

LD670

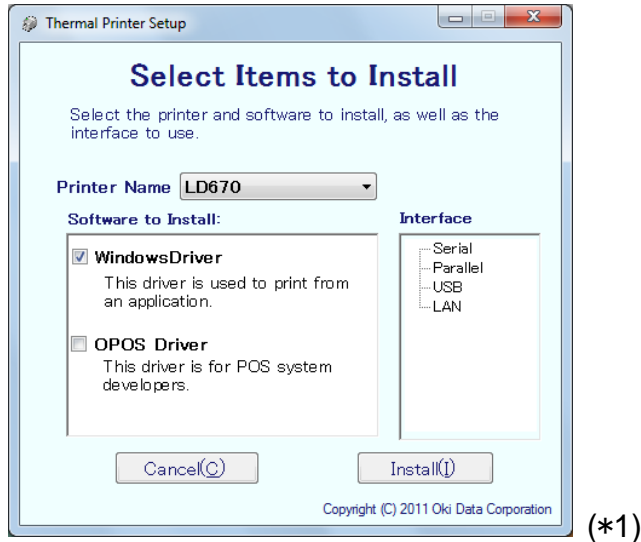
# **Printer Driver Installation Guide -1**

## Table of Contents

<b>1</b>	<b>Introduction.....</b>	<b>2</b>
<b>2</b>	<b>Installer .....</b>	<b>3</b>
2.1	Overview .....	3
2.2	Installed software .....	3
2.3	Trademarks .....	3
2.4	System requirements .....	4
<b>3</b>	<b>Installation .....</b>	<b>5</b>
3.1	How to use this manual .....	5
3.2	Before starting the installation .....	7
3.3	Installation procedures .....	8
3.3.1	<i>Driver Installation</i> .....	8
3.3.2	<i>Software Utilities</i> .....	14
3.3.3	<i>Network Software</i> .....	15
<b>4</b>	<b>How to Check the Installation .....</b>	<b>16</b>
4.1	Windows driver .....	16
4.1.1	<i>Installation confirmation</i> .....	16
4.1.2	<i>If the test page does not print</i> .....	17
4.2	OPOS driver .....	20
4.2.1	<i>Installation confirmation</i> .....	20
4.2.2	<i>Check serial number</i> .....	22
4.3	Utility .....	23
4.4	Status Monitor .....	24
4.5	PR-Port Manager .....	25
4.6	Admin Manager .....	26
<b>5</b>	<b>Uninstallation .....</b>	<b>27</b>
5.1	Windows driver .....	27
5.1.1	<i>For Windows 7/Server 2008 R2</i> .....	27
5.1.2	<i>For Windows Vista/Server 2008</i> .....	30
5.1.3	<i>Other OS</i> .....	30
5.2	OPOS driver and other software .....	31
<b>6</b>	<b>Revision History .....</b>	<b>33</b>

# 1 Introduction

This document describes how to install the printer drivers and associated software for the case when running the installer displays the following screen (\*1).



If the following installer screen (\*2) appears instead, please refer to "LD670\_InstallGuide2\_en.pdf" located in the "Manual" folder.



Screen (\*1) appears when you start the installer if .NET Framework 2.0 is already installed on your computer. Otherwise screen (\*2) is displayed.

Installation of the printer drivers and associated software is easier using the (\*1) installer. (recommended)

If ".NET Framework 2.0" is not already installed on your computer, please download it from the Microsoft web site and install.

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## 2 Installer

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### 2.1 Overview

This installer program is used to install the Windows driver, OPOS driver, and other software. You can also use it to view the manual.

### 2.2 Installed software

This installer is used to install the following drivers and software.

Software	Description
Windows driver	Printer driver for printing from Windows applications (Word, Excel, etc.)
OPOS driver	Printer driver for developing POS systems that comply with the OPOS (OLE POS Technology Council) specification.
Utility	Utility software to remotely configure printer settings from PC.
Status Monitor	Software to display the status of the printer. * Windows driver installation is required.
Quick Setup	Used to set the printer IP address for the LAN interface.
PR-Port Manager	Software used to create ports for printing from the Windows driver via the LAN interface.
Admin Manager	Software for managing the LAN interface and specifying detailed settings.

### 2.3 Trademarks

All company names and product names contained in this manual are registered trademarks or trademarks of their respective owners.

## 2.4 System requirements

This installer runs on the following operating systems.

Product name	Edition	Language	Abbreviations
Microsoft® Windows® 2000	Professional	English	Windows 2000 *1
	Server		
Microsoft® Windows® XP	Professional		Windows XP *1
	Home Edition		
Microsoft® Windows Vista®	Enterprise		Windows Vista
	Business		
	Ultimate		
	Home Premium		
	Home Basic		
Microsoft® Windows® 7	Ultimate		Windows 7
	Enterprise		
	Professional		
	Home Premium		
	Starter		
Microsoft® Windows Server® 2003	Enterprise		Server 2003
	Standard		
Microsoft® Windows Server® 2008	Enterprise	Server 2008	
	Standard		
Microsoft® Windows Server® 2008 R2	Enterprise	Server 2008 R2	
	Standard		
Microsoft® Windows® Embedded for Point of Service	—	WEPOS	
Microsoft® Windows® Embedded POSReady 2009	—	WEPOS 2009 *2	

**\*1) Windows 2000/Windows XP (SP1, SP2)**

The installer requires ".NET Framework 2.0" or later.

If not already installed, please download ".NET Framework 2.0" from the Microsoft web site and install.

**\*2) WEPOS 2009**



Quick Setup, PR-Port Manager and Admin Manager are not supported.

## 3 Installation

### 3.1 How to use this manual

The procedures for performing the operations listed below are different depending on your OS. Please refer to the instructions for the OS you are using.


#### Printer folder

OS	Procedure
Windows 7	(1) Click the  Windows logo button in the lower-left corner of the desktop screen. (2) Click [Devices and Printers].
Server 2008 R2	Click [Start] → [Devices and Printers].
Windows Vista	(1) Click the  Windows logo button in the lower-left corner of the desktop screen. (2) Click [Control Panel] → [Hardware and Sound] → [Printers].
Server 2008	Click [Start] → [Control Panel] → [Hardware and Sound] → [Printers].
Windows XP / Server 2003 / WEPOS / WEPOS 2009	Click [Start] → [Printers and Faxes]. * For Windows XP Home Edition Click [Start] → [Control Panel] → [Printers and Other Hardware].
Windows 2000	Click [Start] → [Settings] → [Printers].


#### Printer properties

OS	Procedure
Windows 7 / Server 2008 R2	Right-click the "LD670 Raster" printer and then click [Printer Properties].
Windows Vista / Server 2008	Right-click the "LD670 Raster" printer and then click [Run as administrator] → [Properties]. * If you logged on to Server 2008 using the built-in administrator account, right-click the "LD670 Raster" printer and then click [Properties].
Windows XP / Server 2003 / WEPOS / WEPOS 2009 / Windows 2000	Right-click the "LD670 Raster" printer and then click [Properties].

**All programs**

OS	Procedure
Windows 7 / Vista	Click the  Windows logo button in the lower-left corner of the desktop screen and then click [All Programs].
Server 2008 R2 / Server 2008 / Windows XP / Server 2003 / WEPOS / WEPOS 2009	Select [Start] → [All Programs].
Windows 2000	Select [Start] → [Programs].

**Uninstall a program**

OS	Procedure
Windows 7 / Vista	(1) Click the  Windows logo button in the lower-left corner of the desktop screen. (2) Click [Control Panel] → [Uninstall a program].
Server 2008 R2 / Server 2008	Click [Start] → [Control Panel] → [Uninstall a program].
Windows XP / Server 2003 / WEPOS / WEPOS 2009	Click [Start] → [Control Panel] → [Add or Remove Programs].
Windows 2000	Click [Start] → [Settings] → [Control Panel] → [Add/Remove Programs].

## 3.2 Before starting the installation

- **When you install a driver, you must log on using an account with Administrative privileges.**
  
- **If the printer drivers or associated software are already installed:**

If the drivers and software for the LD670 printer are already installed on your computer, uninstall them before proceeding.

For more information about how to uninstall, see "5. Uninstallation."
  
- **Please turn off the printer before you install the driver.**

The "Found New Hardware Wizard" screen might appear even if the printer turned on power.

In that case, click "Cancel" and close the screen.
  
- **When you use the Windows driver on a LAN**
  - To use the Windows driver on a LAN, the "PR-PortManager" print client software must be installed.

Refer to "3.3 Installation procedures" and install "PR-PortManager" after installing the Windows driver, and then allocate a port to the printer driver.

    - \* For more information about how to install "PR-PortManager", see "CHAPTER 3 USING THE LAN CARD IN A WINDOWS 2000/XP/VISTA/7/WINDOWS SERVER 2003/2008/2008 R2/WEPOS ENVIRONMENT" in the LAN Card Online Manual.
  
  - Setup may fail if you are using anti-virus security software because the printer cannot be found. In this case, exit setup and add "Quick Setup", "AdminManager", and "PR-PortManager" to the list of exception programs in the anti-virus security software's firewall configuration. Alternatively, temporarily disable the firewall feature and then restart setup.
  
  - If using the Windows driver on a LAN, clear the [Enable bidirectional support] checkbox on the [Ports] tab in the printer properties.



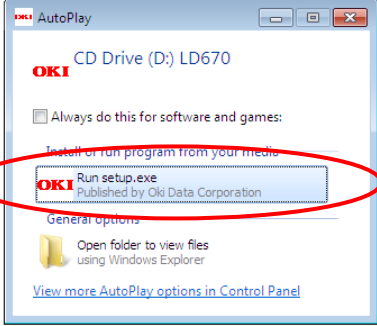
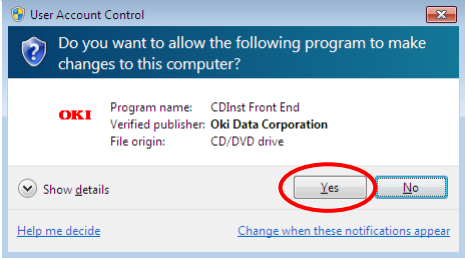
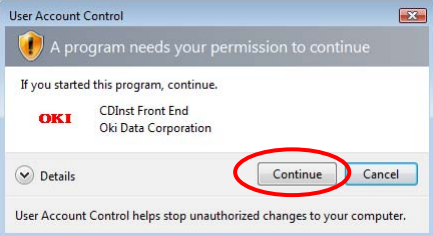
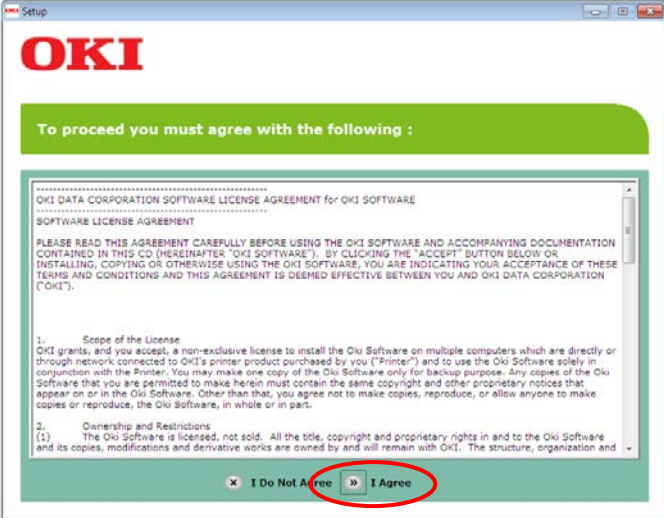
## 3.3 Installation procedures

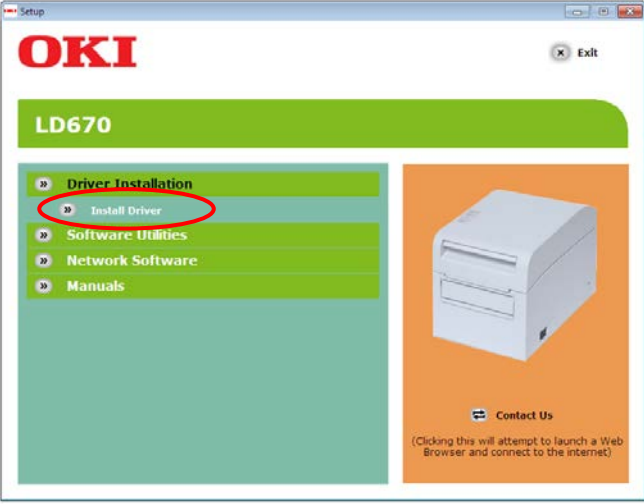
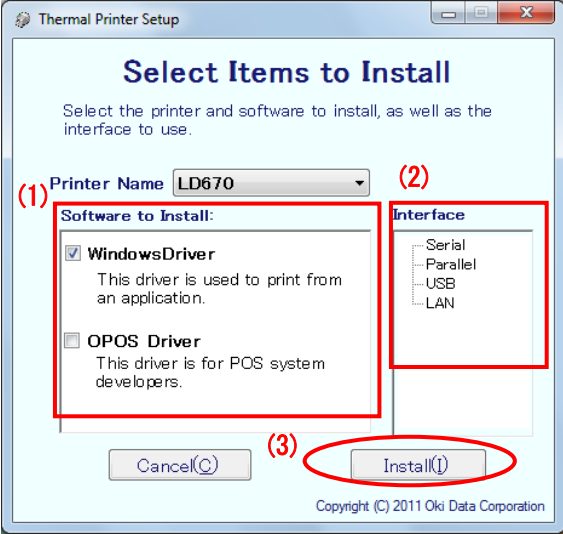

### 3.3.1 Driver Installation

Use the following procedure to install the software.

\* If the [User Account Control] dialog box is displayed, click [Yes] or [Continue].

\* Parallel interface is not supported.

<p style="font-size: 48pt; text-align: center;">1</p>	<p>For Windows 7/Windows Vista/Server 2008 R2/Server 2008</p> 	<p>Insert the "LD670" into your PC's CD-ROM drive. Click [Run setup.exe] when the "Auto Play" screen is displayed.</p> <p>* If the menu screen does not appear, run "setup.exe" on this CD.</p>
<p style="font-size: 48pt; text-align: center;">2</p>	<p>For Windows 7/Server 2008 R2</p>  <p>For Windows Vista/Server 2008</p> 	<p>If the [User Account Control] dialog box is displayed, click [Yes] or [Continue].</p>
<p style="font-size: 48pt; text-align: center;">3</p>		<p>After reading the license agreement, click [I Agree].</p>

<p>4</p>		<p>Click "Install Driver".</p>
<p>5</p>		<p>(1) Select the software you want to install.</p> <p>(2) If you want to install the Windows driver, click the interface being used.</p> <p>(3) Click [Install].</p> <p><b>* For install the OPOS Driver or Windows driver on a Serial or LAN</b> Connect the PC and printer, then turn the printer's power on. (*1)</p>
<p>6</p>		<p>A screen appears indicating that the installation is in progress. Please wait for the installation to complete.</p> <p>Go to step "7" if you install the Windows driver on a USB or Parallel.</p> <p>Go to step "12" if you install the OPOS Driver or Windows driver on a Serial or LAN.</p>

**\*1) When using the OPOS driver with a USB or Parallel interface**

The new hardware is detected automatically when you turn on the printer.  
Please follow the instructions below.

**For Windows 7 / Server 2008 R2**

- (1)The message "Installing device driver software" is displayed in a balloon (lower right corner of the screen).
- (2)After a while, the message "Device driver software was not successfully installed" is displayed.  
This is not a problem.

**For Windows Vista / Server 2008**

- (1)The "Found New Hardware" screen is displayed, select [Don't show this message again for this device].  
\* When "User Account Control" screen is displayed, select [Continue].

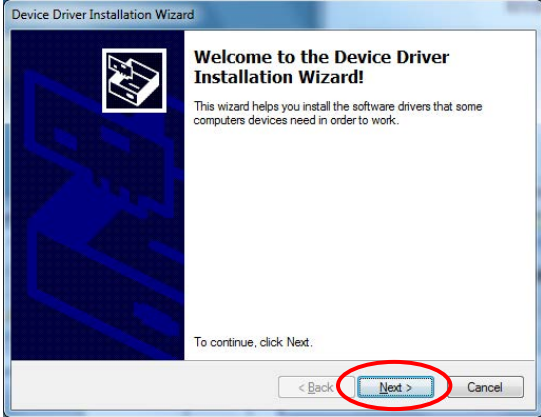
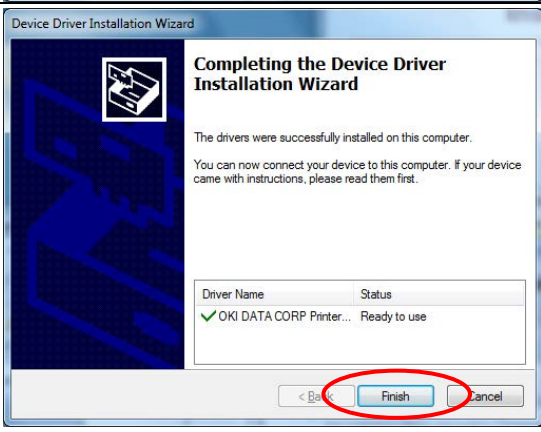
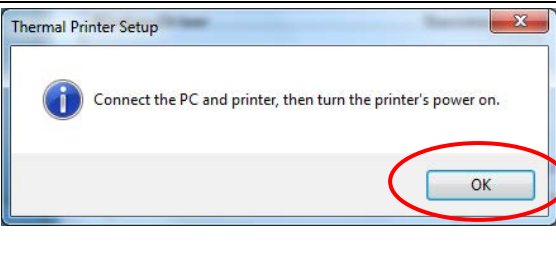
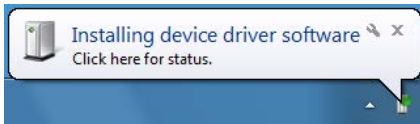
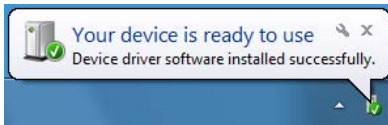
**For Windows XP / Server 2003 / WEPOS / WEPOS2009**

- (1)The "Found New Hardware Wizard" screen is displayed. Select [No, not this time] and then click [Next].
- (2)When "What do you want the wizard to do?" is displayed, select [Install from a list or specific location] and then click [Next].
- (3)Select [Search for the best driver in these locations], clear the all checkbox and then click [Next].
- (4)When "Cannot Install this Hardware" is displayed, click [Don't prompt me again to install this software] and then click [Finish].

**For Windows 2000**

- (1)The "Found New Hardware Wizard" screen is displayed, click [Next].
- (2)When "What do you want the wizard to do?" is displayed, select [Search for a suitable driver for my device] and then click [Next].
- (3)When [Locate Driver Files] is displayed, clear all checkboxes and then click [Next].
- (4)When "Driver Files Search Results" is displayed, select [Disable the device] and then click [Finish].

For you install the Windows driver on a USB or Parallel

<p>7</p>		<p>Click "Next".</p>
<p>8</p>		<p>Click "Finish".</p>
<p>9</p>		<p>Connect the PC and printer, then turn the printer's power on.</p>
<p>10</p>	<p>For Windows 7/Windows Vista/Server 2008 R2/Server 2008</p> 	<p>The message "Installing device driver software" is displayed in a balloon (lower right corner of the screen). No operation is required.</p> <p>For other OS : (*2)</p>
<p>11</p>		<p>When the installation is complete, "Your device is ready to use" is displayed and the procedure ends automatically.</p>

**\*2) When the "Found New Hardware Wizard" is displayed:****For Windows XP/Windows 2003/WEPOS/WEPOS 2009**

- (1) The "Found New Hardware Wizard" screen is displayed. Select [No, not this time] and then click [Next].
- (2) When "What do you want the wizard to do?" is displayed, select [Install the software automatically] and then click [Next].
- (3) When "Hardware Installation" is displayed, click [Continue Anyway].
  - \* When the "Files Needed" is displayed, click the [Browse] button to select folder "\Drivers\Windows\x32\LD670.XPB" of drive D: and click the [OK]. (When the CD-drive is D.)
  - (For 64-bit Windows, the path is "\Drivers\Windows\x64\LD670.XPB ")
- (4) When "Completing the Found New Hardware Wizard" is displayed, click [Finish].

**For Windows 2000****When using a USB interface.**

- (1) The "Found New Hardware Wizard" screen is displayed. Select [No, not this time] and then click [Next].
- (2) When "What do you want the wizard to do?" is displayed, select [Search for a suitable driver for my device] and then click [Next].
- (3) When "Locate Driver Files" is displayed, clear the all checkbox and then click [Next].
- (4) When "Driver Files Search Results" is displayed, click [Next].
- (5) When "Digital Signature Not Found" is displayed, click [Yes].
- (6) When "Completing the Found New Hardware Wizard" is displayed, click [Finish].

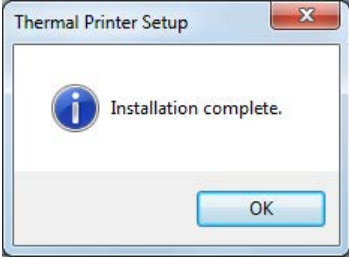
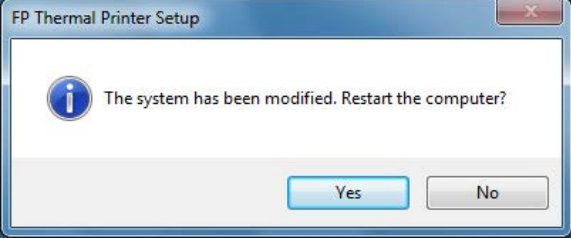
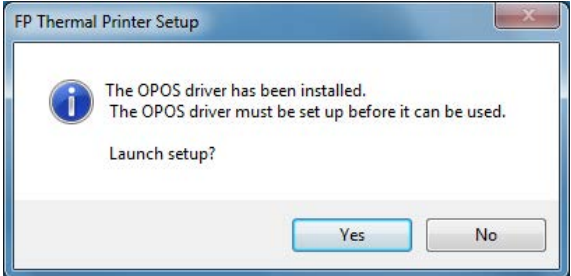
**When using a Parallel interface.**

- (1) When "Digital Signature Not Found" is displayed, click [Yes].

**\*3) When using a Parallel interface**

The "Found New Hardware Wizard" screen might not appear even if the printer turned on power. In that case, keep the power on the printer, then restart the PC's.

## For you install the OPOS driver or Windows driver on a Serial or LAN

12		Installation Complete.
13	<p>(1) Windows driver installation</p>  <p>(2) OPOS driver installation</p> 	<p>This message is displayed after the Windows driver or OPOS driver installation completes. Follow the on-screen instructions and click [Yes].</p> <p><b>Note:</b> If you have any unsaved work on the computer, please save it before restarting.</p>

Follow the instructions in "4. How to Check the Installation" to confirm that the driver was installed successfully.

**\*4) When using the Windows driver on a LAN**

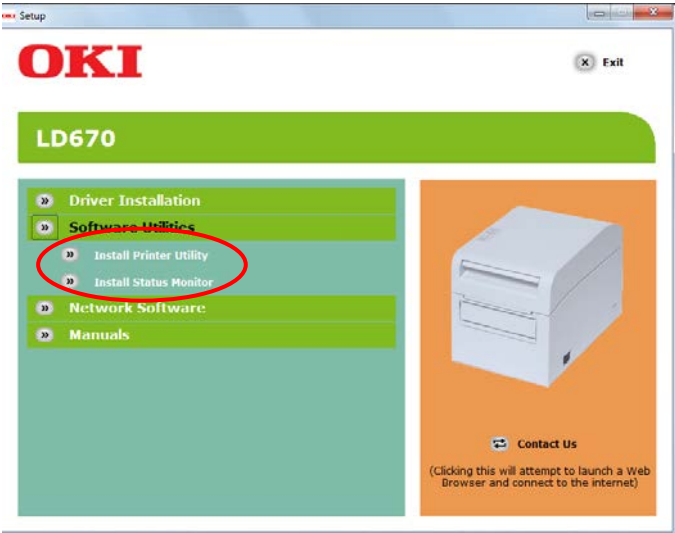
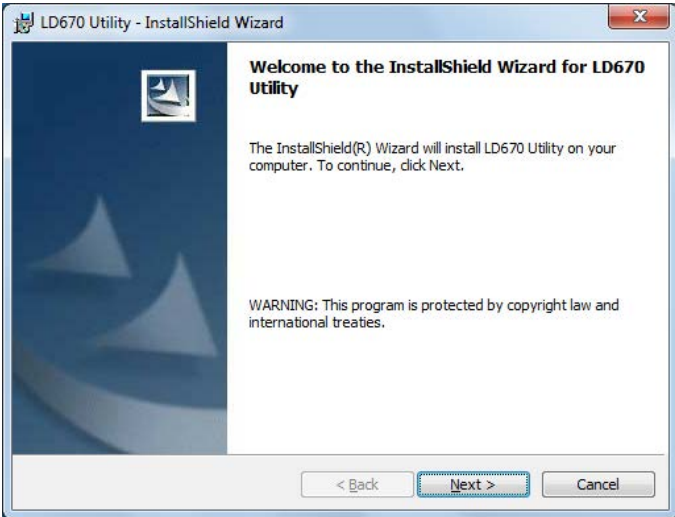
The Windows driver installation sets the [Ports] setting to [LPT1] by default. To use the driver on a LAN, use "PR-PortManager" to allocate a port to the printer driver.

\* For more information about how to use "PR-PortManager", see "CHAPTER 3 USING THE LAN CARD IN A WINDOWS 2000/XP/VISTA/7/WINDOWS SERVER 2003/2008/2008 R2/WEPOS ENVIRONMENT" in the LAN Card Online Manual.

Also, clear the [Enable bidirectional support] checkbox on the [Ports] tab in the printer properties before using it.

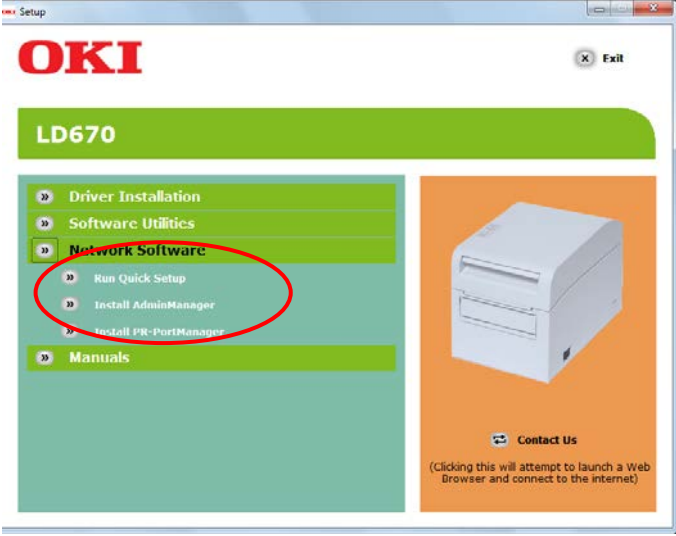

### 3.3.2 Software Utilities

Use the following procedure to install the software utilities.

1	 <p>The screenshot shows the 'Setup' window for the OKI LD670 printer. The 'Software Utilities' section is expanded, and the options 'Install Printer Utility' and 'Install Status Monitor' are circled in red. Other options include 'Driver Installation', 'Network Software', and 'Manuals'. A printer image is shown on the right side of the window.</p>	<p>Click "Install Printer Utility" or "Install Status Monitor".</p>
2	 <p>The screenshot shows the 'LD670 Utility - InstallShield Wizard' window. The wizard is displaying the 'Welcome to the InstallShield Wizard for LD670 Utility' screen. The text reads: 'The InstallShield(R) Wizard will install LD670 Utility on your computer. To continue, click Next.' There is also a warning message: 'WARNING: This program is protected by copyright law and international treaties.' The 'Next &gt;' button is highlighted.</p>	<p>If the screen on the left appears during the installation, follow the instructions in the wizard to install Printer Utility or Status Monitor.</p>

### 3.3.3 Network Software

Use the following procedure to install or run the network software.

<p style="font-size: 48pt; text-align: center;">1</p>		<p>Click “Run Quick Setup”, “Install Admin Manager” or “Install PR-Port Manager”.</p>
<p style="font-size: 48pt; text-align: center;">2</p>		<p>If the screen on the left appears during the installation, follow the instructions in the wizard to install Printer Utility or Status Monitor.</p> <p>* For more information about how to install and use “Network Software” see the LAN Card Online Manual.</p>

\* When using port made by “PR-PortManager”, please clear the “Enable bidirectional support” check box in the printer properties for the Windows driver.

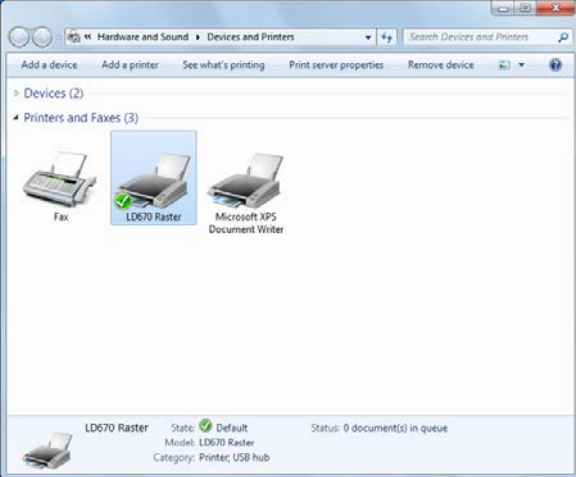
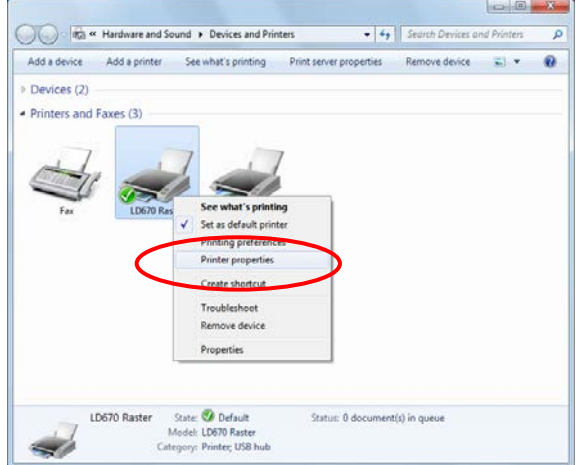
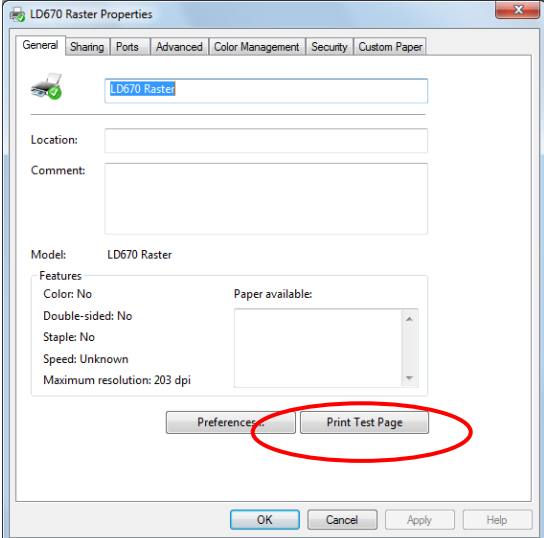


## 4 How to Check the Installation

### 4.1 Windows driver

#### 4.1.1 Installation confirmation

Use the following procedure to confirm that the Windows driver installed successfully.

1		<p>Open the [Printer Folder] (*) screen.</p> <p>* See the [Printer folder] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.</p>
2		<p>Open the [Printer Properties] (*) for the "LD670 Raster."</p> <p>* See the [Printer property] procedure in "3.1 How to use this manual" for instructions on how to open the printer properties in each OS.</p>
3		<p>On the "LD670 Raster" property screen, click [Print Test Page].</p> <p>This prints the test page.</p> <p>* If the test page does not print correctly, refer to "4.1.2 If the test page does not print."</p>

**\*1) For Server 2003**

When you install the printer may have been set to a shared printer.

If you do not set the shared printer, follow the instructions below.

- (1) Open the [Printer Folder]
- (2) Open the "LD670 Raster" properties, and then click the [Sharing] tab.
- (3) Select [Do not shre this printer], and then click [OK].

## 4.1.2 If the test page does not print

### ■ When using a Serial, Parallel, USB, or LAN interface connection

Check the following.

- **Confirm that the paper has been correctly inserted in the printer.**
- **Confirm that the top cover is closed.**
- **Confirm that the interface cable is connected.**
- **Confirm that the printer power is turned on.**  
(If it is already turned on, turn it off and on again.)
- **If the printer status is offline, use the follow procedures to bring the printer online.**

How to check and set the printer online/offline status:

(1) Open the [Printer Folder].

- \* See the [Printer folder] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.

(2) Perform the following steps for the OS you are using.

#### **For Windows 7/Server 2008 R2**

- Right-click the "LD670 Raster" printer in the printers and faxes section and then click [See what's printing]. If the [Use Printer Offline] checkbox in [Printer] is selected, clear it.

#### **For Windows Vista/Server 2008**

- Right-click the "LD670 Raster" printer and then click [Run as administrator]. Click [Use Printer Online] if it is displayed.
- \* Log on using an Administrator account, right-click the "LD670 Raster" printer, and then click [Use Printer Online] if it is displayed.

#### **For Windows XP/Server 2003/WEPOS/WEPOS 2009**

- Right-click the "LD670 Raster" printer and then click [Use Printer Online] if it is displayed.

#### **For Windows 2000**

- Right-click the "LD670 Raster" printer and then clear the [Use Printer Offline] checkbox if it is selected.

## ■ When using a USB interface connection

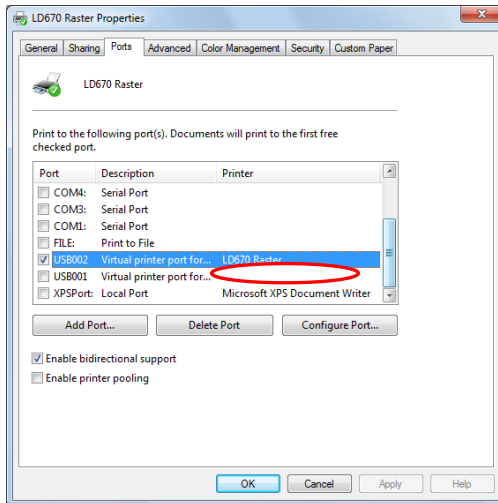
The USB port may vary depending on your system configuration.

Use the following procedure to change the printer driver setting and confirm it by printing a test page.

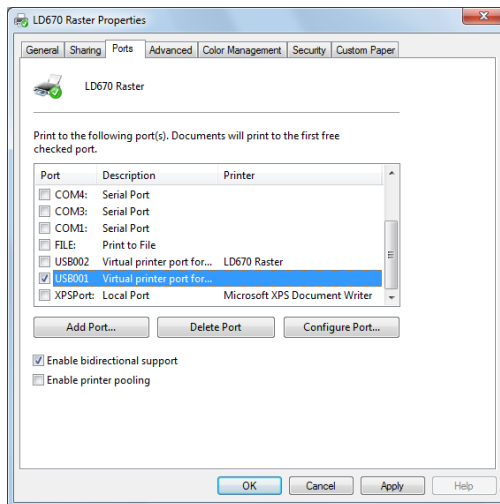
\* See "3.1 How to use this manual" for instructions.

- (1) Open the [Printer Folder].
- (2) Open the "LD670 Raster" properties.
- (3) Click the [Ports] tab.
- (4) The following property screen is displayed.

Example: Change the port from "USB002" to "USB001"



←The [Printer] column is blank for unused ports.  
Select the USB port you want to use.



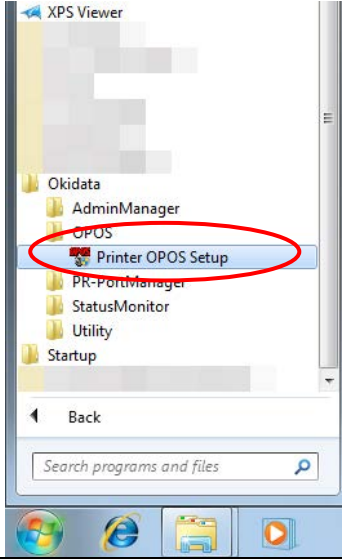
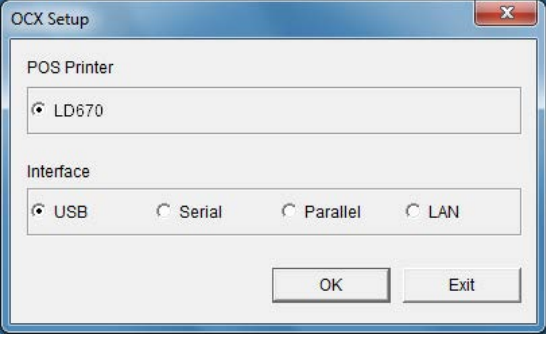
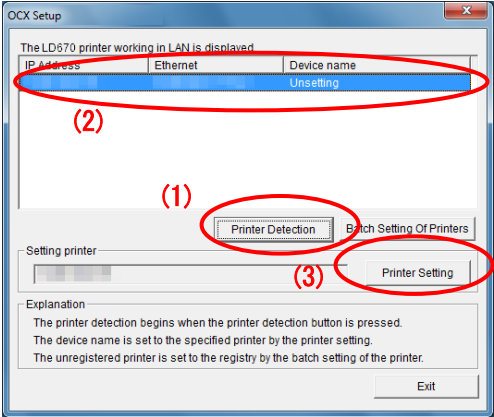
- (5) Click [Apply].
- (6) Turn the printer power off.
- (7) Turn the printer power on.
- (8) Click the [General] tab and then click [Print Test Page].
- (9) The test page will be printed.

## 4.2 OPOS driver

### 4.2.1 Installation confirmation

Use the following procedure to confirm that the OPOS driver installed successfully.

\* If the [User Account Control] dialog box is displayed, click [Yes] or [Continue].

1		<p>From All Programs (*), click [Okidata] → [OPOS] → [Printer OPOS Setup].</p> <p>* See the [All programs] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.</p>
2		<p>The [OCX Setup] screen is displayed.</p> <p>Select the interface you are using and then click [OK].</p>
3		<p>Configure LAN port settings.</p> <p>(1) Click [Printer Detection].</p> <p>(2) Select the printer that appears.</p> <p>(3) Click [Printer Setting] button.</p>

<p style="font-size: 48pt; text-align: center;">4</p>		<p>The screen on the left appears. Select the port (*), make any other necessary changes, and then click [OK]. This updates the printer settings and completes the setup. (For more information about the printer setup, refer to the "Application Programmer's Guide".)</p> <p><b>* See "How to specify the printer port" below for instructions. For LAN, change only the items because the ports have already been configured.</b></p>
<p style="font-size: 48pt; text-align: center;">5</p>		<p>Launch OP OPOS Tester by running the following program.</p> <p>"\Drivers\OPOS\Sample\OP_OPOS_Tester.exe"</p>
<p style="font-size: 48pt; text-align: center;">6</p>		<p>Select an interface.</p> <p>* For LAN After selecting [LD670LAN] in the interface selection, enter IP address of the interface connected to the printer in [IP Address].</p>
<p style="font-size: 48pt; text-align: center;">7</p>		<p>Clicking [Print Test] prints a sample and displays "Test: Success."</p> <p>If "Test: Fail" is displayed, check the printer power and interface.</p>

◆ **How to specify the printer port**

• **For a serial port connection**

Select "LD670SERPRT" or "LD670SER2PRT" in [Device Name].

Select the connected port name (e.g. COM1) in [Port Name].

• **For a parallel port connection**

Select "LD670PARPRT" or "LD670PAR2PRT" in [Device Name].

Select the connected port name (e.g. LPT1) in [Port Name].

• **For a USB port connection**

Select "LD670USBPRT" or "LD670USB2PRT" in [Device Name].

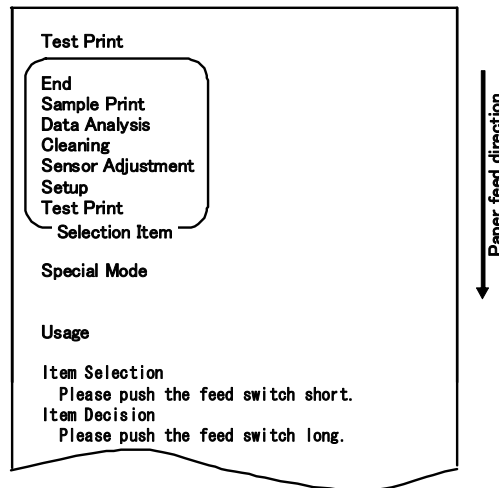
Select the printer's serial number in [Serial Number].

To obtain the serial number, follow the instructions in "4.2.2 Check serial number."

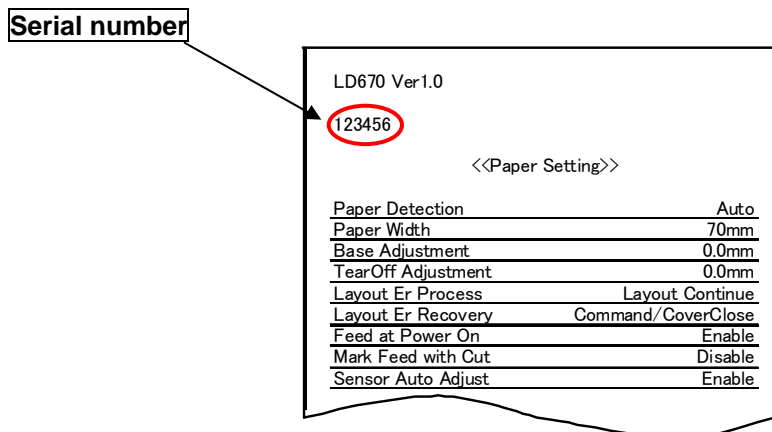
## 4.2.2 Check serial number

Use the following procedure to check the serial number.

- (1) Load paper in the printer and then close the cover.
- (2) Turn the power on while holding down FEED button, and then keep holding it down until printing is started.
- (3) After the following is printed, release the FEED button.



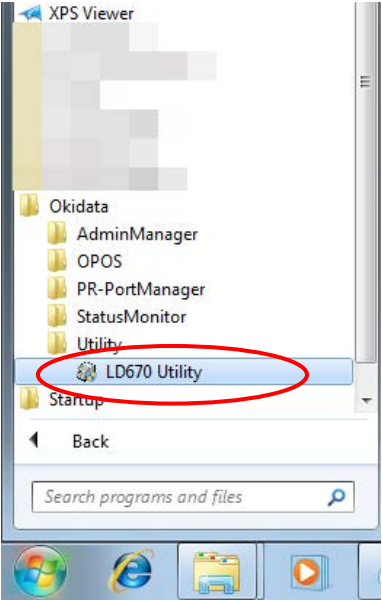
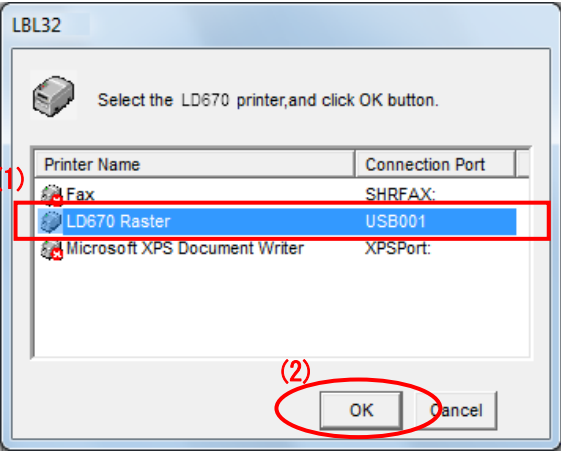
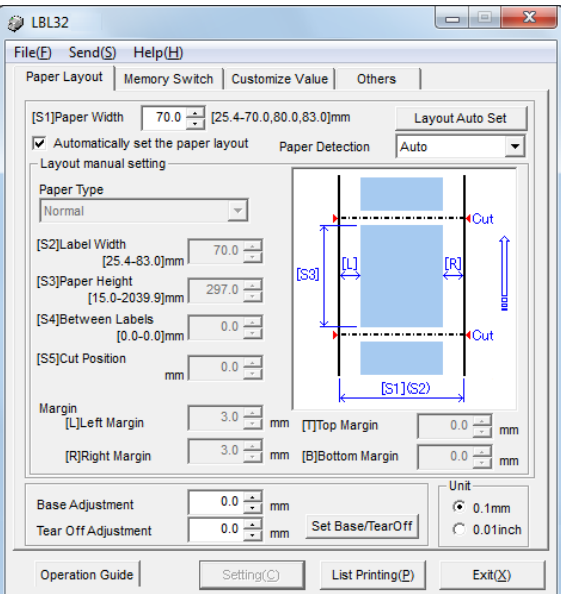
- (4) Then, hold the FEED button down more than one second, and then release it after printing is started.
- (5) When printing finishes, turn the power off.



## 4.3 Utility

Use the following procedure to launch the Utility.

\* If the [User Account Control] dialog box is displayed, click [Yes] or [Continue].


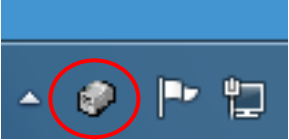
<p style="font-size: 48pt; text-align: center;">1</p>	 <p>The screenshot shows the Windows Start menu search interface. The search bar contains 'LD670 Utility'. The results list several folders: Okidata, AdminManager, OPOS, PR-PortManager, StatusMonitor, Utility, and Startup. The 'LD670 Utility' folder is highlighted with a red oval.</p>	<p>Click All Programs (*) → [Okidata] → [Utility] → [LD670 Utility].</p> <p>* See the [All programs] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.</p>								
<p style="font-size: 48pt; text-align: center;">2</p>	 <p>The screenshot shows the LBL32 printer selection dialog box. It contains a table with the following data:</p> <table border="1" data-bbox="384 1115 895 1328"> <thead> <tr> <th>Printer Name</th> <th>Connection Port</th> </tr> </thead> <tbody> <tr> <td>Fax</td> <td>SHRFAX:</td> </tr> <tr> <td>LD670 Raster</td> <td>USB001</td> </tr> <tr> <td>Microsoft XPS Document Writer</td> <td>XPSPort:</td> </tr> </tbody> </table> <p>The 'LD670 Raster' row is highlighted with a red box. A red circle labeled '(2)' is around the 'OK' button at the bottom of the dialog.</p>	Printer Name	Connection Port	Fax	SHRFAX:	LD670 Raster	USB001	Microsoft XPS Document Writer	XPSPort:	<p>Select the printer name and then click [OK].</p>
Printer Name	Connection Port									
Fax	SHRFAX:									
LD670 Raster	USB001									
Microsoft XPS Document Writer	XPSPort:									
<p style="font-size: 48pt; text-align: center;">3</p>	 <p>The screenshot shows the LBL32 Paper Layout configuration screen. It includes various settings for paper dimensions and margins. A diagram on the right shows a paper layout with dimensions [S1], [S2], [L], [R], [S3], and [S4] marked. The 'OK' button is highlighted with a red circle.</p>	<p>The [Paper Layout] screen is displayed.</p> <p>* For information on how to use the utility, click [Help].</p>								



## 4.4 Status Monitor

Use the following procedure to launch the Status Monitor.

\* If the [User Account Control] dialog box is displayed, click [Yes] or [Continue].

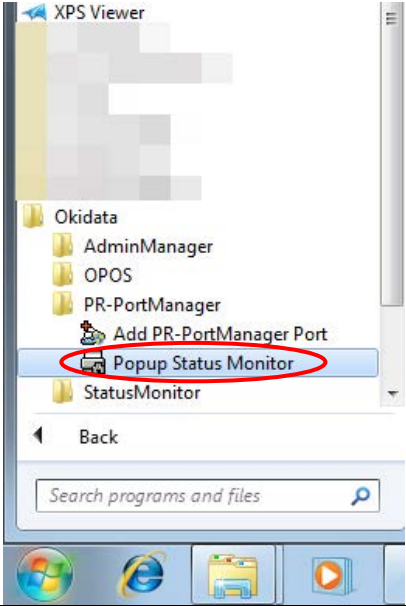
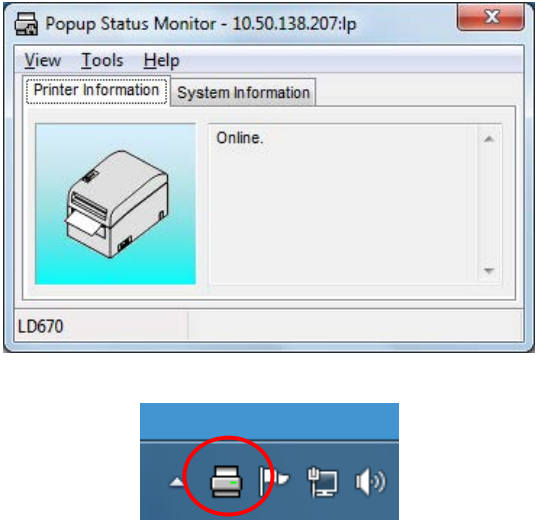
<p style="font-size: 48pt; text-align: center;">1</p>		<p>Click All Programs (*) → [Okidata] → [Status Monitor] → [LD670 Status Monitor].</p> <p>* See the [All programs] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.</p>
<p style="font-size: 48pt; text-align: center;">2</p>		<p>A printer icon appears in the task tray if Status Monitor is running.</p>

\* The installation adds a Status Monitor shortcut to the "Startup" folder. This causes Status Monitor to start automatically when you log on to the computer.

## 4.5 PR-Port Manager

Use the following procedure to start PR-Port Manager (Popup Status Monitor).

\* If the [User Account Control] dialog box is displayed, click [Yes] or [Continue].

<p style="font-size: 48pt; text-align: center;">1</p>		<p>Click All Programs (*) → [Okidata] → [PR-PortManager] → [Popup Status Monitor].</p> <p>* See the [All programs] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.</p>
<p style="font-size: 48pt; text-align: center;">2</p>		<p>The Popup Status Monitor window opens.</p> <p>When Popup Status starts, a printer icon appears in the task tray.</p>

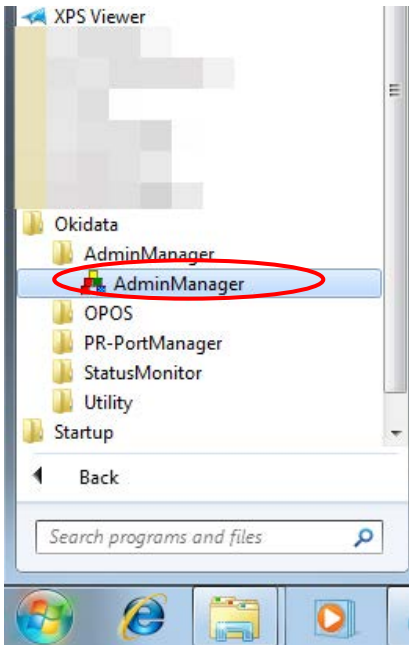
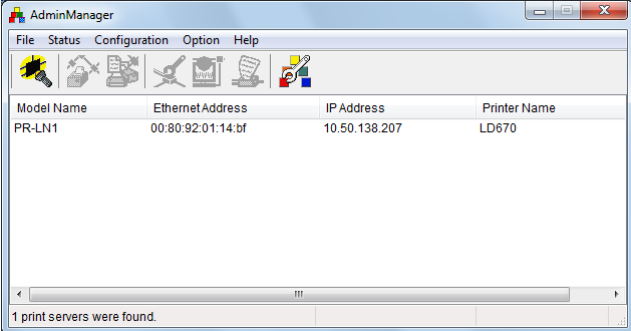
\* To create a new port for the LAN interface, use the procedure described below to open the [Add PR-PortManager Port Wizard] window and add a port.

All Programs → [Okidata] → [PR-PortManager] → [Add PR-PortManager Port]

## 4.6 Admin Manager

Use the following procedure to start AdminManager.

\* If the [User Account Control] dialog box is displayed, click [Yes] or [Continue].

<b>1</b>		<p>Click All Programs (*) → [Okidata] → [AdminManager] → [AdminManager].</p> <p>* See the [All programs] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.</p>								
<b>2</b>	 <table border="1" data-bbox="320 1099 954 1144"> <thead> <tr> <th>Model Name</th> <th>EthernetAddress</th> <th>IP Address</th> <th>Printer Name</th> </tr> </thead> <tbody> <tr> <td>PR-LN1</td> <td>00:80:92:01:14:bf</td> <td>10.50.138.207</td> <td>LD670</td> </tr> </tbody> </table> <p>1 print servers were found.</p>	Model Name	EthernetAddress	IP Address	Printer Name	PR-LN1	00:80:92:01:14:bf	10.50.138.207	LD670	<p>The AdminManager window opens.</p>
Model Name	EthernetAddress	IP Address	Printer Name							
PR-LN1	00:80:92:01:14:bf	10.50.138.207	LD670							

\* Refer to "Chapter 4 CONFIGURATION-RELATED FUNCTIONS" in the LAN Card Online Manual for details on how to use the program.

## 5 Uninstallation

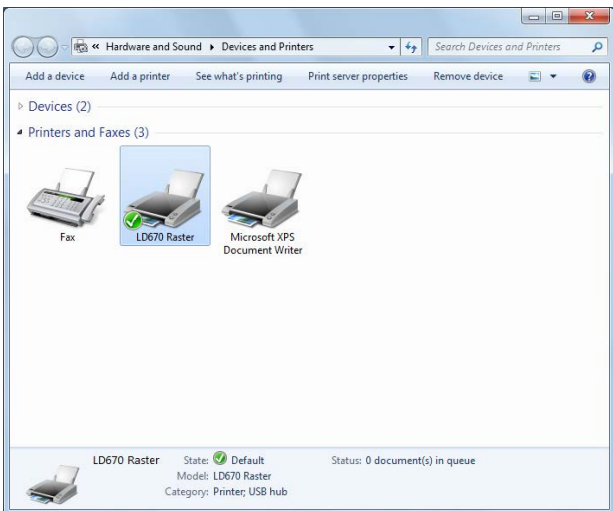
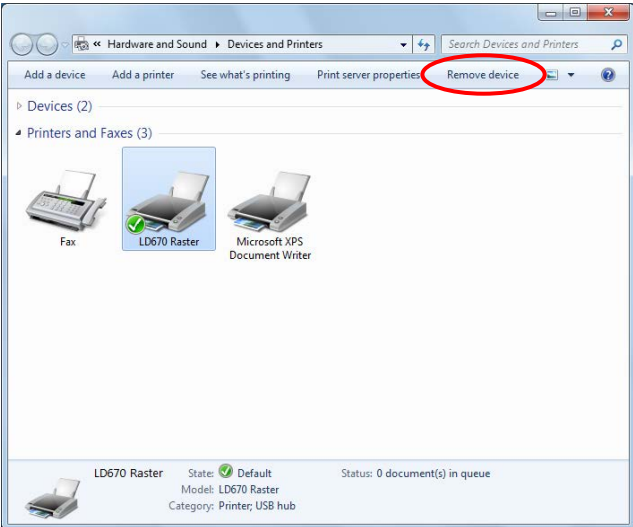
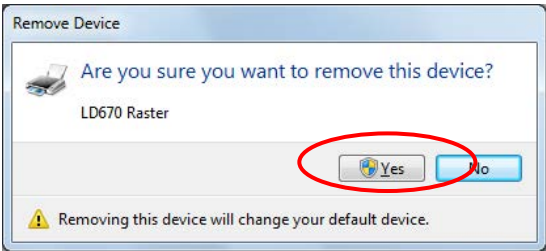
### 5.1 Windows driver

Use the following procedure to remove the Windows driver.

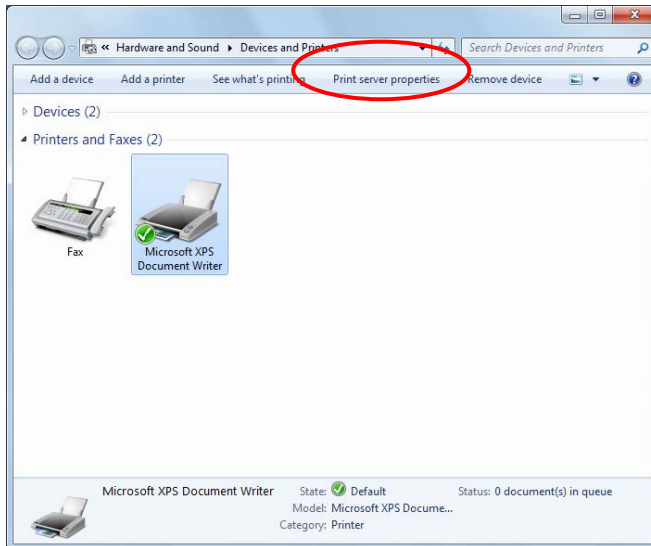
#### 5.1.1 For Windows 7/Server 2008 R2

- If the [User Account Control] dialog box is displayed, click [Yes].

Uninstall procedure:

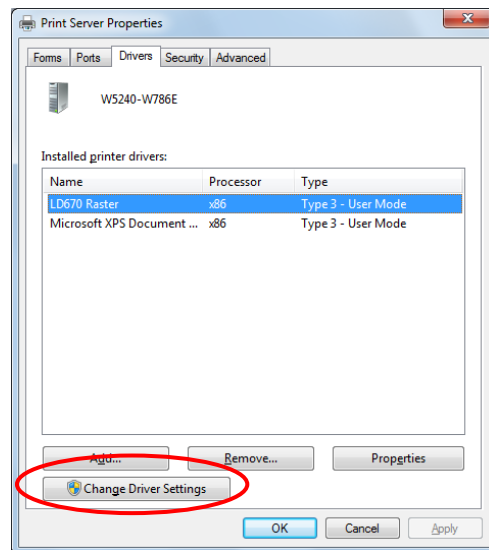
1		<p>Open the [Printer Folder] (*).      * See the [Printer folder] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.</p>
2		<p>Select "LD670 Raster" in the [Printers and Faxes] section, and then click [Remove device].</p>
3		<p>Click [Yes].</p>

4



Select an installed printer (such as "Fax" or "Microsoft XPS Document Writer") in the [Printers and Faxes] section and then click [Print server properties].

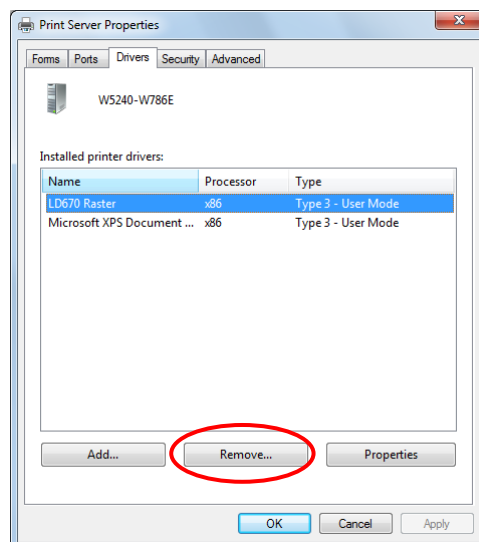
5



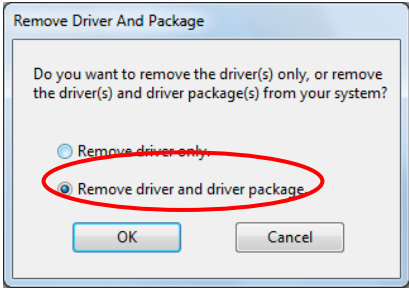
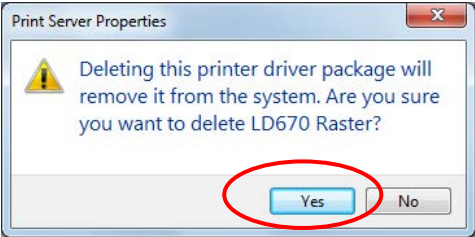
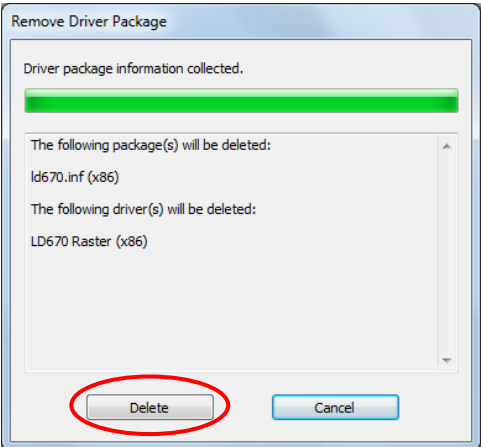
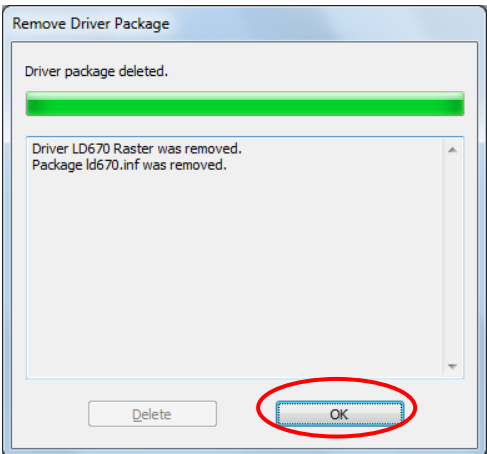
For Windows 7  
Click the [Drivers] tab and then click [Change Driver Settings].

For Server 2008 R2  
Click [Drivers].

6



Select "LD670 Raster" from the "Installed printer drivers" list and then click [Remove].

<p>7</p>		<p>Select [Remove driver and driver package.] and then click [OK].</p>
<p>8</p>		<p>Click [Yes].</p>
<p>9</p>		<p>Click [Delete].</p>
<p>10</p>		<p>Click [OK] after driver removal completes and then click [Close] to exit the [Print Server Properties] dialog box.</p> <p>Then, turn off the printer and restart your computer.</p>

## 5.1.2 For Windows Vista/Server 2008

- If the [User Account Control] dialog box is displayed, click [Continue].

Uninstall procedure:

- (1) Open the [Printer Folder].
  - \* See the [Printer folder] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.
- (2) Select "LD670 Raster" from the "printers folder" and then select [Organize] → [Delete].
- (3) When "Are you sure you want to delete LD670 Raster?" appears, click [Yes].
- (4) Select [Organize] → [Layout] → [Menu Bar].
- (5) Select [File] → [Run as administrator] → [Server Properties].
  - \* If you logged on to Server 2008 using the built-in administrator account, select [Files] → [Server Properties].
- (6) Click the [Drivers] tab, select "LD670 Raster" from the "Installed printer drivers" list, and then click [Remove].
- (7) When the [Remove Driver And Package] screen is displayed, select [Remove driver and driver package.], and then click [OK].
- (8) When the "Deleting this printer driver package will remove it from the system. Are you sure you want to delete LD670 Raster?" screen appears, click [Yes].
- (9) When the [Remove Driver And Package] screen appears, click [Delete].
- (10) Click [OK] after driver removal completes and then click [Close] to exit the [Print Server Properties] dialog box.
- (11) Turn off the printer and restart your computer.

## 5.1.3 Other OS

Uninstall procedure:

- (1) Open the [Printer Folder].
  - \* See the [Printer folder] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.
- (2) Select "LD670 Raster" from the "printers folder" and then select [File] → [Delete].
- (3) When "Are you sure you want to delete LD670 Raster?" appears, click [Yes].
- (4) Select [File] → [Server Properties].
- (5) Click the [Drivers] tab, select "LD670 Raster" from the "Installed printer drivers" list, and then click [Remove].
- (6) When the [Print Server Properties] screen appears, click [Yes].
- (7) Click [Close] after driver removal is complete to exit the [Print Server Properties] dialog box.
- (8) Turn off the printer and restart your computer.

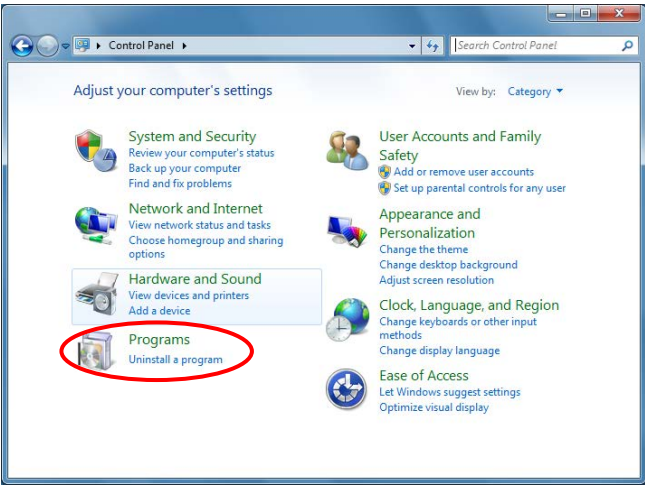
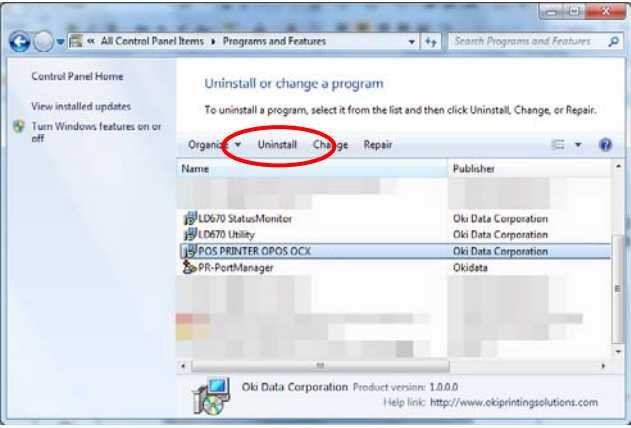
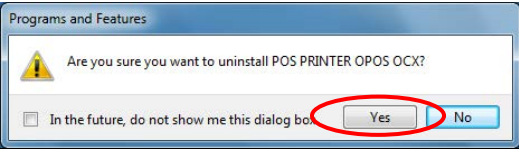
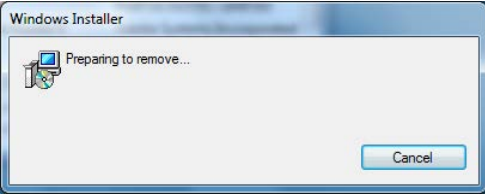
## 5.2 OPOS driver and other software

Use the following procedure to remove software.

The following uses the OPOS driver as an example. The procedure for removing the other software is the same.

\* If the [User Account Control] dialog box is displayed, click [Yes] or [Continue].

➤ **When you uninstall software, you must first close the software to be removed.**

1		<p>Open the [Uninstall a program] screen (*).</p> <p>* See the [Uninstall a program] procedure in "3.1 How to use this manual" for instructions on how to open the screen in each OS.</p>
2		<p>Select " POS PRINTER OPOS OCX" and then click [Uninstall] or [Remove]. (*1)</p>
3		<p>When the confirmation message appears, click [Yes].</p>
4		<p>This starts the uninstallation.</p> <p>Some files may not be deleted. Delete these manually from the "C:\OPOS\Okidata\PT" folder. (* 2)</p>



**\*1) The program names for the Utility and Status Monitor are as follows.**

Utility : LD670 Utility  
Status Monitor : LD670 StatusMonitor  
PR-PortManager : PR-PortManager  
AdminManager : AdminManager

**\*2) The folders to be deleted for the Utility and Status Monitor are as follows.**

Utility : C:\Program Files\Okidata\LD670\Utility (\*)  
Status Monitor : C:\Program Files\Okidata\LD670>StatusMonitor (\*)  
PR-PortManager : C:\Program Files\Okidata\Prmanager  
AdminManager : C:\Program Files\Okidata\AdminManager

\* For 64-bit Windows, the path is "C:\Program Files(x86)\...".

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## 6 Revision History

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Revision	Revised content
1.0.0.0	First Edition
1.0.0.1	2012/08/02

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