installation folder, click **Next**.



NOTE

- The default installation folder is "c:\Program Files\silex technology\ PRICOM USB Utility". Choose **Browse**, to select another folder.

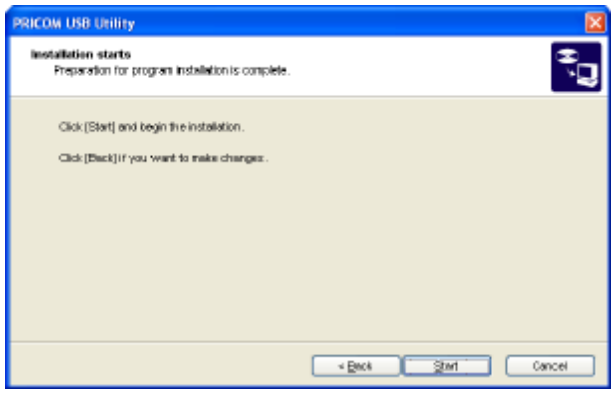
5. Verify the GROUP name and click **Next**.



NOTE

- The Default is **PRICOM USB Utility.**You can use any name you want.

6. Click **Start**.



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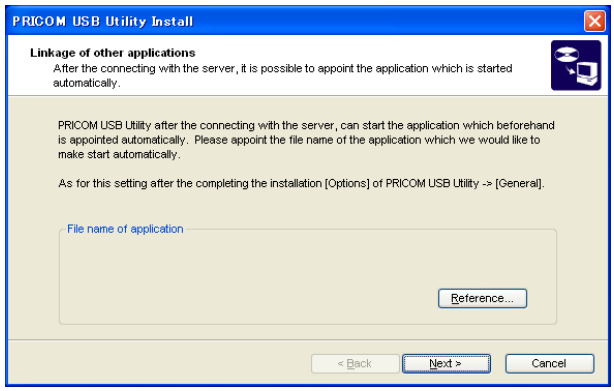
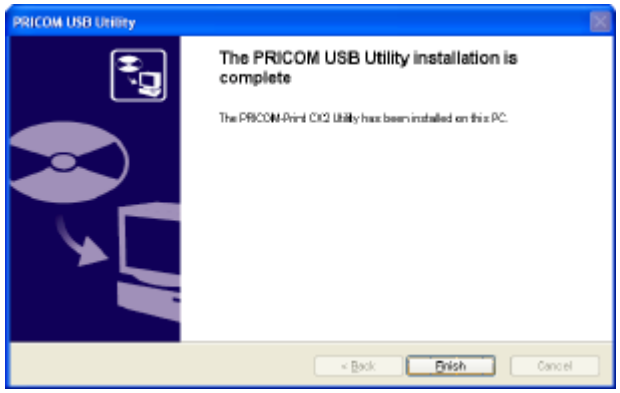
7. Specify an application program which starts automatically after the PRICOM USB Utility has connected to the scanner. Click **Reference** and specify the application program which starts automatically.



NOTE

- If Canon MP Toolbox is installed, a name of executable file (extension "**.exe**") of Canon MP Toolbox is shown.
- You can select the application program in the [Optional Setting] dialog box also.

8. Click **Finish**.



The PRICOM USB Utility installation is complete. The next section will explain how to configure the PRICOM USB Utility.

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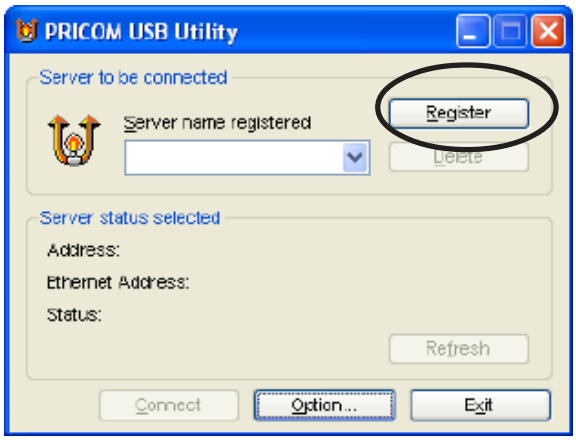
Use the PRICOM USB Utility

Start the PRICOM USB Utility and configure it to use scanner via the network.

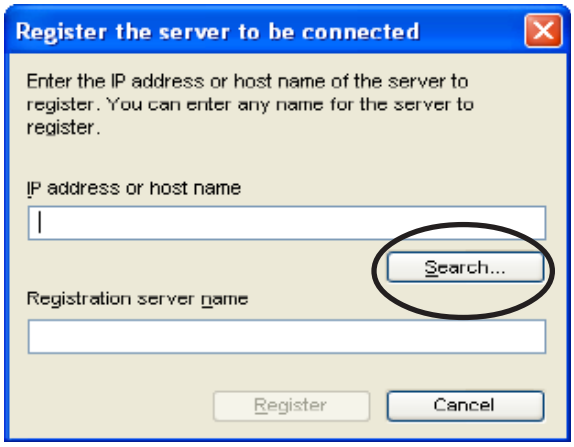
1. Click **start** - **All Programs** - **PRICOM USB Utility** - **PRICOM USB Utility.** When using the PRICOM USB Utility for the first time, the screen to the right is displayed. Click **Yes**.

NOTE

- When clicking **No** in the screen shown above, the server registration screen needs to be opened manually. Click **Register** when the main screen to the right is opened.



2. Click **Search** to display the C-6400W on the network. Find the C-6400W to be registered. Then click **Register**.



NOTE

- The registered server name can be changed. The default is IP address.

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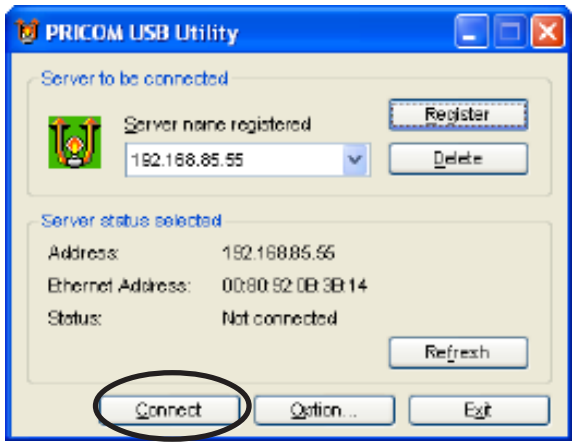
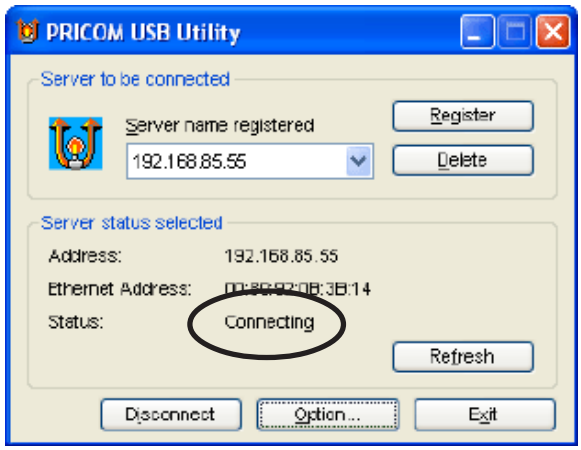
3. Connect your PC to the C-6400W. Click **Connect**.



NOTE

- When clicking **Connect**, your PC can detect the USB scanner over the network.

4. The network connection has been established between your PC and the USB scanner. Verify that the status has changed to connecting.



TIP

- Do not disconnect the USB cable or click **Disconnect** in the PRICOM USB Utility while the scanner is in use. This may cause the PC or the scanner to become unstable. If either happens, restart the C-6400W, scanner, and PC and then use them again.

NOTE

- Your scanner can be used as a network scanner with the bundled utility such as TWAIN that comes with your scanner.

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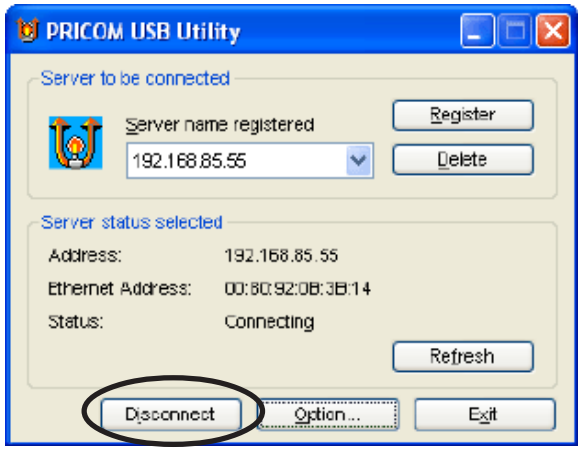
5. After using the scanner, click **Disconnect** to terminate the connection and close the PRICOM USB Utility.



TIP

- The connection will be terminated automatically if the network scanner is not used for 10 minutes.

NOTE

- If the network scanner is frequently used, the icon of the USB utility can be added to the task tray in Windows. The network connection can be established by clicking the icon in the task tray.
- If **It cuts automatically after an application end** is selected in the optional setting dialog box, the connection will be terminated automatically when the application is closed.

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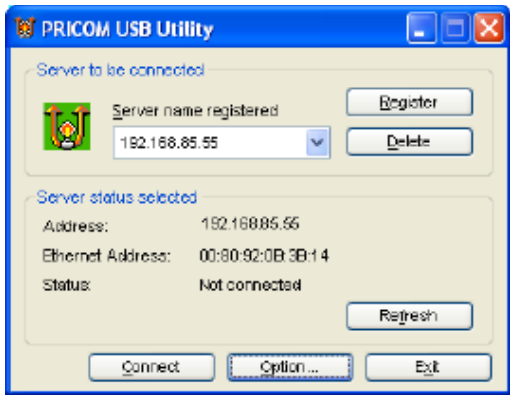
The PRICOM USB Utility

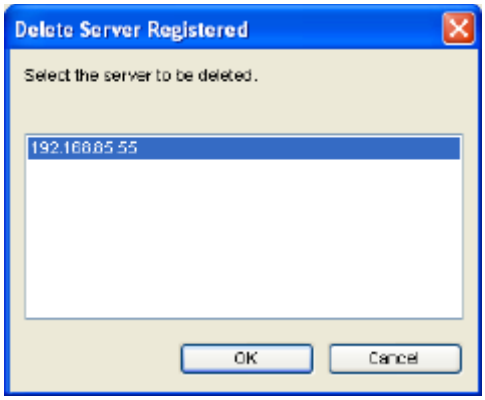
This section will explain the options available in the PRICOM USB Utility

The PRICOM USB Utility screen

When starting the PRICOM USB Utility, the main screen will appear.



<Main Screen>



<Delete Screen>

Server to be connected

Server name registered

Display the product to use.

Register button

Register a new PRICOM.

Delete button

Un- register a PRICOM C-6400W.

The delete screen will appear and allow you to select the product you want to delete.

Server Status Selected

Display the selected server's current status.

Refresh button

Refresh the status information.

Main buttons

Disconnect/Connect button

Disconnect/Connect your PC to the PRICOM C6400W.

Option button

Bring up the option configuration screen.

Exit button

Exit the PRICOM USB Utility.

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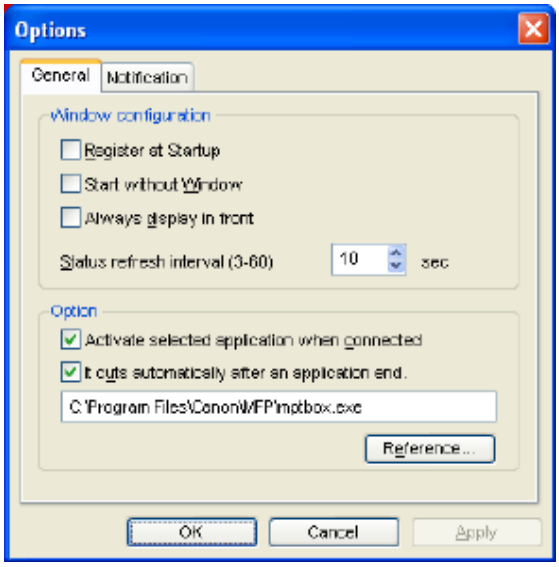
The Option Dialog

Click **Option** on the main screen to bring up the Options screen.



<General>

Window configuration

Register at Startup

Register the USB Utility at startup (Default: OFF)

Start without Window

Minimize the USB Utility when started (Default: OFF). Minimized icon is displayed in task bar.

Always display in front

Make the USB Utility the top window (Default: OFF). Another window with the same setting could displace it from being on top.

Status refresh interval

Configure the status update interval time.(Default:10 seconds)

Option

Activate selected application when connected (Default: OFF).

Once connected, the USB Utility will automatically start the selected application.

It cuts automatically after an application end (Default: OFF).

When the selected application is closed the connection will automatically be closed.

NOTE

- If you assign an application to be used with the scanner, all you will need to do is start the application.
- If you assign an application to start automatically during the installation, the parameter options will default to ON.

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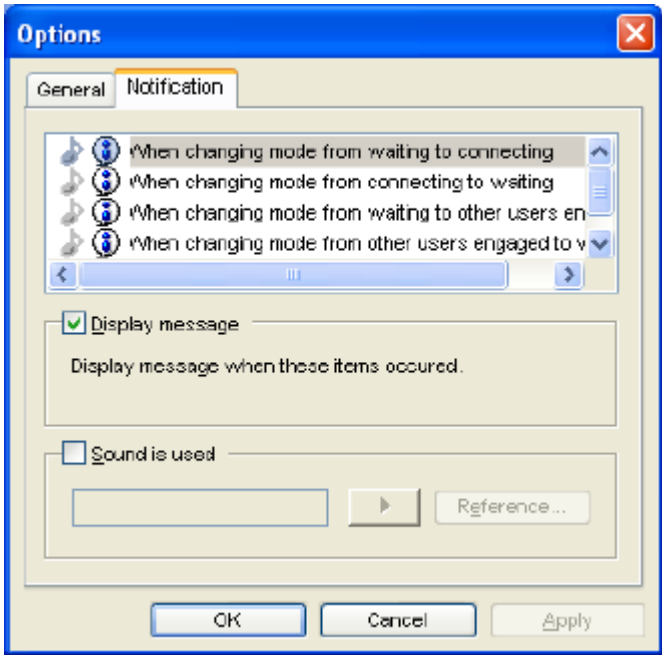

<Notification>

Notification

When the status of the scanner server changes, the PRICOM USB Utility can notify you by message and/or by sound (Default: Message ON/Sound OFF).

"When changing mode from waiting to connecting"

Notify you when the PC connects to the scanner server.

"When changing mode from connecting to waiting"

Notify you when the PC disconnects from the scanner server.

"When changing mode from waiting to other users engaged"

Notify you when the scanner server is connected to another user.

"When changing mode from other users engaged to waiting"

Notify you when another user disconnects form the scanner server.

"When Communication error"

Notify you when the PC and the scanner server have a communication problem.

Display message

Check this for each message that you would like to receive.

Sound is used

Check this to activate the sound for the selected change in status.

You can select your favorite sound.

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5, Storage Server

This section explains how to share a memory card in a Canon MFP's slot using NetBEUI and NetBIOS over TCP/IP.

NOTE

- Refer to the Canon MFP manual for information about compatible memory cards and how to attach the card.
- The PRICOM C-6400W can connect to ONE Canon MFP.

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Initial set up

Install the PRICOM C-6400W and Canon MFP

The PRICOM C-6400W connect to a Canon MFP via a USB cable. The PRICOM C-6400W communicates in a network environment.

TIP

- Do not disconnect the USB cable/Memory Card while accessing storage device.

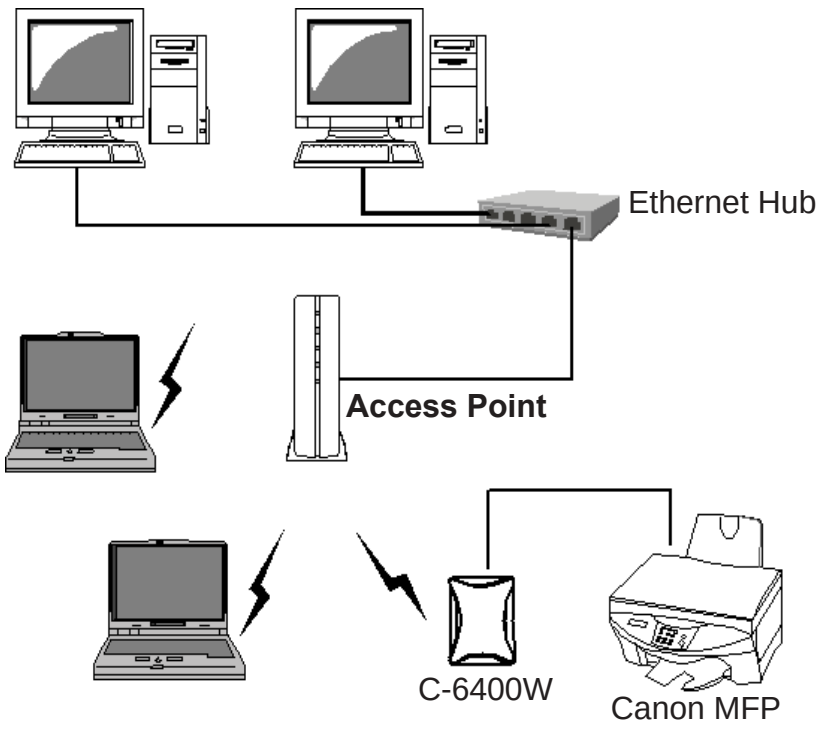
NOTE

- The PRICOM C-6400W can connect to ONE Canon MFP.
- Use a password to control access to the **MEMORY_CARD.**
- File data in storage was assigned by NetBIOS of source PC.
- You do not have to turn off the PRICOM to connect or disconnect a USB device.
- A USB cable has 2 connector forms. Before connecting, make sure the form.

<USB Cable Connector>

Type A TypeB

- Connect the PRICOM's USB Port directly to the Canon MFP.



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Share the Memory Card Via the Network

In order to read/write to a memory card in a Canon MFP via the network, **NetBEUI** and **Client for Microsoft Networks** must be on your PC.

Share the memory card in a Windows98/Me Environment

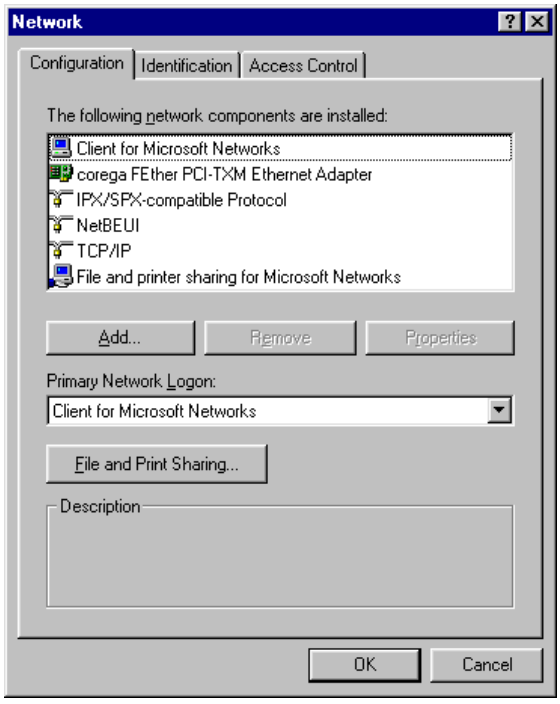
Verify the network configuration in Windows 98/Me (NetBEUI)

NetBEUI and **Client for Microsoft Networks** will need to be installed, if they are not already installed.

1. Select **Start** - **Settings** - **Control Panel**.

2. Click **Network** icon of Control Panel.

3. If **NetBEUI** and **Client for Microsoft Networks** are not installed, click **Add** to add them.



NOTE

- If current network component list does not have **NetBEUI** protocol, click **Add** - **Protocol** - **Microsoft** - **NetBEUI.**
- If current network component list does not have **Client for Microsoft Networks**, click **Add** - **Client - Microsoft** - **Client for Microsoft Networks**.

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Verify the network configuration in Windows 98/Me (NetBIOS over TCP/IP)

Verify that **Client for Microsoft Networks** and **TCP/IP** are added in the Network configuration on Windows 98/Me and NetBIOS over TCP/IP is enabled in **TCP/IP** in property.

1. Select **Start** - **Settings** - **Control Panel**.

2. Click **Network** icon of Control Panel.

3. Verify that **Client for Microsoft Networks** and **TCP/IP** are added in Network configuration.

NOTE

- If the current network component list does not have **TCP/IP** protocol, click **Add** - **Protocol** - **Microsoft** - **TCP/IP**.
- If current network component list does not have **Client for Microsoft Networks**, click the **Add** - **Client** - **Microsoft** - **Client for Microsoft Networks**.

4. Open **TCP/IP** properties, then select NetBIOS, then verify if **I want to enable NetBIOS over TCP/IP** is checked.

NOTE

- Generally, the default state is enabled.

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Open the memory card in a Windows 98/Me environment

1. Connect a memory card to the Canon MFP's card slot.

2. Click the **Network Neighborhood** icon on desktop, select **Printservers** in WORKGROUP.

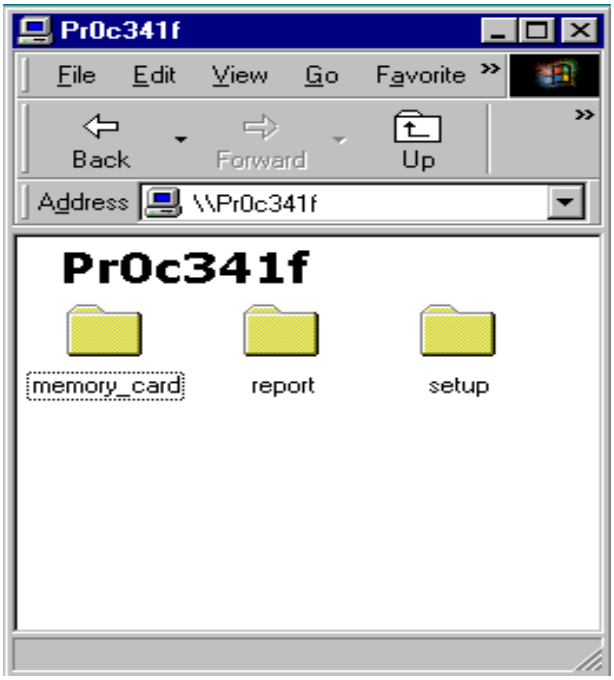
3. Click the PRICOM's icon.

NOTE

- The name will be displayed as **Pr** + the last 6 digits of the Ethernet Address.

- If your product's Ethernet Address is **00:80:92:0c:34:1f**, our product's computer name is **Pr0c341f**.

4. Click the **memory_card** on memory card folder.



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Share the memory card in a Windows 2000 Environment

Verify the network configuration in Windows 2000 (NetBEUI)

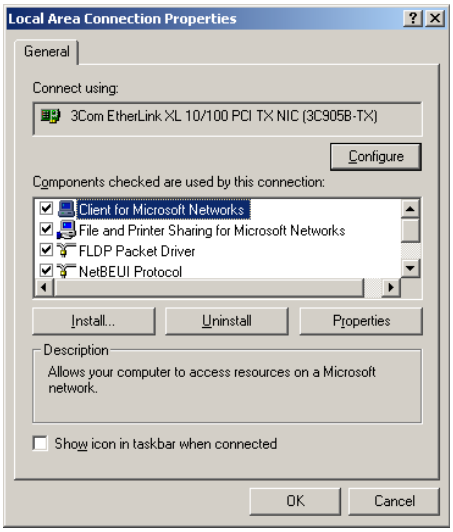
Verify that "NetBEUI Protocol" and "Client for Microsoft Networks" have been added in the network configuration of Windows 2000.

1. Select **Start** - **Settings** - **Control Panel** - **Network and Dial-up Connections**.

2. View the properties of **Local Area Connection**.

3. Click **Properties** on the main screen to bring up the properties screen.

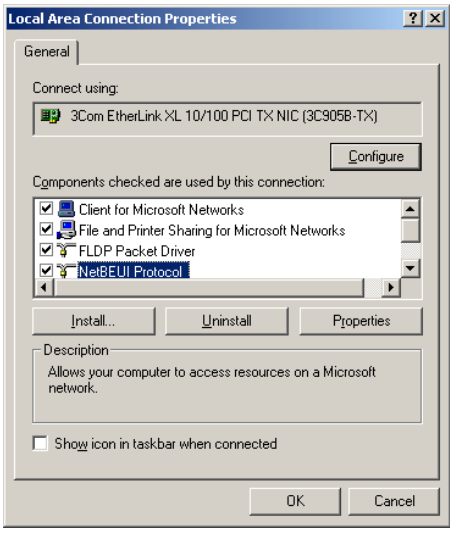
4. Verify that **Client for Microsoft Networks** has been added.



NOTE

- If **Client for Microsoft Networks** was not displayed, click **install** and select **client** - then **Client for Microsoft Networks**.

5. Verify that **NetBEUI Protocol** has been added.



NOTE

- If the **NetBEUI Protocol** was not displayed, click the **Install** and select **Protocol** then **NetBEUI Protocol**.

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Verify the network configuration in Windows 2000 (NetBIOS over TCP/IP)

Verify that **Network** - **Internet Protocol(TCP/IP)** - **Client for Microsoft Networks** has been added as well as NetBIOS **Internet Protocol(TCP/IP).**

1. Select **Start** - **Settings** - **Control Panel** - **Network and Dial-up Connections**.

2. Open the properties of **Local Area Connection**.

3. Click **Properties** on the main screen to bring up the Properties screen.

4. Verify that **Client for Microsoft Networks** has been added.

NOTE

- If you cannot find **Client for Microsoft Networks** in the list, click **Install** then select **Client** - **Client for Microsoft Networks**.

5. Verify that **Internet protocol (TCP/IP)** has been installed.

NOTE

- If you cannot find **Internet protocol (TCP/IP)** in the list, click **Install** then select **Protocol** - **Internet Protocol(TCP/IP)**.

6. Open **Internet Protocol (TCP/IP)** - **Properties** - **Advanced** - **WINS** tab, and make sure the Enable NetBIOS over TCP/IP is selected.

NOTE

- When receiving the TCP/IP settings automatically from DHCP, verify that the **Use NetBIOS setting from the DHCP server** is selected.

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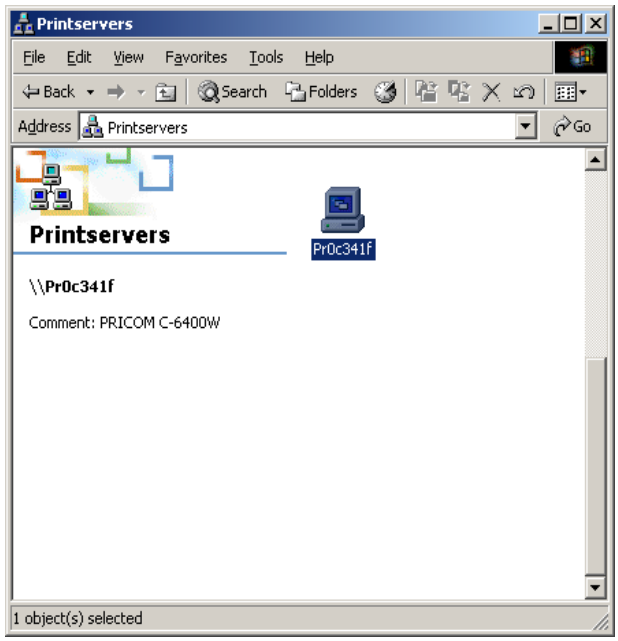
Open the memory card in a Windows 2000 environment

1. Connect a memory card to the Canon MFP's card slot.

2. Click **My Network Places - Entire Network**, and open the **Printservers** in workgroup.



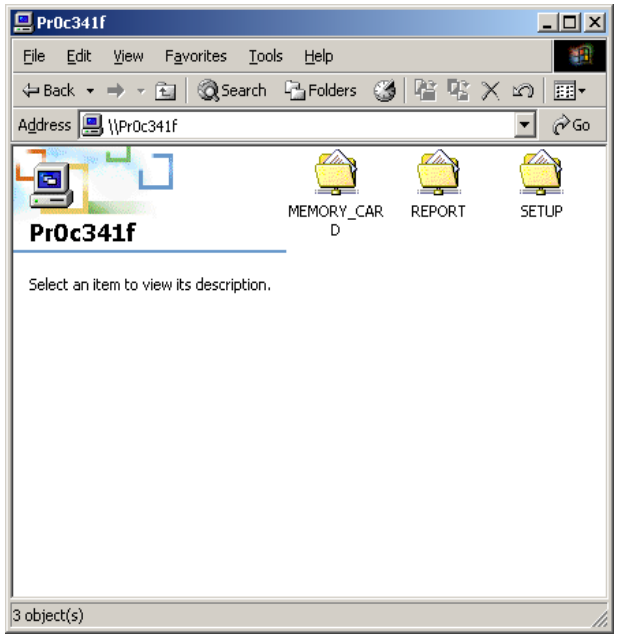
3. Click the PRICOM's icon.

NOTE

- The name will be displayed as **Pr** + the last 6 digits of the Ethernet Address.

- If your product's Ethernet Address is **00:80:92:0c:34:1f**, our product's computer name is **Pr0c341f**.

4. Click the **MEMORY_CARD** on memory card folder.



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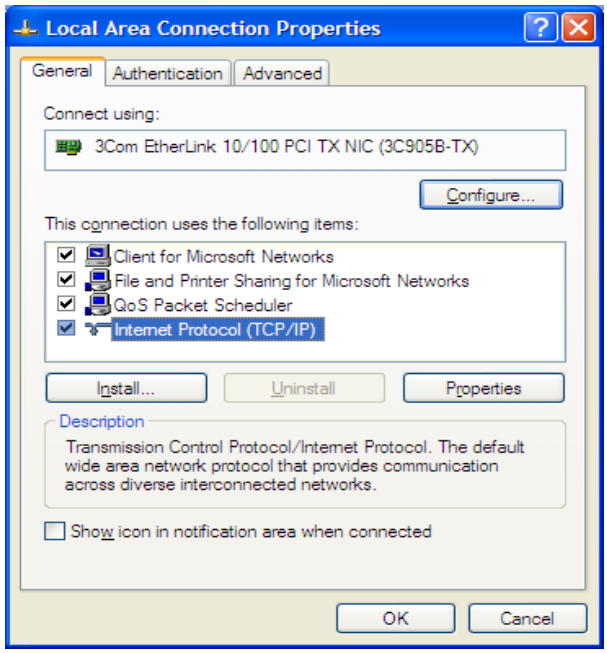
Share the memory card in a Windows XP environment

Verify the network configuration in Windows XP

Verify that NetBIOS in **Internet Protocol (TCP/IP)** on Windows XP, and **Client for Microsoft Networks** have been added.

1. Select **start** - **Control Panel** - **Network Connections.**

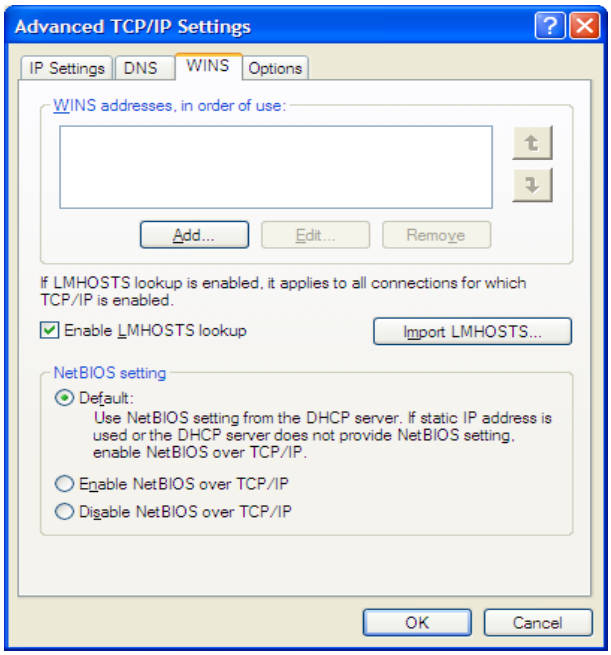


2. Open the properties of **Local Area Connection**.

NOTE

- If "Internet protocol(TCP/IP)" is not in the list, click I**nstall** and add it from protocol.

3. Click **Internet Protocol(TCP/IP)**, then **Properties**, then **Advanced**, then WINS and verify **Default** or **Enable NetBIOS over TCP/IP** is selected for NetBIOS configuration.



NOTE

- When receiving the TCP/IP settings automatically from DHCP, verify that the **Default** is selected.

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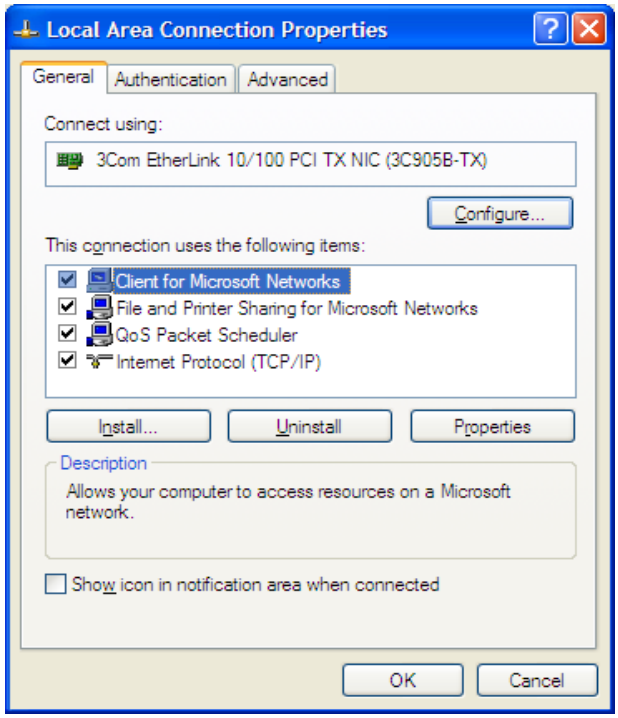
4. Make sure **Client for Microsoft Networks** has been added.

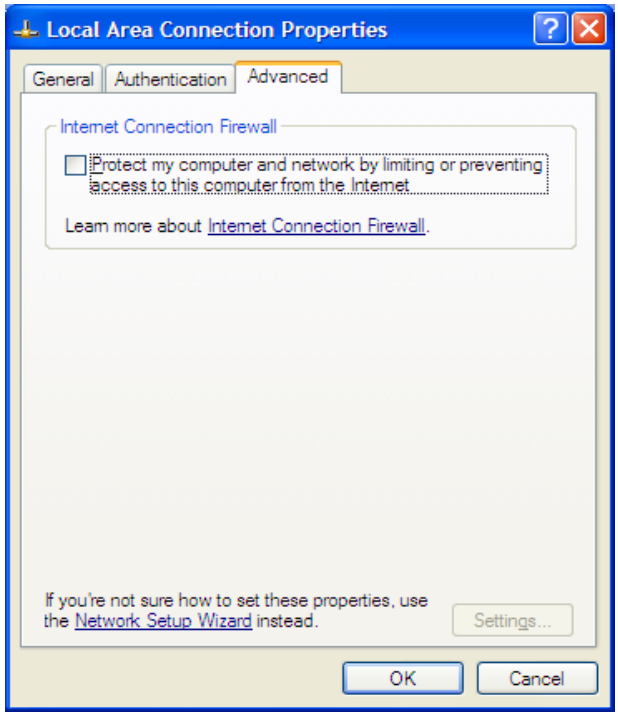


NOTE

- If you cannot find **Client for Microsoft Networks** in the list, click **Install** then select **Client** - **Client for Microsoft Networks**.

NOTE

- If you use NetBIOS over TCP/IP protocol in Windows XP, uncheck **Protect my computer and** .... in **Local Area Connection Properties** - detail setting.



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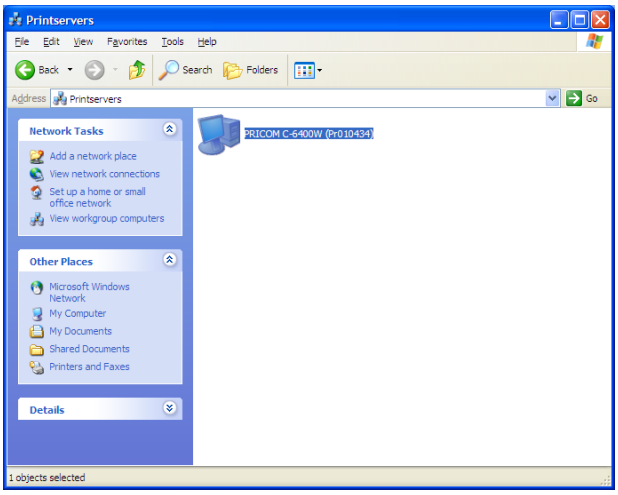
Open the memory card in a Windows XP environment

1. Connect a memory card to the Canon MFP's card slot.

2. Click **My Network Places** - **View workgroup computers** - **Microsoft Windows Network**, open the **Print servers** in workgroup.



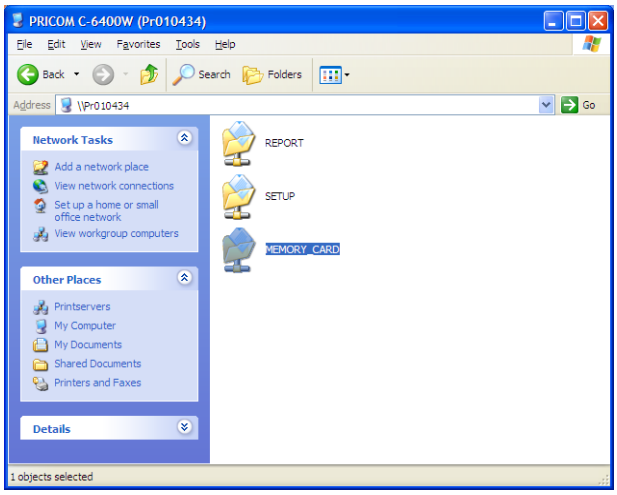
3. Click the PRICOM's icon.

NOTE

- The name will be displayed as **Pr** + the last 6 digits of the Ethernet Address.

- If your product's Ethernet Address is **00:80:92:01:04:34**, our product's computer name is **Pr010434**.

4. Click the **MEMORY_CARD** on memory card folder.



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6, Q&A

This section contains some Frequently Ask Questions (FAQ) and the corresponding answers. For a more detailed and up to date FAQ refer to our web page: http://www.silex.jp/.

The main menu does not start after inserting the CD-ROM

1. If your computer does not support Autorun, the menu will not start automatically. Execute **Autorun.exe** in the root directory of the CD-ROM.

The PRICOM C-6400W is not found in the configuration utility

1. Check the following and retry.

- Verify that the PRICOM C-6400W is powered up. If the PIRCOM C-6400W Status LED is not on, review the Hardware Installation section of this manual.
- Verify the Link LED is on.
- Verify the wireless settings are correct.
- If using more than one network interface card, disable the card not connected on the same LAN segment as the PRICOM.
- Print the PRICOM self test then verify the IP address is compatible with the one on the PC.

2. Restore factory defaults.

3. For conducting the initial set up in Windows XP SP2 environment, be sure to disable the Windows embedded firewall feature temporarily during the PRICOM configuration. Select: **Start** . **Control Panel** . **Security Center** to disable firewall feature temporarily. Please remember to enable the firewall feature, if desired, after completing the PRICOM set up.

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I cannot print

1. Make sure the Link LED of the PRICOM C-6400W is on. If not, verify the following settings.

- Does the PRICOM C-6400W turn on?
- Is the USB cable connected correctly?

[Infrastructure Mode]

- Are the SSID, Channel and WEP key correct ?
- Are the network cables for your PC and access point connected correctly?
- Are network cables for your PC and access point damaged ?
- Are the Link LED's for your PC and access point lighting ?
- Is the Ethernet HUB working correctly?
- If you can use the TCP/IP protocol, use the ping command to verify the proper response from the IP address assigned to the PRICOM C-6400W. If the PRICOM C-6400W does not respond, it is possible the IP address is incorrect. Restore factory defaults in the PRICOM C-6400W and configure the IP address again.

Example) Execute the ping on MS-DOS of Windows 98

To execute the **ping XXX.XXX.XXX.XXX** command click **Start** - **Program** - **MS-DOS prompt**, then enter the ping command (XXX.XXX.XXX.XXX is IP address for the PRICOM).

<Response from ping>

Reply from XXX.XXX.XXX.XXX:bytes=32 time=58ms TTL=253
Reply from XXX.XXX.XXX.XXX:bytes=32 time=58ms TTL=253
Reply from XXX.XXX.XXX.XXX:bytes=32 time=58ms TTL=253
Reply from XXX.XXX.XXX.XXX:bytes=32 time=58ms TTL=253

<Response from ping>

Request timed out.
Request timed out.
Request timed out.
Request timed out.

2. Try to login using telnet. If you cannot login to the PRICOM C-6400W, you may not have assigned the IP address correctly. Verify the desired IP address for the PRICOM C-6400W and change the configuration.
3. If the PC and the PRICOM C-6400W are not on the same segment, you should configure the subnet mask and gateway address in the PRICOM C-6400W. This can be done using the PRICOM User Software CX2.
4. Make sure that the printer port name of the PRICOM C-6400W is displayed behind **PRICOM -Print CX2 TCP Port**.

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Occasionally I cannot print

1. If a DHCP/BOOTP server or RARP server resides on the network, the IP addresses are assigned automatically, which may rewrite the IP address that you have manually assigned to the PRICOM C-6400W. To avoid this problem, tick off **Use DHCP/BOOTP** check box and configure the IP address again.

I cannot print in LPR

1. LPR printing cannot be used with the Canon printer. Refer to our web page in more information.

How can I return to factory default?

1. Factory default is restored by holding down the push-button switch for 15 seconds while powering up.

I cannot use the BJ print monitor

1. If you can use the LPR function of Windows 2000, Windows XP you cannot use the monitor function of Canon print driver.
2. Old Canon printer drivers may not have BJ status monitor function, download the latest Canon driver from Canon web page.
3. The PRICOM C-6400W may not support to BJ status monitor, refer to our web page.
4. If you can use BJ status monitor click **Start** - **Program** - **BJ laser printer** - **BJ Printer Monitor** in Windows and select manual, or automatic mode.

I cannot configure in the AdHoc mode

1. You can change to infrastructure mode by using the push-button switch.
   If you want to change to infrastructure mode, refer to **2, PRICOM C-6400W** - **Start in Infrastructure mode**.

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I cannot use Memory card via network

1. Check the following and retry.

- Can you use the card in another Canon MFP?
- Is the memory card supported in the Canon MFP?
- Is the memory card attached to the card slot in the Canon MFP?
- Did you finish the PRICOM C-6400W configuration?
- Is memory card locked?
- Does the memory card have space to write?
- If you need a password to open the folder, did you put in the correct password?

I cannot use the scanner

1. Check the following and retry.

- Is the PRICOM C-6400W turned on?
- Is the PRICOM USB Utility installed?
- One the PRICOM USB Utility connects to the PRICOM C-6400W?
- Is the scanner driver installed?

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Appendix

How to use USB memory

This section will explain how to configure the PRICOM C-6400W by using USB memory.

By connecting USB memory to the PRICOM C-6400W, the wireless and TCP/IP settings saved on the USB memory will configure the PRICOM C-6400W.

Save the wireless and TCP/IP settings for the PRICOM C-6400W to use USB memory

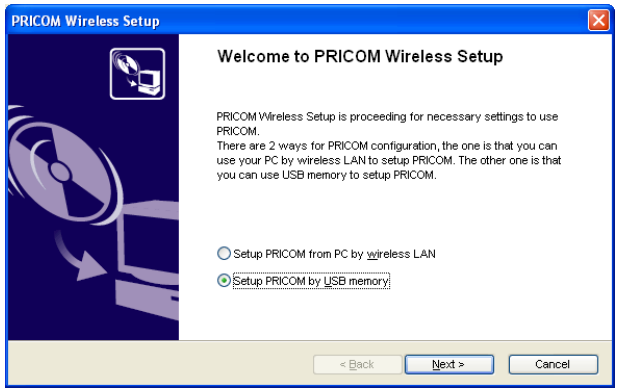
Once the settings are saved to USB memory, the USB memory can be used to configure the PRICOM.

TIP
- To configure the PRICOM C-6400W in Windows 2000, Windows XP you must have Administrator rights.
- This functionality requires software version 1.2.0 or newer.

1. Start the PRICOM User Software CX2.

TIP
- If the screen dose not appear automatically, execute **Autorun .exe** from the CD-ROM.

2. Click **PRICOM Setup.** The screen on the right will appear. Check **Setup PRICOM by USB memory** then click **Next**.



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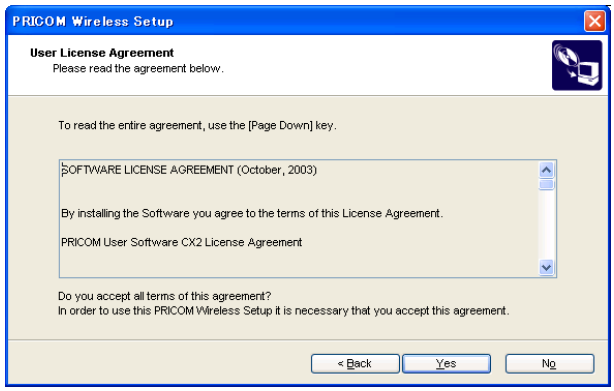
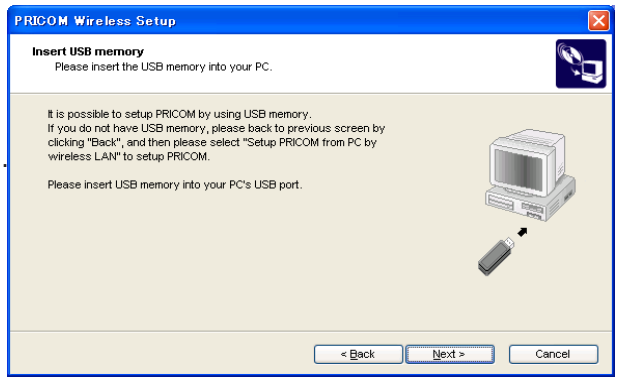
3. Click **Yes,** if you agree to the **SOFTWARE LICENSE AGREEMENT**.



TIP

- If you do not agree to the license agreement, you cannot use our products.

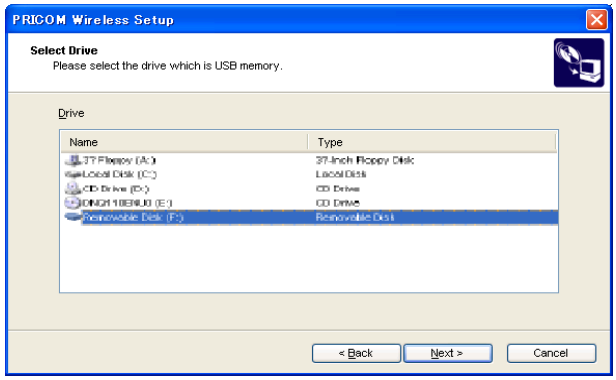
4. Connect the USB memory to the PC, click **Next**.



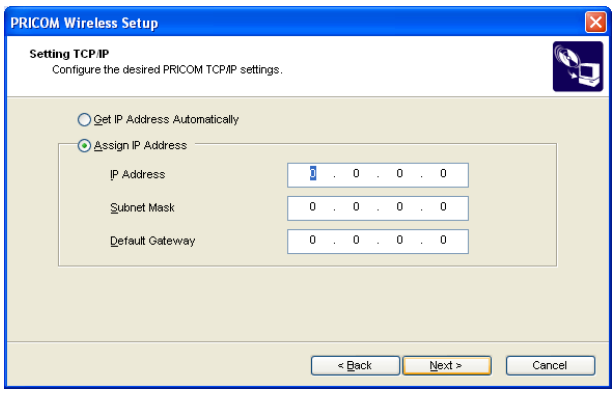
NOTE

- Refer the USB memory documentation.

5. Select the USB memory drive, click **Next**.



6. Configure the TCP/IP parameters, click **Next**.



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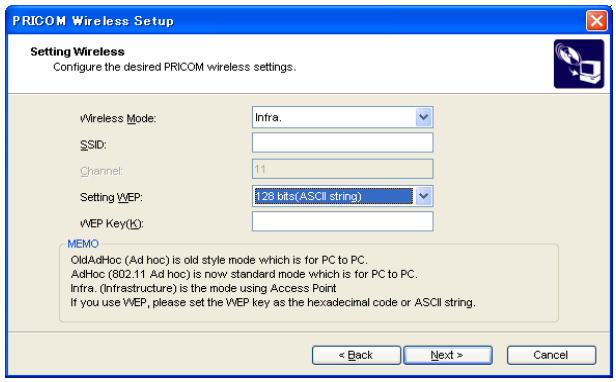
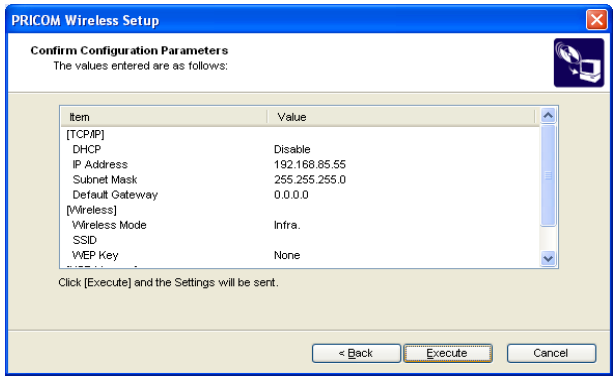
7. Configure the wireless parameters, click **Next**.

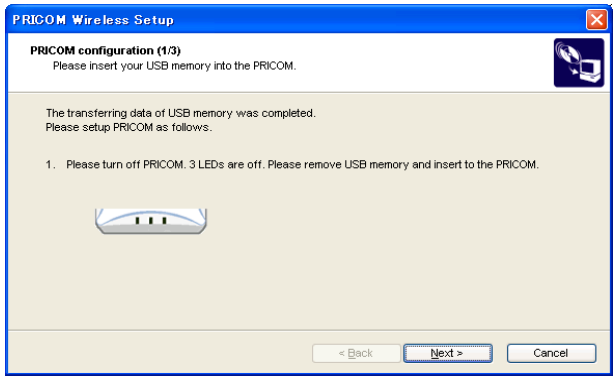


8. Verify each parameter. Click **Execute**. The parameters will be saved to the USB memory.



9. Remove the USB memory from your PC. Click **Next**.

10 Disconnect the AC adapter from the PRICOM C-6400W. Attach the Memory card to the USB port of the PRICOM C-6400W.



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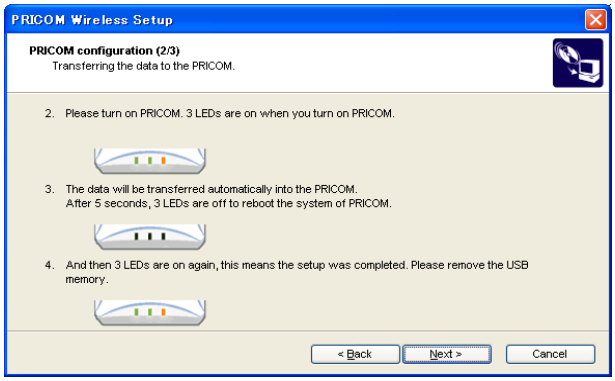
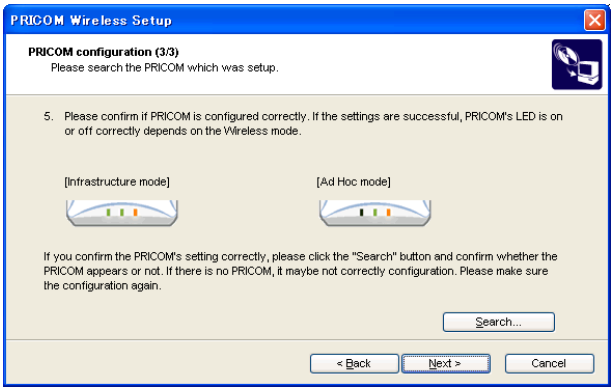
11. Connect the USB memory to the PRICOM C-6400W, and boot the PRICOM C-6400W. Click **Next**.



TIP

- The PRICOM C-6400W will read the configuration saved on USB memory and then will reboot. The PRICOM C-6400W will take about 15 seconds to reboot. Do not disconnect the USB memory while rebooting.

12. Check the LED status. Click **Next**.



TIP

- The LED status will depend on the configuration. Verify the correct configuration.

The PRICOM C-6400W configuration is complete. You can continue to install the PRICOM-Print CX2. Or, the PRICOM USB Utility. If you are done, click **Finish** to quit the wizard.If you reinstall the PRICOM-Print CX2, to a PC which has already installed the PRICOM-Print CX2, you can use the printer port, which you have already created.

If you continue to install Print application, follow step 13.

NOTE

- If you select Cancel and quit the wizard, you can install the print application later directly form the menu screen.

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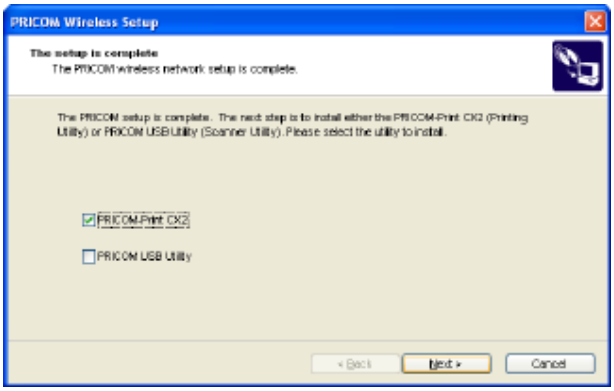
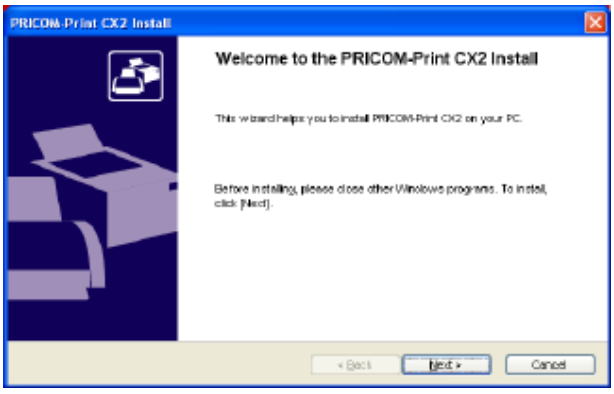
13. Click **Next**.



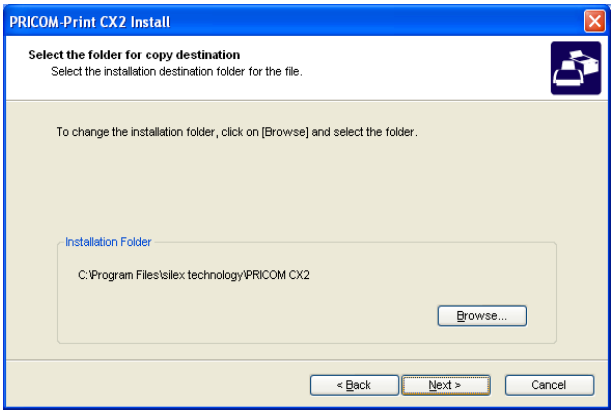
NOTE

- If you check **PRICOM USB Utility**, you can install the PRICOM USB Utility after installing the PRICOM-Print CX2. Refer to **4. Scanner Server** for instructions on how to install the PRICOM USB Utility.

14. Click **Next**.



15. Verify the install folder. Click **Next**.



NOTE

- The default folder is "c:\Program Files\silex technology\PRICOM-Print CX2". To select a another folder click the **Browse** button.

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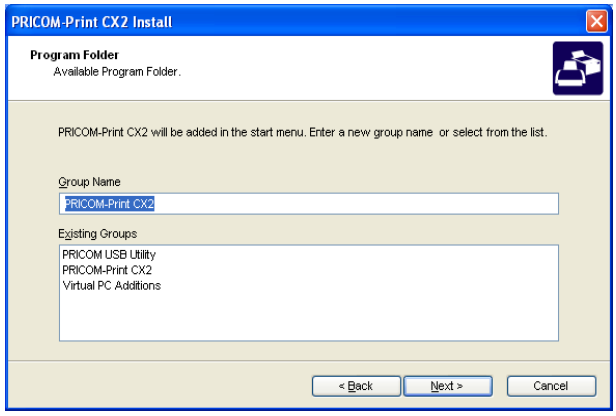
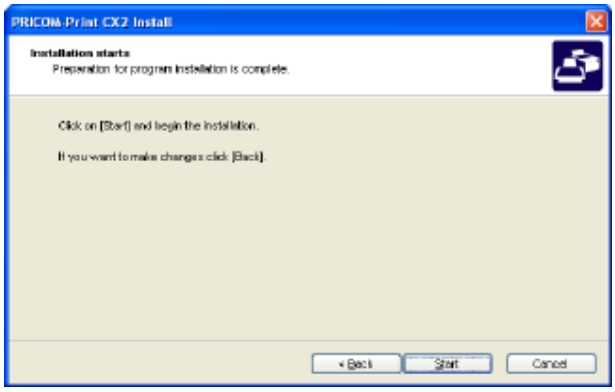
16. Verify the group name, click **Next**.

NOTE

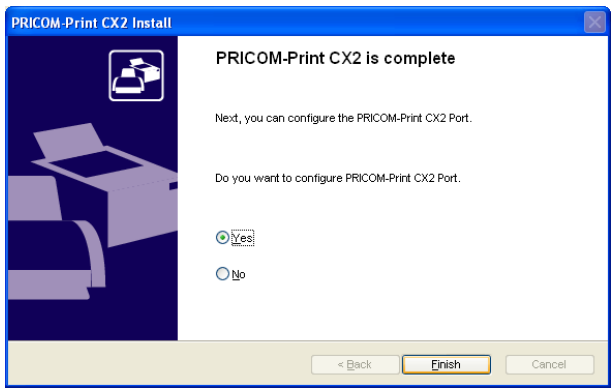
- The default group name is the PRICOM- Print CX2. You can change the name to anything you want.



17. Click **Start**.



18. After the set up preparations are finished, click **Finish**.



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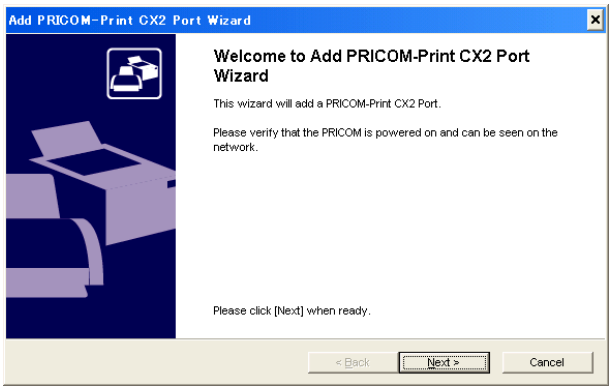
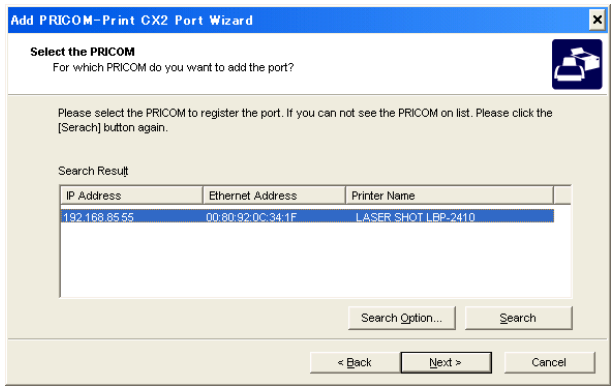
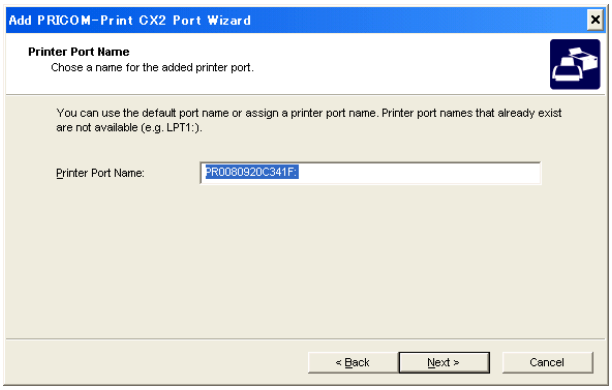
19. The PRICOM-Print CX2 for print configuration starts, click **Next.**



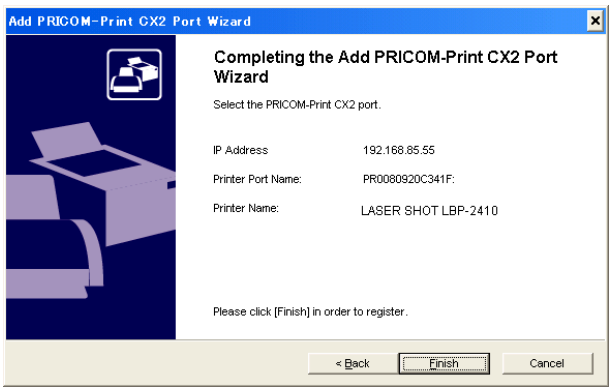
20. Select the PRICOM, that you want to set up, and click **Next**.



21. Assign the printer port name and click **Next**.



22. In the next step, the selected configuration will be displayed for you to check. If the configuration is correct, click **Finish** to implement it.



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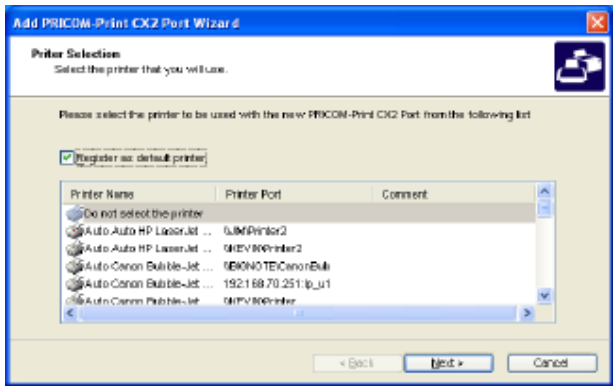
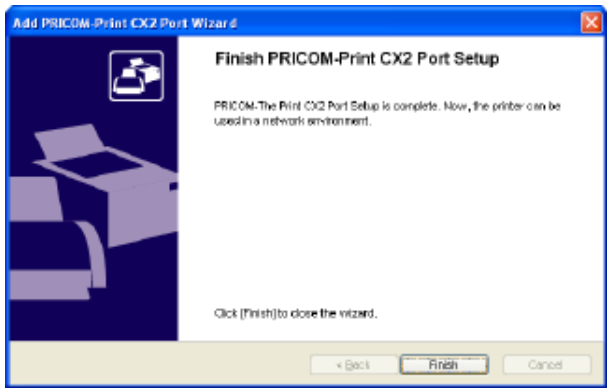
23. Select the printer driver for the printer attached to the PRICOM C-6400W. Click **Next**.



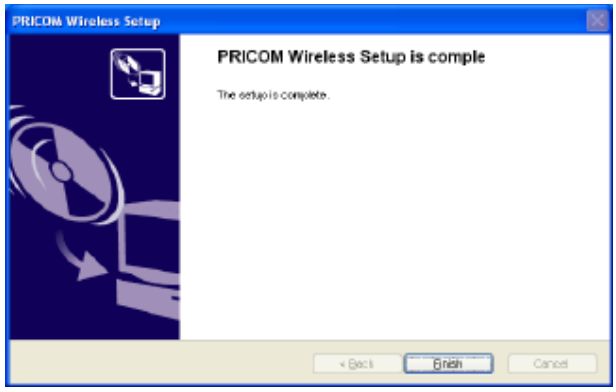
TIP

- If you have not yet installed the printer driver, select **Do not select printer**, click **Next**. It is possible to install the printer driver later and create the printing port.

24. Click **Finish.**



25. Click **Finish.**



The PRICOM C-6400W configuration is complete. Restart your PC, and try a TEST print.

If you set up another PC, you do not need to configure the PRICOM C-6400W. Select [(3)Print Utility Setup] on menu screen and install the PRICOM- Print CX2.

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Write configuration information using an editor.

1. Connect the USB memory your PC.

2. Description of configure file.

You can create a description file in Windows notepad.
The following is a description of the format.

Format

```
---------------------------------------------------------------
silex
Wireless Mode = 1
SSID = GROUP
Channel = 11
USE WEP = 0
WEP Key = 00000000000000000000000000
DHCP/BOOTP = 1
RARP = 1
IP Address = 0.0.0.0
Subnet Mask = 0.0.0.0
Default Gateway = 0.0.0.0
---------------------------------------------------------------
```

TIP

- You should write **silex** in first line of the file.
- A file edited incorrectly in notepad may be not supported.
- Each parameter is specified by parameter name = parameter and enter.

Configure	Name	Parameter
Wireless	Wireless Mode	0:OldAdHoc, 1:AdHoc, 2:Infra
	SSID	
	Channel	1--14
	USE WEP	0:NONE, 1: 64bit, 2:128bit
	WEP Key	10 or 26 line hex(0-9, a-f)
TCP/IP	DHCP/BOOTP	0:Desable, 1:Enable
	RARP	0:Desable, 1:Enable
	IP Address	0.0.0.0-255.255.255.255
	Subnet Musk	0.0.0.0-255.255.255.255
	Default Gateway	0.0.0.0-255.255.255.255

- The function is limited in using USB memory.

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3. File name

If you create the configuration file using an editor, save as [config.txt] or cfgxxxxxx.txt. (xxxxxx is last 6 digits of the Ethernet Address for the PRICOM C-6400W).

Example for saving the configure file

1. Save [config.txt].

2. If this product's MAC address is [00:80:92:34:c0:19], your file name is [cfg34c019.txt].

- If you have a lot of PRICOM C-6400W on your network, you create several files using the [cfgxxxxxx.txt] format in an editor to save time.

- When both a config.txt file and a cfgxxxxxx.txt file exist in USB memory, the second file that includes the Ethernet address will be the selected file.

4. Saved file

Save to file in the root directory of USB memory.

5. Refer to the section 3-4 page 10-12 for instructions on how to configure the PRICOM C-6400W.

6. Select [(3)Print Utility Setup] from the User Software CX2, and refer to section 5-8 page 14-24 for more details.

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Using a standard OS print client

This section explains how to print using the Windows print function.

TIP

- If you use the Windows printing function, you cannot use the Canon printer driver monitor function.
- To configure the PRICOM C-6400W in Windows 2000, Windows XP you must have Administrator rights.

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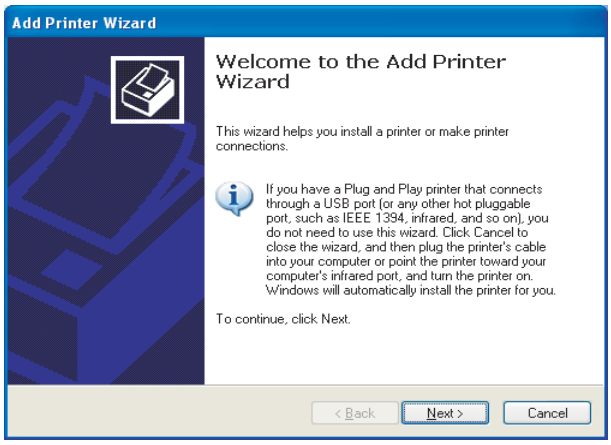
Print using the Windows 2000, Windows XP Standard TCP/IP port

TIP

- The following example used Windows XP. If you use Windows 2000, the screens will be different.
- To configure the PRICOM, you must be Administrator.

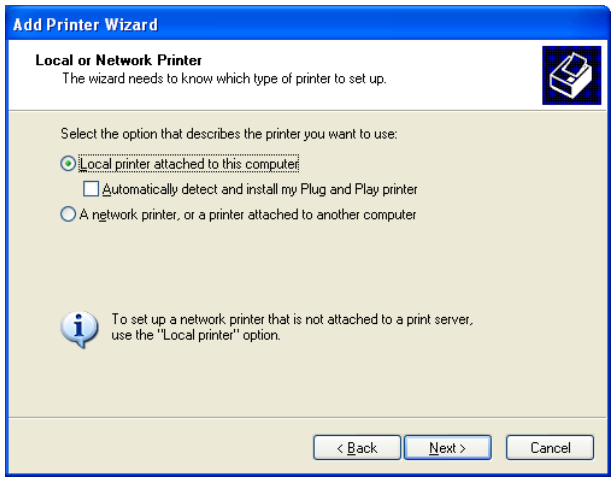
1. Click **start** - **Control Panel** - **Printers and Faxes** - **Add a printer** to start the wizard to add a printer. Then click **Next**.



NOTE

- If you use Windows 2000, Click **Start** - **Settings** - **Control Panel** - **Printers**. Then click the **Add Printer** icon.

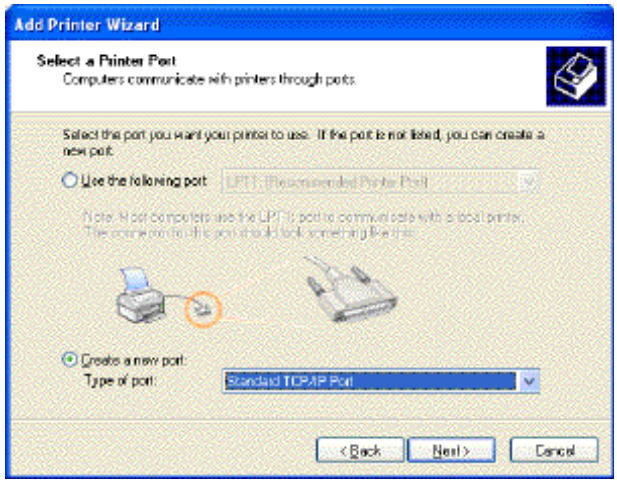
2. Select **Local printer attached to this computer**. Be sure to remove a check mark from the **Automatically detect and install my Plug and Play printer**. Click **Next**.



NOTE

- If you use the Windows 2000, select **Local Printer**. And be sure to remove a check mark from the **Automatically detect and install my Plug and Play printer**.

3. Check the **Create a new port**, and select **Standard TCP/IP Port**. Click **Next**.



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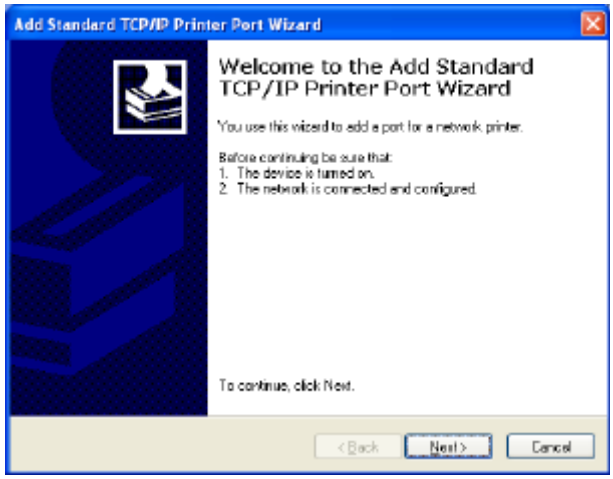
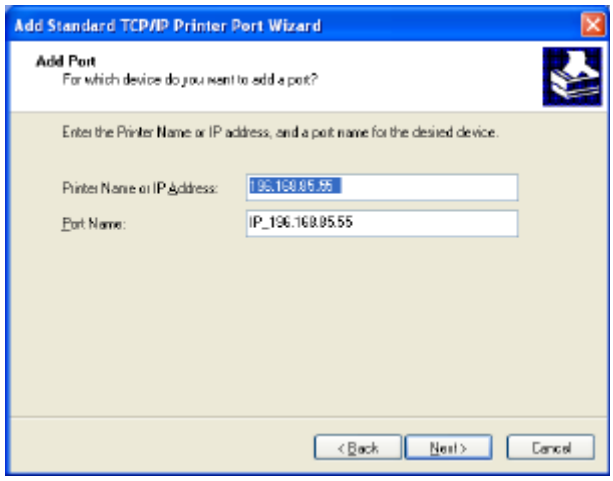
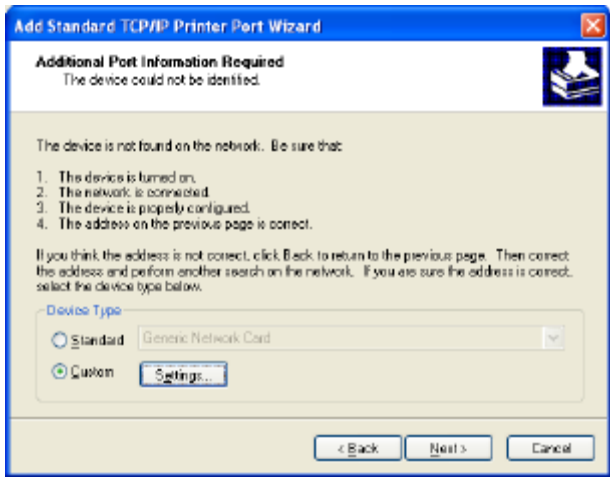
4. Click **Next**.



5. Input the IP address for the printer name . If you do not want to assign a port name, use the default name (IP_xxx.xxx.xxx.xxx).



6. Select **Custom** and then click **Settings**.



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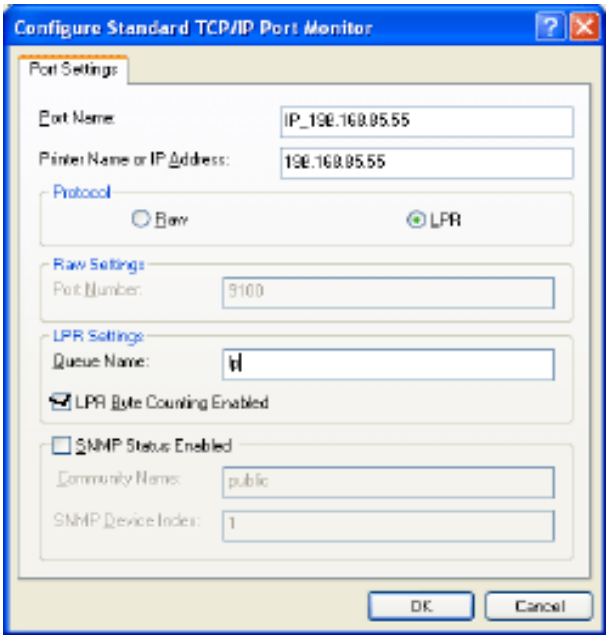
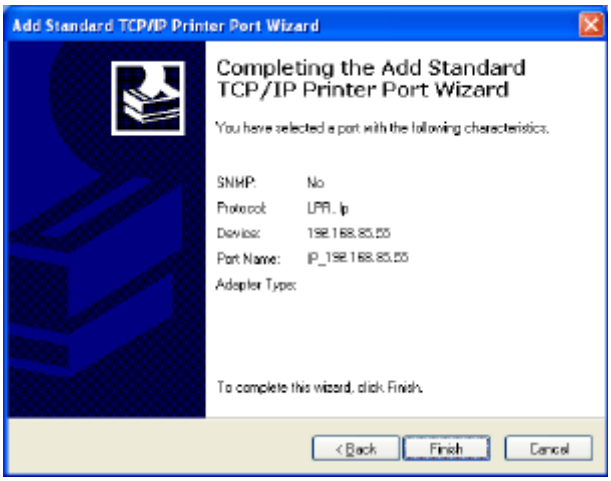
7. Select LPR, check the **LPR** and input **lp** in **Queue name** and check **LPR Byte Counting Enabled.** Click **OK**.



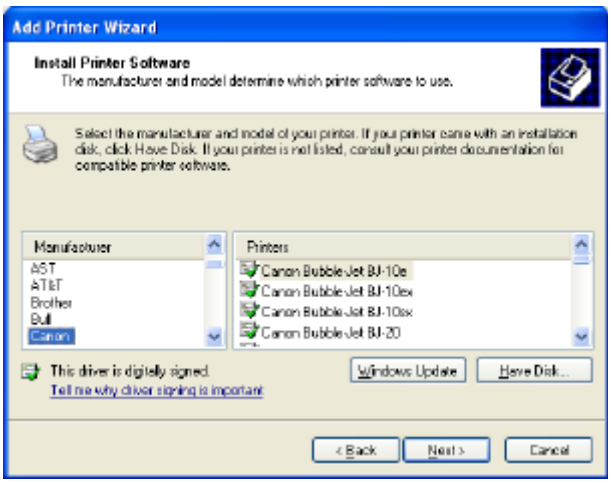
NOTE

- The OK will return you to number 6. Click **Next**.

8. Click **Finish**.



9. Select the printer driver. Click **Next**.



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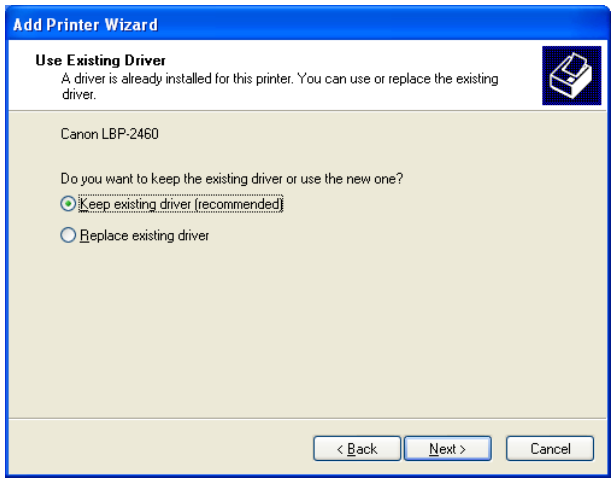
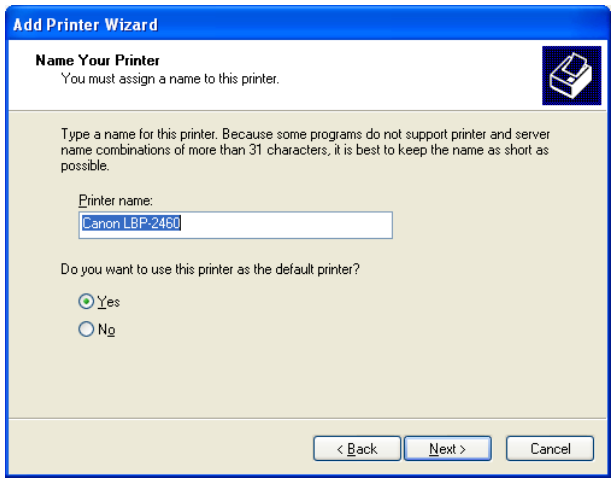
10. If **Use existing Driver** appears, select **Keep existing driver (recommended)** or **Replace existing driver**. Click **Next**.



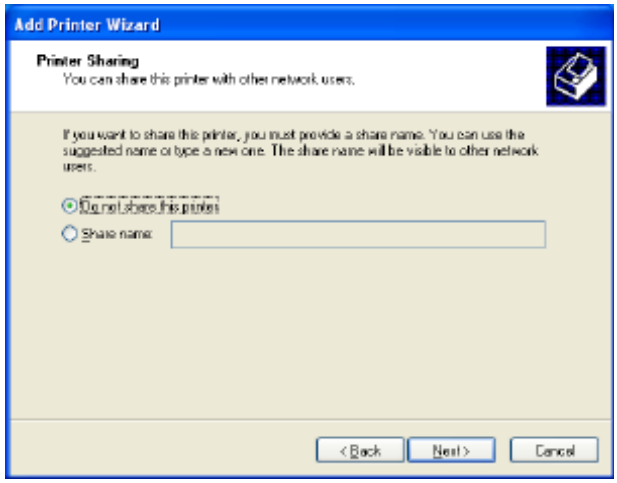
NOTE

- If you have not installed the latest driver, select Replace existing driver.

11. Select default printer. Click **Next**.



12. Select whether to **Share name** or **Do not share this printer**. If you select **Share name**, you can type printer name you want to use. Click **Next**.



NOTE

- If the printer is shared with other computers in the same network, select **Do not share this product**.

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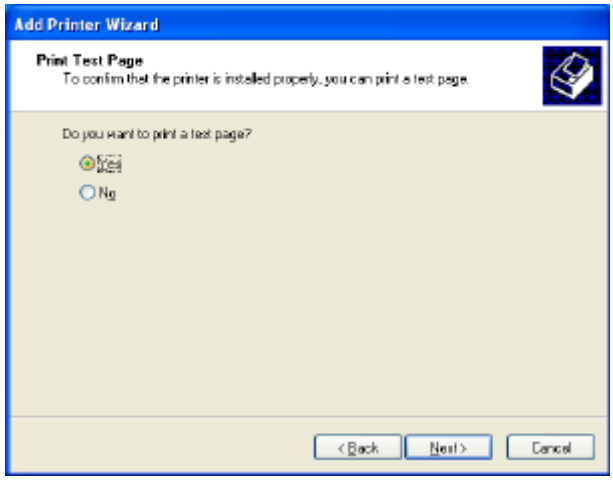
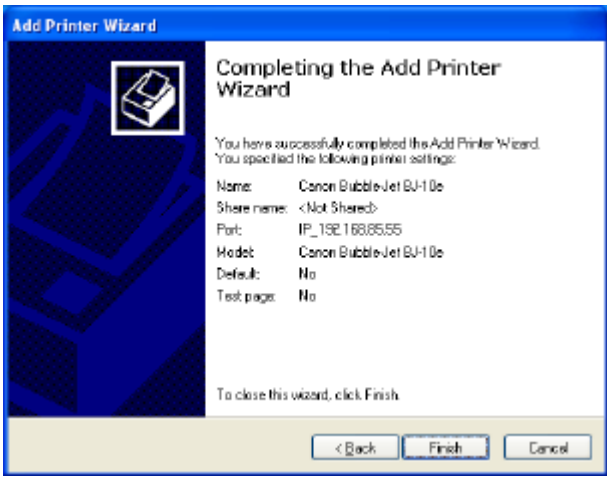
13. Select **Yes** to print a test print. Click **Next**.



14. Verify the configuration and click **Finish**. If test print has been printed, the configuration was successful.



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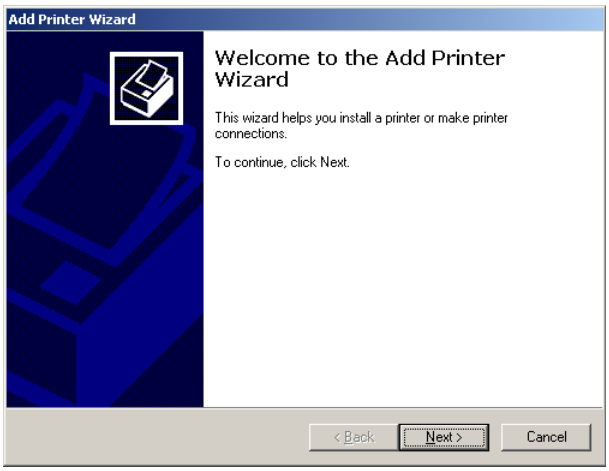
Print using the Windows 2000 LPR port

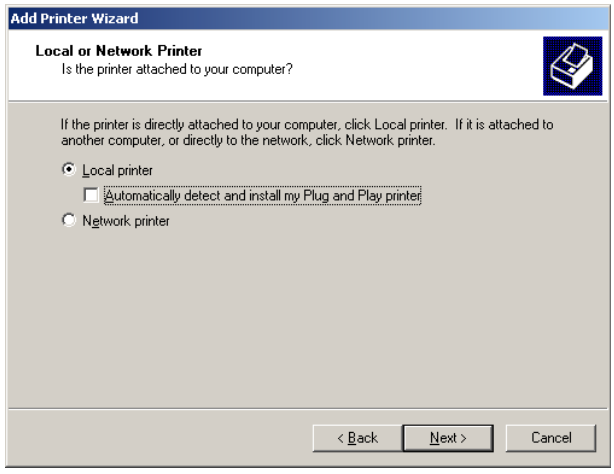
NOTE

- If you use a LPR port to print, you will need to add the LPR Port. Open the **start** - **Settings** - **Control Panel** - **Add or Remove Programs**. Click the **Add/Remove Windows Components**. Windows components are displayed, select **other Network file and Printing service** - **Detail** - **UNIX printing service**, and click the **OK**. Click **finish**. The LPR port software has been added.

1. Click **Start** - **Settings** - **Control Panel** - **Printers**. Click the **Add Printer** icon. the Add Printer wizard will appear. Click **Next**.



2. Select **Local printer** in printer connection. Be sure to remove a check mark from the **Automatically detect and install my Plug and Play printer.**



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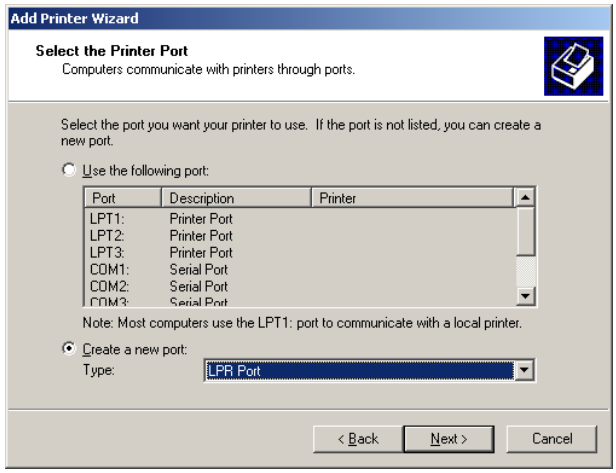
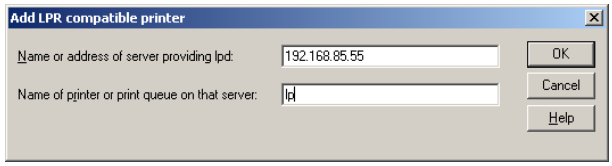
3. Check **Create a new port** in select the printer port. Select **LPR Port** and click **Next**.

NOTE

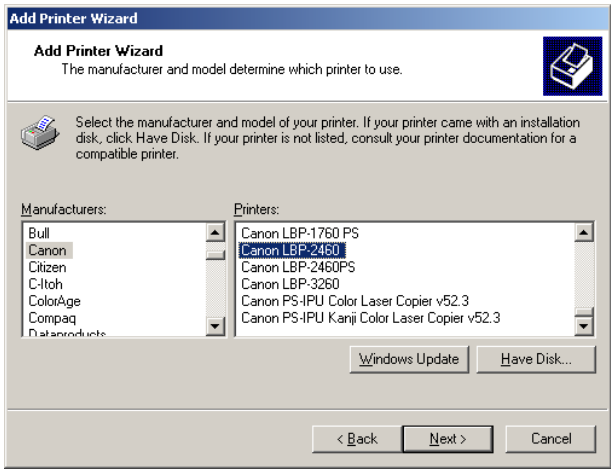
- If you have already created the port, select the created port. Click **Next**.



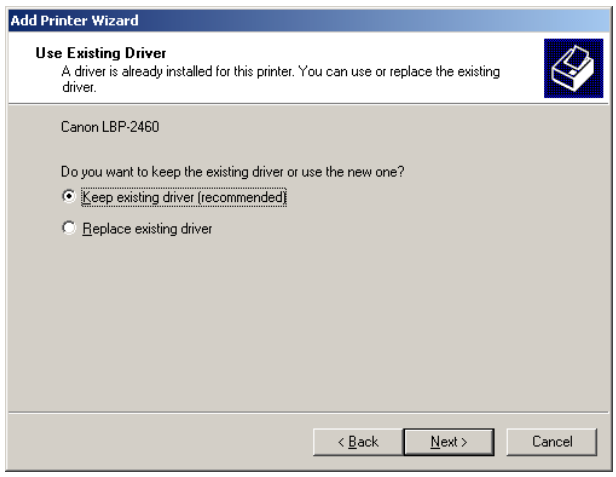
4. Input the IP address of the PRICOM for server name, input **lp** for the queue name. Click **OK**.



5. Select an appropriate printer in the list and click **Next**.



6. If **Use existing Driver** appears, select **Keep existing driver (recommended)** or **Replace existing driver**. Click **Next**.



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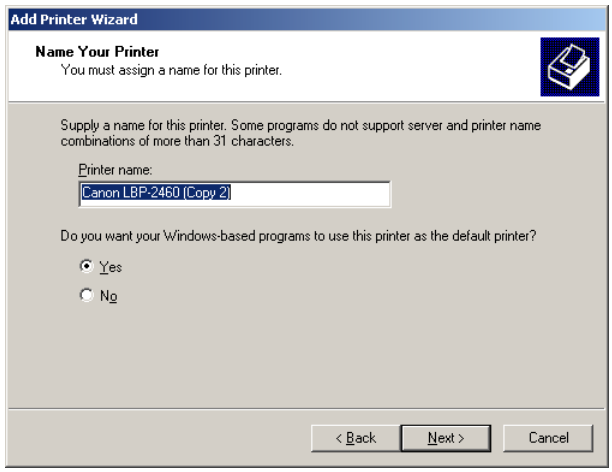
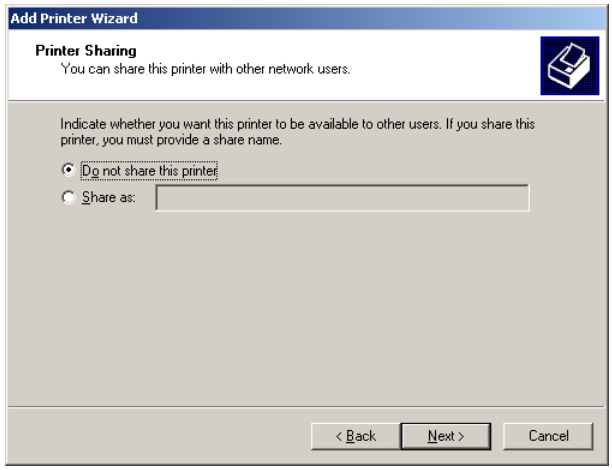
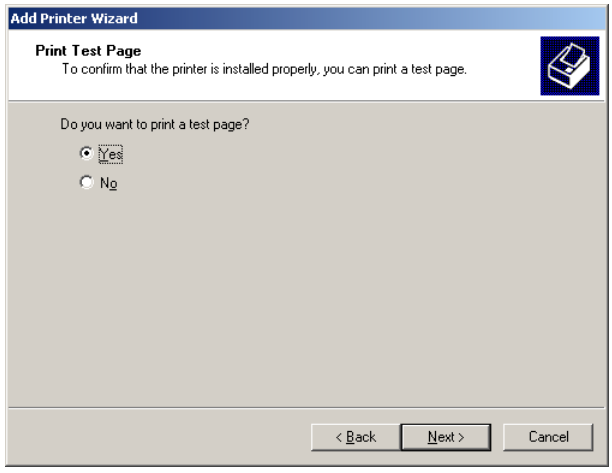
7. Enter a printer name. Select whether this will be the default printer or not. Click **Next**.



8. Select whether or not to share the printer and click **Next**.



9. Select **Yes** to print a Test page. Click **Next**.



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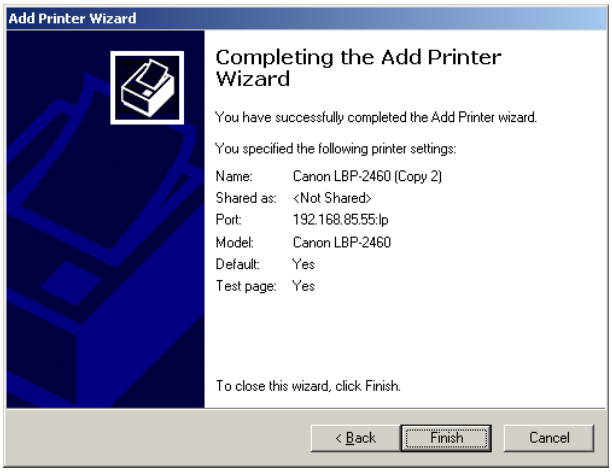
10. Verify the proper configuration, and click **Finish**. If test page has been printed, set up is completed.



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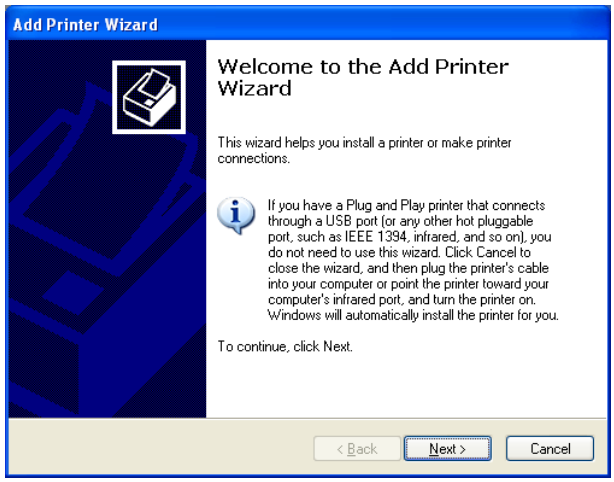
Print using the Windows XP LPR port

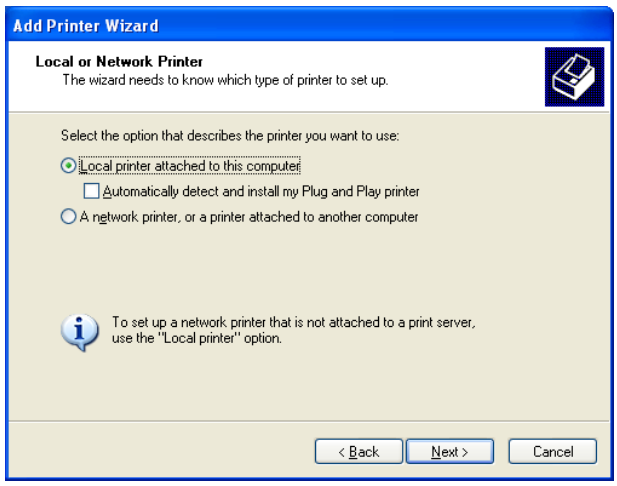
NOTE

- In order to print using a LPR, the LPR port must be added. Go to **start-Control Panel-Add or Remove Programs-Add/Remove Windows Components** and open **Windows Components Wizard**. In Components, select **Other Network File and Print Services**, click **Details**, select **Print Services for Unix** and click **OK**. **Windows Components Wizard** will be displayed, and then click **Next**. After the component is added, click **Finish**. The LPR port is now added.

1. Go to **start-Control Panel-Printers and Faxes** and click **Add a printer** and start the wizard. Click **Next**.



2. Select **Local printer attached to this computer**. Be sure to remove a check from the **Automatically detect and install my Plug and Play printer**. Click **Next**.



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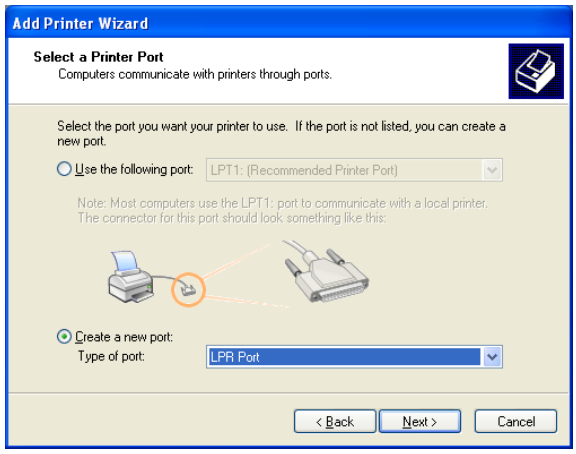
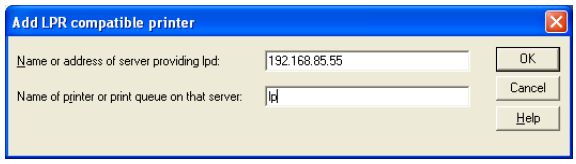
3. Select **Create a new port** in **Select a Printer Port** and create a new port. Select **LPR Port** and click **Next**.



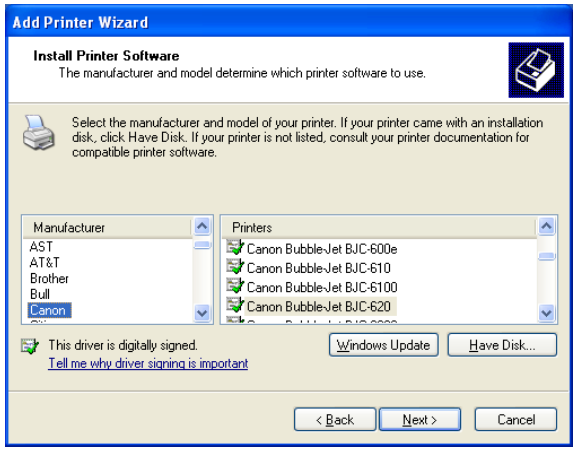
NOTE

- If the destination print port was created when installing the PRICOM, select the port from **Use the following port** and click **Next**.

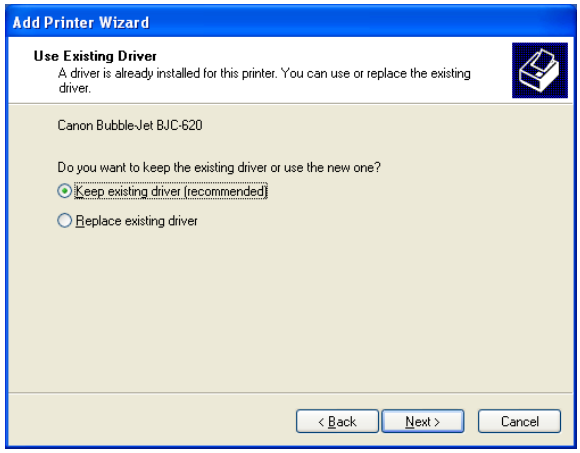
4. At **Name or address of server providing lpd**, type in the IP address which was set to the PRICOM. At **Name of printer or print queue on that server**, add **lp** and click **OK**.



5. At **Install Printer Software**, select the printer driver to be used. Click **Next**.



6. If **Use existing Driver** appears, select **Keep existing driver (recommended)** or **Replace existing driver**. Click **Next**.



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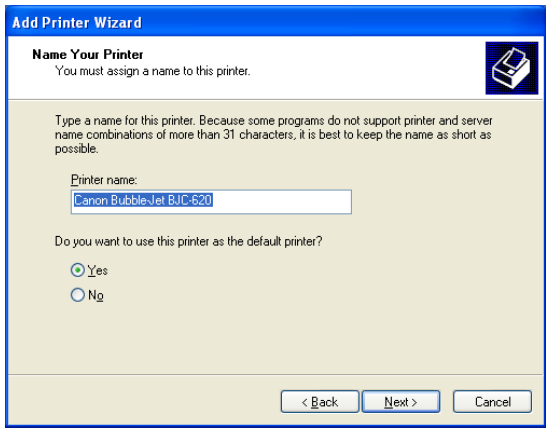
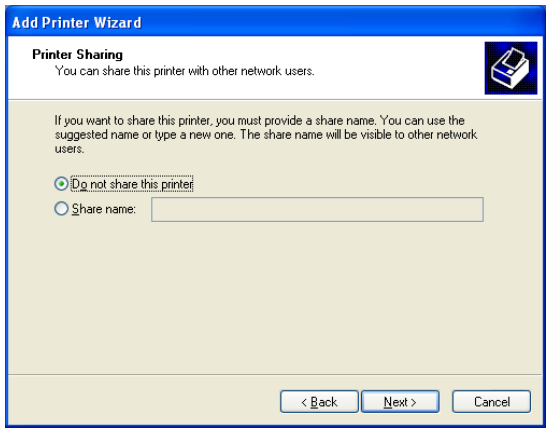
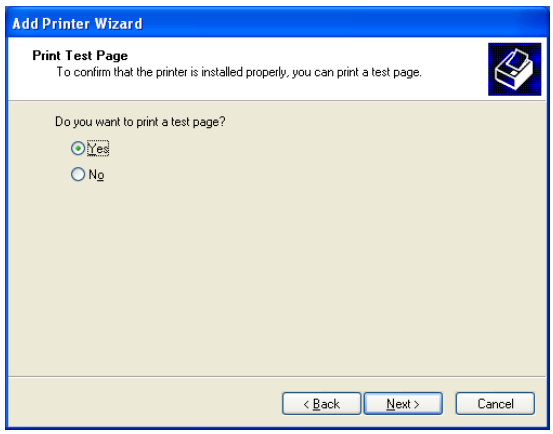
7. At **Name your printer**, add the printer name to be used in Windows XP. Select whether to use this printer as a default printer or not, then click **Next** .



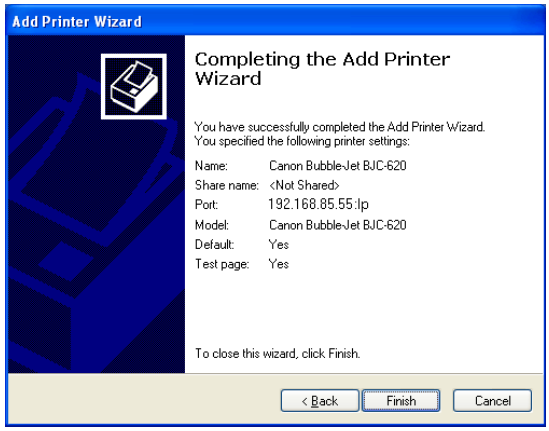
8. Select **Share name** or **Do not share this printer** according to your environment on the **Printer Sharing**. If the printer is shared, type a share name. Click **Next**.



9. At the **Print test page**, select **Yes**. Click **Next**.



10. The information of the configuration will be listed. If there are no mistakes, click **Finish**. The new printer will be added to the list. If the test print is correct, the printer set up is complete.



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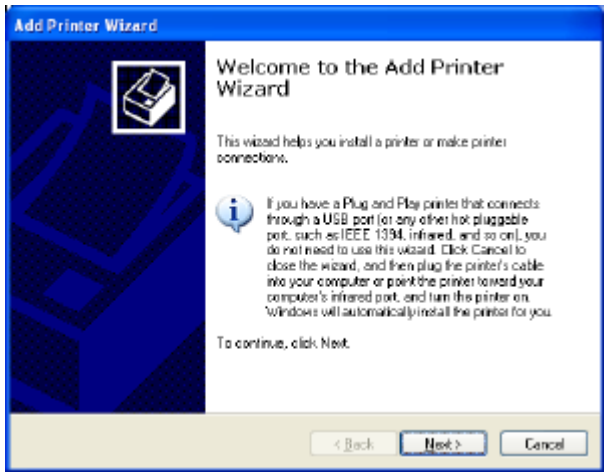
Print Using the Windows 2000, Windows XP IPP port

This section will explain how to print using IPP in Windows environments.

TIP

- To configure you shouted log in as Administrator.
- The example is for Windows XP. If you use Windows 2000, the screens may be different.

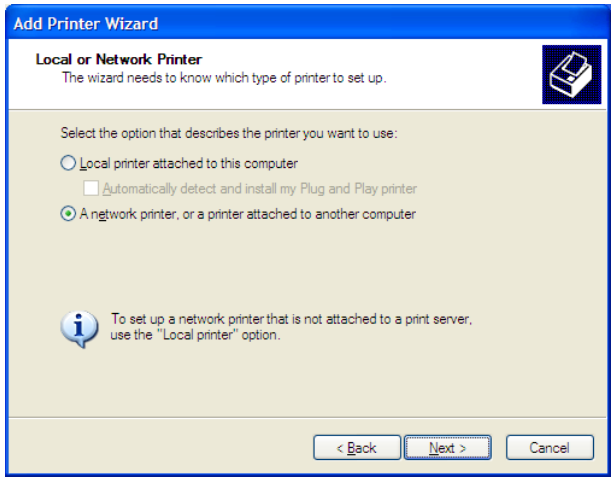
1. Select **start** - **Control Panel** - **Printers and Faxes**. Click **Add a printer**. the add wizard will appear.



NOTE

- If you use the Windows 2000, Open the **Start** - **Settings** - **Control Panel** - **Printers**. Click the **Add Printer** icon.

2. Select **A network printer, or a printer attached to another computer**.



NOTE

- If you use the Windows 2000, Select **Network printer**.

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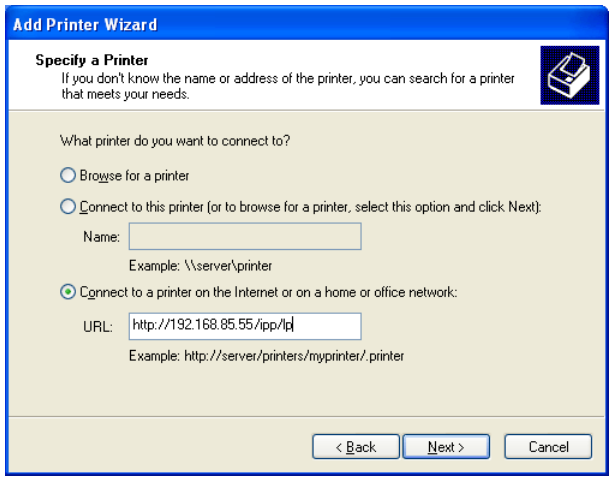
3. Select **Connect to a printer on the Internet or on a home or office network**. And enter the IP address or the URL for the PRICOM port. Click **Next**.



Example:

URL is [abc.com]

http://abc.com/ipp/lp else **http://abc.com/ipp**

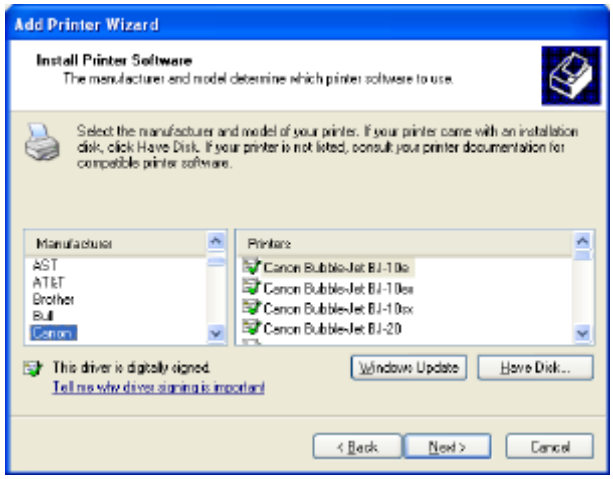
IP address is 192.168.85.55

http://192.168.85.55/ipp/lp else **http://192.168.85.55/ipp**

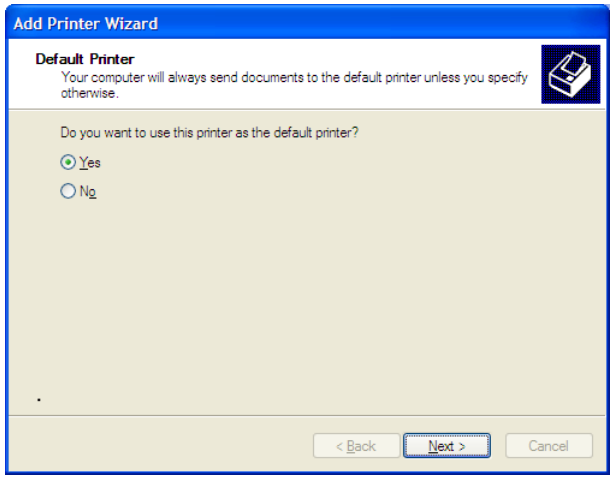
NOTE

- If you use the Windows 2000, Occasionally a **Printer connections** screen will appear. If so, click OK.

4. Select the printer driver you want to use. Click **Next**.



5. Select whether or not this is the default printer. Click **Next**. Click **Finish** to complete adding the printer.



TIP

- If you use IPP printing, your PC will needed to be configured for proper proxy server setting to print via internet. If you use the Internet Explorer4/5, right click the internet in start menu. Open the Internet proxy, select the connection - configure LAN. And configure the proxy server.

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Connect to the PRICOM C-6400W from a Web browser

It is possible to view the parameters of the PRICOM C-6400W or printer status via web browser.

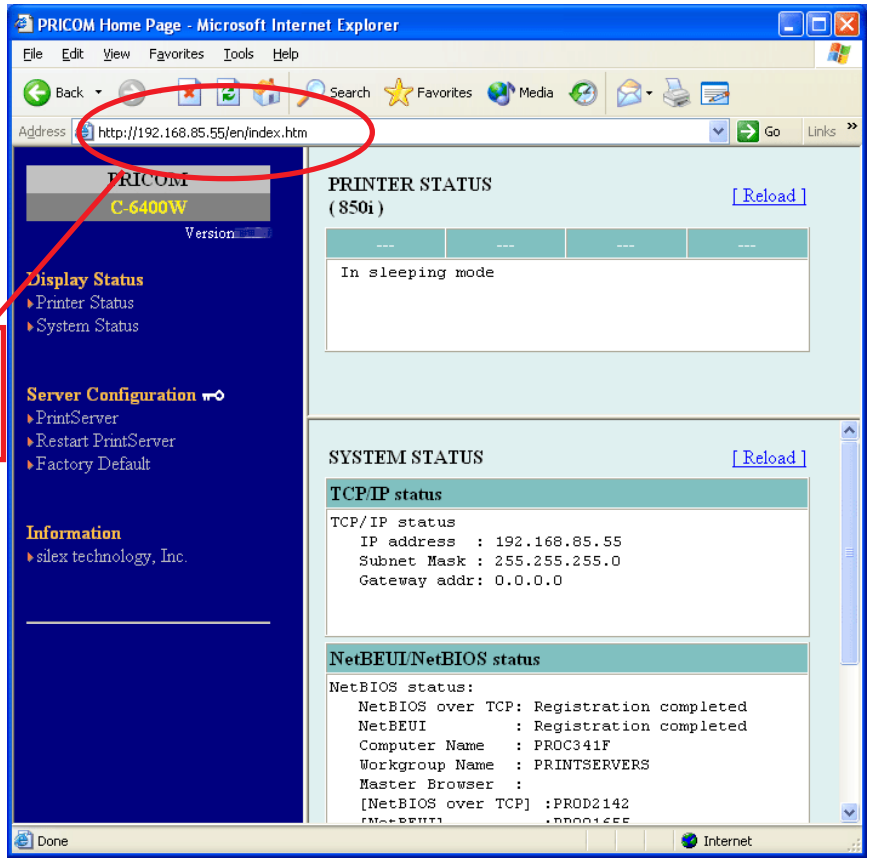
TIP

- To connect to the PRICOM C-6400W via Web browser, An IP address must have been already assigned to the PRICOM C-6400W.
- You cannot do the initial setting via Web browser.

Connect to the PRICOM C-6400W

Load your web browser, and enter the IP address of the PRICOM C-6400W in address bar.

If the PRICOM C-6400W's IP address is 192.168.85.55, input the http://192.168.85.55/.



TIP

- We recommend to use Netscape Navigator 4.0 or InternetExplorer4.0 later. If you use the another web browser, it must support HTTP 1.0(RFC1945) and HTML2.0(RFC1866).
- The screen may vary.

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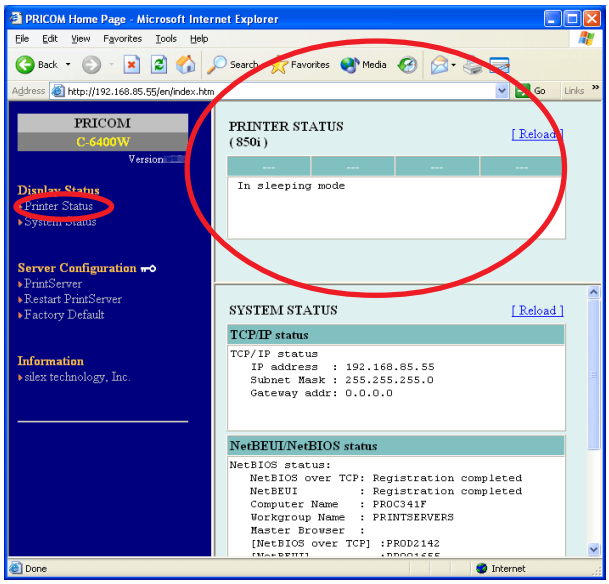
The PRICOM C-6400W HTTP screen

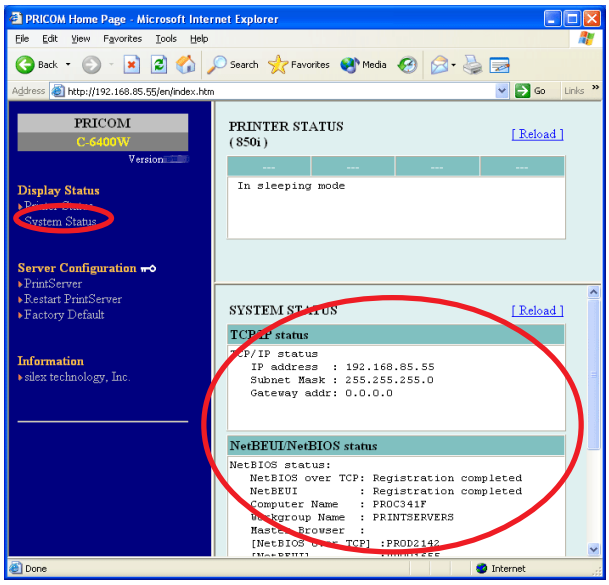
<Printer Status>

The printer status is displayed as well as the printer name.



<System Status>

The set up parameters for the PRICOM C-6400W are displayed.



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<PrintServer>

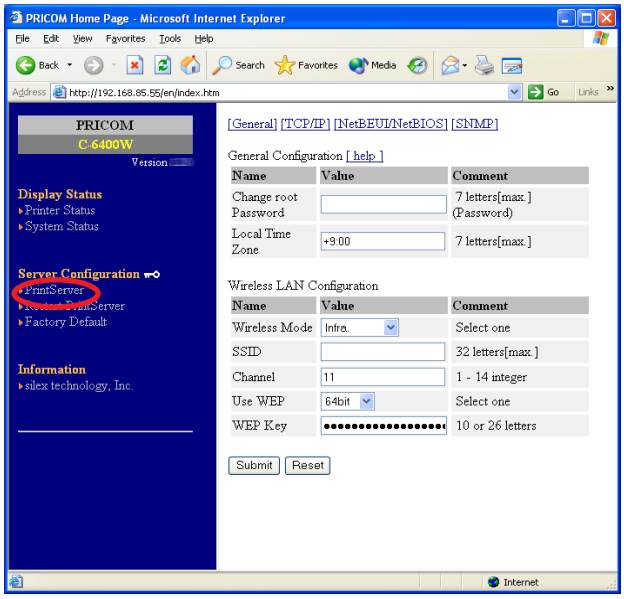
The parameters can be changed for the PRICOM C-6400W from web browser.

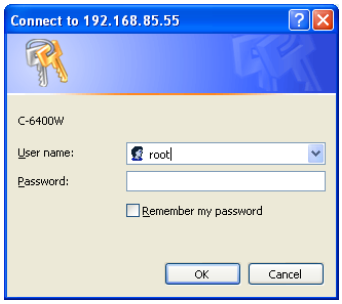
TIP

- Input **root** for the username then click **OK**, or enter the password if you have created one. The default is no password (Blank).

NOTE

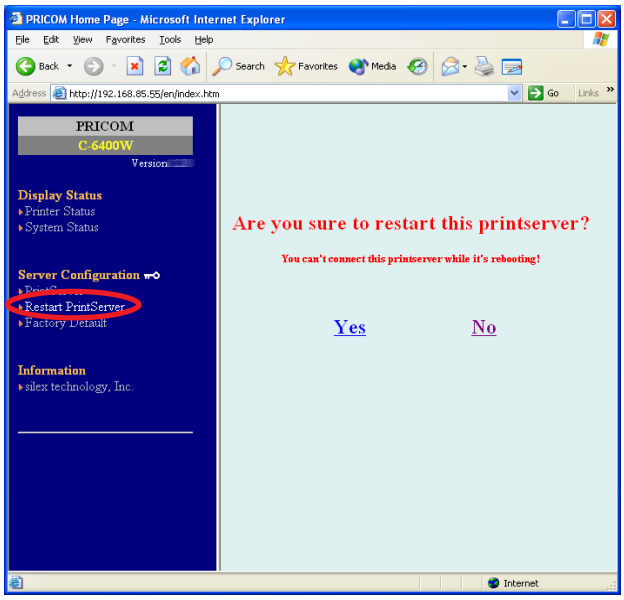
- Restart the C-6400W when the parameters are changed.





<Restart PrintServer>

If you are done, select **Yes**, the PRICOM C-6400W is restarted.



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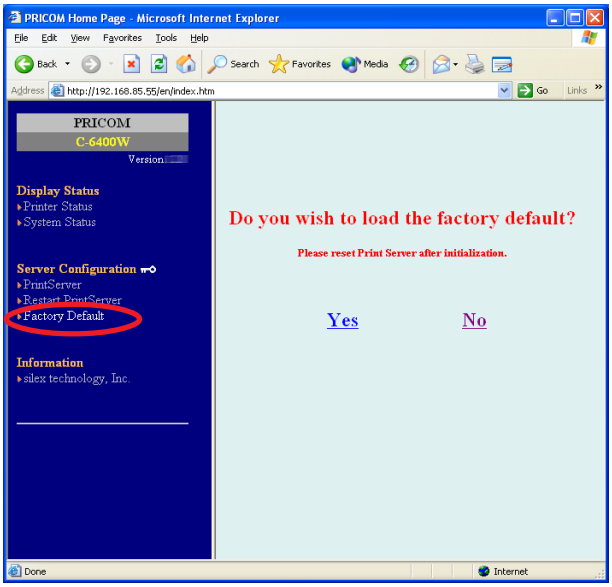
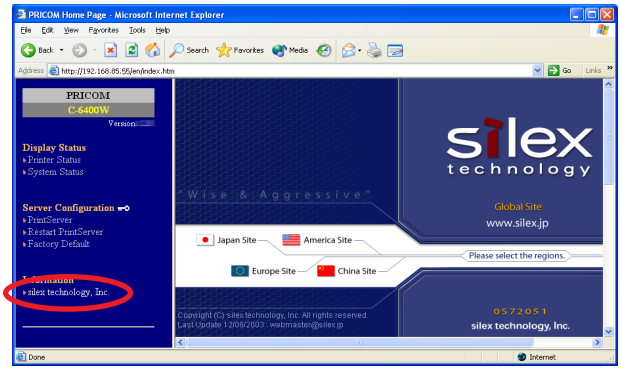
<Factory Default>

If you select **Yes**, the PRICOM C-6400W is restored to factory default.



<silex technology,Inc.>

You can access to our web page from the link. If you have any questions, visit our web site for support information.



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Other functions

This chapter explains other functions about the PRICOM C-6400W. A web browser or TELNET is required for configuration.

NOTE

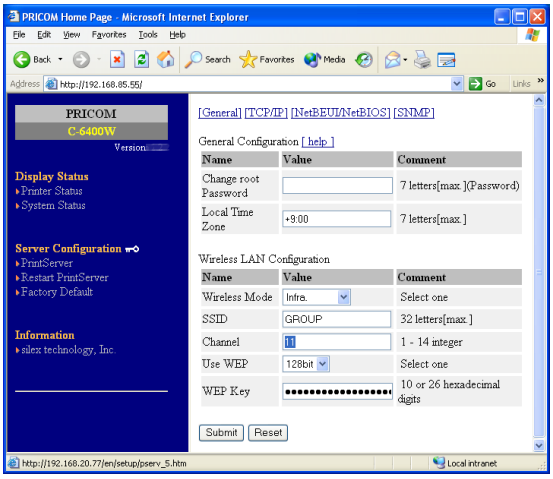
- For further details on how to use the PRICOM C-6400W Web browser, TELNET or the procedure to change the PRICOM C-6400W configuration, refer to "Connect to the PRICOM C-6400W from a Web browser" or "TELNET" in this section.

IP filtering

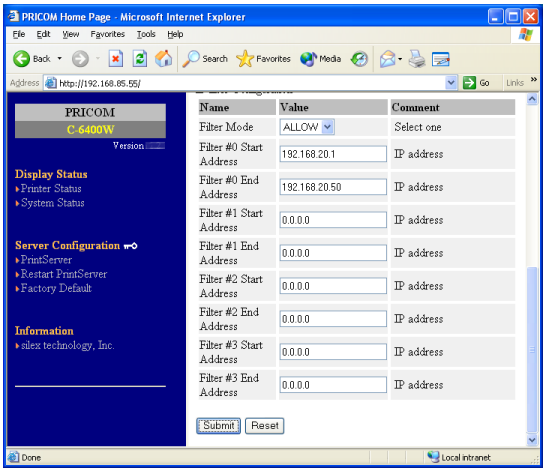
The PRICOM can define scopes of IP addresses to allow or deny communication. When setting up for "DENY", communications from the designated IP address scope will be prohibited. When setting up "ALLOW", communication will be allowed only from the designated IP addresses. Up to 4 IP address scopes can be registered for the DENY/ALLOW functions. IP filtering can protect illegal access from unexpected network client users.

(Example)
To allow access from the IP address scope between 192.168.20.1-192.168.20.50 using a web browser;

1. Log in to the PRICOM via a web browser, then go to the "TCP/IP" tab.



2. Enter the necessary parameters at "IP filter Configuration" in the "TCP/IP" item. For this case, enable "ALLOW" at the Filter Mode, then enter 192.168.20.1 and 192.168.20.50 for both "Start Address" and "End Address" area respectively.



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TELNET

After the IP address has been configured, you can configure the TCP/IP, SNMP parameters in the PRICOM C-6400W using TELNET. You can configure the PRICOM C-6400W using a command line. The following is example for each menu.

- The default login name = root, Password = (none))

- The following is an example of TELNET.

```
PRICOM C-6400W Ver x.x.x TELNET server.
Copyright (C) 2003 silex technology, Inc.
login: root
'root' user needs password to login.
password:
User 'root' logged in.

 No.  Item                                Value          (level.1)
-------------------------------------------------------------------------
  1 : Configure General
  2 : Configure TCP/IP
  3 : Configure NetBEUI/NetBIOS
  4 : Configure SNMP
 96 : Display Status
 97 : Reset Settings to Defaults
 98 : Restart Print Server
 99 : Exit
Please select(1 - 99)?
```


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- An example of Configure General menu[1]

```
 No.  Item                        Value        (level.2)
-----------------------------------------------------------------------
  1: Change root Password         : "*******"
  2: Local Time Zone              : "+9:00"
  3 : Configure Wireless LAN
 99 : Back to prior menu
Please select(1 - 99)?
```

- An example of Configure Wireless LAN menu[2]

```
 No.  Item                        Value        (level.3)
-----------------------------------------------------------------------
  1 : Wireless Mode               : Infra.
  2 : SSID                        : "GROUP"
  3 : Channel                     : 11
  4 : Use WEP                     : None
  5 : WEP Key                     : "***************************"
 99  : Back to prior menu
Please select(1 - 99)?
```

- An example of Configure TCP/IP[3]

```
 No.  Item                        Value        (level.2)
-----------------------------------------------------------------------
  1 : DHCP/BOOTP                  : ENABLE
  2 : RARP                        : ENABLE
  3 : IP Address                  : 0.0.0.0
  4 : Subnet Mask                 : 0.0.0.0
  5 : Default Gateway             : 0.0.0.0
  6 : WINS
  7  : IP Filter Config
 99  : Back to prior menu
Please select(1 - 99)?
```


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- An example of WINS[4]

```
 No.  Item                        Value        (level.3)
-----------------------------------------------------------------------
  1 : Primary Server              : 0.0.0.0
  2 : Secondary Server            : 0.0.0.0
  3 : Scope ID                    : ""
 99 : Back to prior menu
Please select(1 - 99)?
```

- An example of IP Filter Config[5]

```
 No.  Item                        Value        (level.3)
-----------------------------------------------------------------------
  1 : Filter Mode                 : DENY
  2 : Filter #0 Start Address     : 0.0.0.0
  3 : Filter #0 End Address       : 0.0.0.0
  4 : Filter #1 Start Address     : 0.0.0.0
  5 : Filter #1 End Address       : 0.0.0.0
  6 : Filter #2 Start Address     : 0.0.0.0
  7 : Filter #2 End Address       : 0.0.0.0
  8 : Filter #3 Start Address     : 0.0.0.0
  9 : Filter #3 End Address       : 0.0.0.0
 99 : Back to prior menu
Please select(1 - 99)?
```

- An example of Configure NetBEUI/NetBIOS[6]

```
 No.  Item                        Value        (level.2)
-----------------------------------------------------------------------
  1 : NetBEUI Protocol            : ENABLE
  2 : NetBIOS over TCP            : ENABLE
  3 : Computer Name               : "PR0016BB"
  4 : Workgroup                   : "PRINTSERVERS"
  5 : Comment                     : "PRICOM C-6400W"
  6 : Browse Master               : ENABLE
 99 : Back to prior menu
Please select(1 - 99)?
```


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- An example of Configure SNMP[7]

```
 No.  Item                        Value          (level.2)
-------------------------------------------------------------------------
  1 : Authentic Community      : "****************"
  2 : Trap Community           : "public"
  3 : Trap Address(IP)         : 0.0.0.0
  4 : SysContact               : ""
  5 : SysName                  : ""
  6 : SysLocation              : ""
  7 : EnableAuthenTrap          : 2
 99 : Back to prior menu
Please select(1 - 99)?
```

- An example of Display Status[96]

```
Display Status
  1 : prn1
  2 : system
 99 : Back to prior menu
Please select(1 - 99)?
```

- An example of executing prn1[96-1]

```
prn1:
Ready
```

- An example of executing system[96-2]

```
C-6400W  Version x.x.x
TCP/IP status
   IP address              : 0.0.0.0
   Subnet Mask             : 0.0.0.0
   Gateway addr            : 0.0.0.0
Wireless LAN status        : AP connected
   Current SSID            : GROUP
   Current BSSID            : 00:60:B3:6F:C0:FD
   Current Channel         : 11
```


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- An example of executeing Reset Settings to Defaults[97]

Reset Settings to Defaults
1 : YES
2 : NO
Please select(1 - 2)?

- An example of restarting Print Server Settings[98]

Restart Print Server
1 : YES
2 : NO
Please select(1 - 2)?

- An example of exiting [99]

Exit
1 : Save and Restart
2 : Save and Exit
3 : Exit without Saving
99 : Back to prior menu

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Check and Verification of the PRICOM C-6400W

Setting the PRICOM C-6400W parameters

This section explains the parameters in the PRICOM C-6400W.

- General parameter

Topic			Explain	Factory Default
Change root Password			Please enter the password(in ASCII TEXT). This password will be used for configuration changes via Telnet, Web page and Set up Tools	none
Local Time Zone			Local Time Zone is specified.	+9:00
Wireless LAN	Wireless Mode	AdHoc	Ad hoc is called 802.11Ad hoc. Generally, it used PC to PC communication. When they connect, they use SSID	AdHoc
		OldAdHoc	When they connect, they use SSID	
		Infra	Connection mode via access point	
	SSID		SSID is ID to connect to each device	GROUP
	Channel		Channel is band to communication each device	11
	Use WEP		Enable/Disable WEP operations. WEP is the one of encryption.	None
	WEP Key		64/128bit	00000000000000000000000000

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- TCP/IP parameter

Topic		Explain	Factory Default
DHCP/BOOTP		Enable/Disable DHCP/BOOTP protocol operations. DHCP/BOOTP is a protocol, via which IP address gets assigned by the BOOTP server or DHCP server. If you use DHCP/BOOTP server, the DHCP/BOOTP server must be in the same segment as the print server. This print server detects DHCP and BOOTP automatically. If more than 1 address get returned, the IP address which is returned first will be used.	ENABLE
RARP		Enable/Disable RARP protocol operations. RARP is a protocol, via which IP address gets assigned by the RARP server. If you use RARP server, the RARP server must be in the same segment as the print server.	ENABLE
IP Address		Setting the Print Server IP address. The IP address must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
SubnetMask		Setting the print server subnet mask. The subnet mask must be 4 numbers, each between 0-255 (eg. 255.255.255.0). However, entering 0.0.0.0 would not be valid, and the subnet mask corresponding to the IP address would be used automatically.	0.0.0.0
Default Gateway		Setting the default gateway address. The default gateway address must be 4 numbers, each between 0-255 (eg. 192.168.100.240). If you use a gateway, the gateway must be in the same segment as the print server. However, entering 0.0.0.0 would not be valid.	0.0.0.0
WINS	Primary Server	Setting the WINS server (primary) address. WINS server will resolve the IP address from the host name. Therefore you can use a hostname instead of the IP address when printing. The values must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
	Secondary Server	Setting the WINS server (secondary) address. WINS server will resolve the IP address from the host name. Therefore you can use a hostname instead of the IP address when printing. The values must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
	Scope ID	The scoop ID defines the computer group that recognized the registered host name.	none
IP Filter Config	Filter Mode	Setting of IP filter operations. Available options are "allow" and "deny". If you select "allow", only the data from the set IP address range are accepted. If you select "deny", the data from the set IP address range cannot be received.	DENY
	Filter #0 Start address	Setting IP filter range. IP addresses to be filtered can be set to maximum 4 address ranges. If address range setting is not required, please enter the address range from "0.0.0.0" to "0.0.0.0".	0.0.0.0
	Filter #0 end address		0.0.0.0
	Filter #1 Start address		0.0.0.0
	Filter #1 end address		0.0.0.0
	Filter #2 Start address		0.0.0.0
	Filter #2 end address		0.0.0.0
	Filter #3 Start address		0.0.0.0
	Filter #3 end address		0.0.0.0

NOTE

- Communication from a designated range of IP addresses can be blocked when Filter Mode is set to “DENY.” On the other hand, when Filter Mode is set to “ALLOW,” communication from only a designated range of IP addresses can be enabled.

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- NetBEUI/NetBIOS parameter

Topic	Explain	Factory Default
NetBEUI Protocol	Enable/Disable NetBEUI protocol operations	ENABLE
NetBIOS over TCP	Enable/Disable NetBIOS over TCP protocol operations	ENABLE
Computer Name	Specify a computer name. The name set here is shown as a computer in Windows Explorer. The name must be different from those of other computers.	PRxxxxxx xxxxxx is lower 6 digits of Ethernet Address
Workgroup	Specify the workgroup that this print server belongs to. Enter the default workgroup name or an existing workgroup name. A new workgroup name that does not exit in the network is not shown as Workgroup.	PRINTSERVERS
Comment	Set the description of the print server. The information set here is shown as the description of the print server in Windows Explorer.	PRICOM C-6400W
Brower Master	Enable/Disable Brower Master operations	ENABLE

- SNMP parameter

Topic	Explain	Factory Default
Authentic Community	Specify the authentication community name of SNMP. This community name is authenticated when an SNMP set request is received.	public
Trap Community	Specify the trap community of SNMP. This community name is used when the print server send a trap.	public
Trap Address(IP)	Specify the destination IP address of the SNMP trap. The value is a four-part series of numbers separated by decimal points. Such as "xxx.xxx.xxx.xxx". When the value is "0.0.0.0"(default), this item is disabled and a trap will not be generated in any case.	0.0.0.0
SysContact	Specify the SysContact of the MIB-2 object. The e-mail address of the network administrator is used.	none
SysName	Specify the SysName of the MIB-2 object. The host name or domain name of the print server is used.	none
SysLocation	Specify the SysLocation of the MIB-2 object. The location of the print server is used.	none
Enable Authen Trap	Select whether to allow or disallow the "Enable Authen Trap" of the MIB-2 object. If a violation for the community occurs "allow" is the setting, the SNMP trap is sent to the IP address specified in "TRAP Address"	2

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User Registration

For future technical support, we recommend you to register with us as a user on-line at:

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