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Xerox 6030/6050 Wide Format TWAIN User Guide

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Preface

Welcome to 6030/6050 Wide Format TWAIN.

6030/6050 Wide Format TWAIN is TWAIN data source for 6030/6050 Wide Format Copier/Printer.
This User Guide describes 6030/6050 Wide Format TWAIN operation and usage cautions.

Read this guide prior to using 6030/6050 Wide Format TWAIN for most effective use and maximum performance.

Manual Organization

This guide has been prepared on the assumption that the user has understood the general idea and operation of Scanner, Printer, and Microsoft Windows.
For operation guide for Scanner and Printer, refer to the following manuals.

Types of Manuals	Contents
Xerox 6030/6050 Wide Format Printer with Scan System User Guide	Describes the operation methods and precautions regarding usage related to the Xerox 6030/6050 Wide Format Printer with Scan System.
Xerox 6030/6050 Wide Format Copier/Printer User Guide	Describes the various setup procedures and precautions regarding usage related to the copier.
Xerox 6030/6050 Wide Format Printer User Guide	Describes the various setup procedures and precautions regarding usage related to the printer.
DocuScan 1200w User Guide	Describes the operation methods and precautions regarding usage related to the DocuScan 1200w.

Using This Guide

This guide describes how to scan a monochrome image by using DocuScan 1200w and 6030/6050 Wide Format Copier/Printer, and how to edit, save, and print the scanned data.

About This Guide

This book has been prepared on the assumption that the user has used 6030/6050 Wide Format Copier/Printer prior to reading this manual.

The detail specifications and functions of Scanner and Printer, refer to respective manuals.
6030/6050 Wide Format TWAIN is compatible with Microsoft Windows 2000, Microsoft Windows XP and Microsoft Windows 98 operating systems.
For basic operation of each Windows operating system, refer to Microsoft Windows manual.

Table of Contents

This guide consists of the following chapters:

Chapter 1 Overview of 6030/6050 Wide Format TWAIN

Chapter 2. Preparation

Chapter 3. Functions

Chapter 4. Error messages

■ Conventions

This guide uses the following symbols depending on the contents:

[XXXX]	Indicates the topics, button names, and menu on operation window.
1234	Bold letters indicates the messages displayed on Wide Format TWAIN operation window.
<XXXX>	Indicates the messages.
Important	Indicates important information and must be read in detail.
Note	Gives what to follow for the correct use of Wide Format TWAIN.
=>p.10 <xxxx>	Indicates page number and topic.

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Chapter 1

Overview of 6030/6050 Wide Format TWAIN

This chapter overviews and describes the functions of 6030/6050 Wide Format TWAIN.

1.1 About TWAIN Source

6030/6050 Wide Format TWAIN (hereafter referred to as Wide Format TWAIN) provides image document scanning function by using 6030/6050 Wide Format Copier/ Printer and DocuScan 1200w with a host computer. The supported operating systems are Microsoft Windows 2000, Microsoft Windows XP and Microsoft Windows 98.

Basic functions required for wide size image scanning are available by Windows user interface operation.

■ Feature of Wide Format TWAIN

- Easy operation using TWAIN protocol, which is used as standard protocol for image scanner
- Including automatic document size judgement, and automatic background suppression

1.2 Terms

This section explains the terms used in this guide

Explanation of terms

Scan protocol:
Indicates the communication between image scanning application software and image scanner.

TWAIN Source software:
Indicates standard image scanning protocol for image scanning application and image scanner, developed by TWAIN Working Group.
Wide Format TWAIN uses this protocol for the communication with image scanning application such as DocuWorks. For detail explanation of DocuWorks, refer to DocuWorks user guide.

1.3 Precautions

This chapter explains the precautions for using Wide Format TWAIN.

■ Precautions and Restrictions for Scanner

To use Wide Format TWAIN, Scanner firmware version must be 1.0.0 or later version. The firmware version can be confirmed by Wide Format TWAIN version information. If the version is before 1.0.0, call for your Service Representative.

■ Precautions and Restrictions for Document Scanning

Available scanning size for Wide Format TWAIN is as follows. Read error or unexpected results may occur if oversized document is scanned.

[1] Scan size

■ At 600 dpi:

Size series	Size	Paper size (Width x Length) [mm]	dot [dot]
ISO A	A0 Portrait	841.0 x 1189.0	19866 x 28087
	A1 Portrait	594.0 x 841.0	14031 x 19866
	A2 Portrait	420.0 x 594.0	9921 x 14031
	A3 Portrait	297.0 x 420.0	7016 x 9921
	A4 Portrait	210.0 x 297.0	4961 x 7016
	A1 Landscape	841.0 x 594.0	19866 x 14031
	A2 Landscape	594.0 x 420.0	14031 x 9921
	A3 Landscape	420.0 x 297.0	9921 x 7016
	A4 Landscape	297.0x 210.0	7016 x 4961
SpecialA-1 (880mm)	Special A0 Portrait	841.0 x 1189.0	19866 x 28087
	Special A1 Portrait	594.0 x 841.0	14031 x 19866
	Special A2 Portrait	420.0 x 594.0	9921 x 14031
	Special A3 Portrait	297.0 x 420.0	7016 x 9921
	Special A4 Portrait	210.0 x 297.0	4961 x 7016
	Special A1 Landscape	841.0 x 594.0	19866 x 14031
	Special A2 Landscape	594.0 x 420.0	14031 x 9921
	Special A3 Landscape	420.0 x 297.0	9921 x 7016
	A4 Landscape	297.0x 210.0	7016 x 4961

Size series	Size	Paper size (Width x Length) [mm]	dot [dot]
Special A-2 (870mm)	B1 Portrait	728.0 x 1030.0	17197 x 24331
	B2 Portrait	515.0 x 728.0	12165 x 17197
	B3 Portrait	364.0 x 515.0	8598 x 12165
	B4 Portrait	257.0 x 364.0	6071 x 8598
	B5 Portrait	182.0 x 257.0	4299 x 6071
	B2 Landscape	728.0 x 515.0	17197 x 12165
	B3 Landscape	515.0 x 364.0	12165 x 8598
	B4 Landscape	364.0 x 257.0	8598 x 6071
	B5 Landscape	257.0 x 182.0	6071 x 4299
ANSI	ANSI/E Portrait	863.6 x 1117.6	20400 x 26400
	ANSI/D Portrait	558.8 x 863.6	13200 x 20400
	ANSI/C Portrait	431.8 x 558.8	10200 x 13200
	ANSI/B Portrait	279.4 x 431.8	6600 x 10200
	ANSI/A Portrait	215.9 x 279.4	5100 x 6600
	ANSI/E Landscape	863.6 x 558.8	20400 x 13200
	ANSI/D Landscape	558.8 x 431.8	13200 x 10200
	ANSI/C Landscape	431.8 x 279.4	10200 x 6600
	ANSI/B Landscape	279.4 x 215.9	6600 x 5100
ARCH	ARCH/E Portrait	914.4 x 1219.2	21600 x 28800
	ARCH/D Portrait	609.6 x 914.4	14400 x 21600
	ARCH/C Portrait	457.2 x 609.6	10800 x 14400
	ARCH/B Portrait	304.8 x 457.2	7200 x 10800
ARCH	ARCH/A Portrait	228.6 x 304.8	5400 x 7200
	ARCH/E Landscape	914.4 x 609.6	21600 x 14400
	ARCH/D Landscape	609.6 x 457.2	14400 x 10800
	ARCH/C Landscape	457.2 x 304.8	10800 x 7200
	ARCH/B Landscape	304.8 x 228.6	7200 x 5400

■ Automatic document size judgement

Judged value	ISO A	Special A (880mm)	Special A (870mm)	ANSI	ARCH
718mm or over	841mm (A0 Portrait/A1 Landscape)	880mm (Sp.A0 Port./ Sp.A1 Land.)	880/870mm (Sp. A0 Port. / Sp.A1 Land.)	863.6mm (34"x44"/ 34"x22")	914.4mm (36"x48"/ 36"x24")
718 - 502mm	594mm (A1 Portrait/ A2 Landscape)	625mm (Sp.A1 Port./ Sp. A2 Land.)	620mm (Sp. A1 Port. / Sp.A2 Land.)	558.8mm (22"x34"/ 22"x17")	609.6mm (24"x36"/ 24"x18")
502 - 332mm	420mm (2 PortraitA3 Landscape)	440mm (Sp.A2 Port./ Sp. A3 Land.)	435mm (Sp. A2 Port. / Sp.A3 Land.)	431.8mm (17"x22"/ 17"x11")	457.2mm (18"x24"/ 18"x12")
332 - 242mm	297mm (A3 Portrait/A4 Landscape)	312/297mm (Sp. A3 Port. / Sp.A4 Land.)	310/297mm (Sp.A3 Port./ A4 Landscape)	279.4mm (11"x17"/ 11"x8.5")	304.8mm (12"x18"/ 12"x9")
242 - 137mm	210m (A4 Portrait)	210mm (A4 Portrait)	210mm (A4 Portrait)	215.9mm (8.5"x11")	28.6mm (9"x12")

Note *Document size is judged by the detected document width and specified size series.*

■ Maximum document size

Maximum document size is determined by the memory size installed in scanner.

Installed memory	Maximum scan length
256MB	3,000mm
512MB	7,500mm
1GB	15,000mm

Note *Depending on the scanning application software, document less than the above maximum size may not be scanned. Refer to the corresponding scanning application software manual for the maximum size.*

Chapter 2

Preparation

This chapter describes the host computer and system configuration required for scanning and printing using Wide Format TWAIN.

2.1 System Configuration

■ Host Configuration

Wide Format TWAIN uses a computer with Windows 2000, Windows XP, or Windows 98 operating system installed. The following are the requirements for the host computer:

■ Requirements for a host computer

<Hardware>
CPU
Pentium III 450MHz or over
Memory
Mainly A0 size binary image256MB or over
Mainly Gray multi tone image:1GB or over
Hard disk
Mainly A0 size binary image: 500MB or over free space
Mainly Gray multi tone image: 1GB or over free space
SCSI board
Adaptec AHA-2940 Ultra (For Windows XP)
Adaptec ASC29160(For Windows 98, 2000)

<Software> (OS)
Windows 2000, Windows XP, Windows 98 operating system (English version only)

■ Connections

To scan image document, it is required to confirm if SCSI card is installed to a host computer, and DocuScan 1200w and 6030/6050 Wide Format Copier/Printer are connected correctly.

Note *For the information about SCSI card and how to install SCSI card driver, follow the instructions described on each SCSI card manual.*

2.2 Installation

This chapter describes how to install Wide Format TWAIN software to a host computer.

■ Before installation

Please follow the instructions below for installation.

Important
- For software upgrade, prior to installing the latest version software uninstall any previous version of the software. Wide Format TWAIN new version setup program creates new a file and does not overwrite the previous version file. Because of this, the new version software may be installed incorrectly if the previous version has not been uninstalled.
- Wide Scanner TWAIN Source is a different product, and not the previous version software. TWAIN Source and Wide Format TWAIN can be installed in the same PC.

■ Product information

Wide Format TWAIN is an optional software for 6030/6050 Wide Format Copier/ Printer. Please confirm that the following items are contained when you open Wide Format TWAIN package.

<License Agreeement(1)>

Read carefully before installation of software.

It describes about the license of Wide Format TWAIN software.

<CD for Setup>

The setup program for installing the program required to execute scanning application and Wide Format TWAIN software for processing data between 6030/6050 Wide Format Copier/Printer and host computer is located on a CD.

Note *The program will be saved on the hard disk of the host computer, following the setup program. Therefore, you do not need to confirm the contents of the floppy disk.*

■ How to install

Use Setup program from the CD to install Wide Format TWAIN software to a host computer.

Note *It is required to login as an administrator to install Wide Format TWAIN on Windows 2000. For Windows XP, it is required to login as an administrative user of a computer.*

Start Setup program on the host computer (Windows 98, Windows 2000, Windows XP) from the CD in either of the following methods.

1. Use [Add/Delete program] wizard of control panel.
2. Use [Run...] from Start menu.
3. Open Setup program file from CD by using Explorer.

Note *If you install the program in the method other than 1., select setup.exe and execute it. If you are not accustomed to Windows file operation, it is recommended to use the method 1.*

■ Installation Procedure

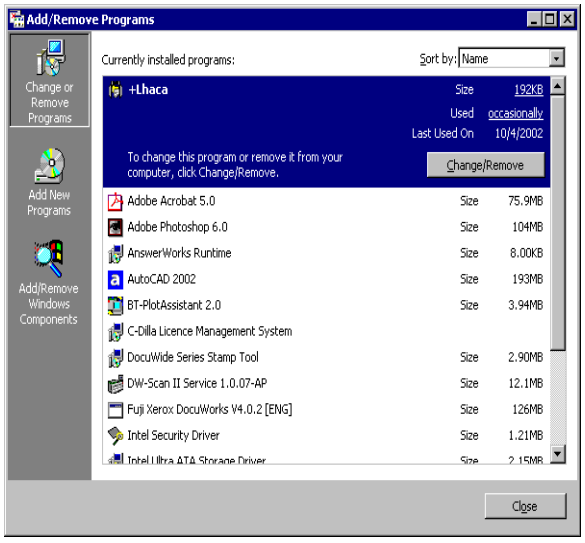
The followings is the installation procedure using [Add/Remove Programs] wizard.

Note *This section explains the procedures using Windows 2000. For the case of Windows 98, Windows XP, operations are the same as Windows 2000.*

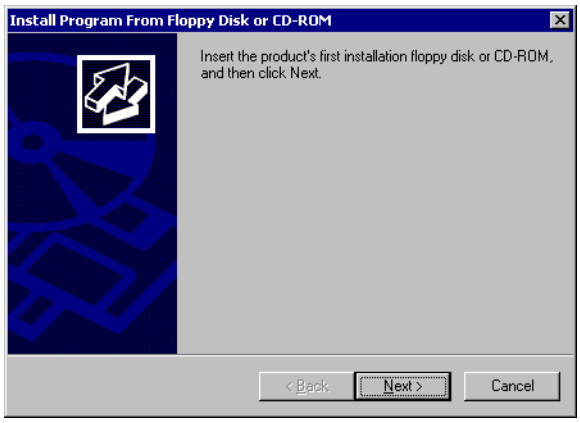
Start the host computer (Windows 98, Windows 2000, Windows XP).

1 Open the Control panel and double-click (Windows XP single-click) on [Add/Remove Programs].

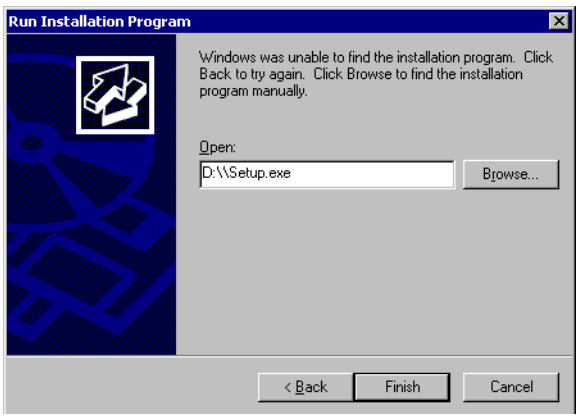
[Add/Remove programs Property] will be displayed.



2 Click on [Add New Programs] button.
[Install Program from Floppy Disk or CD-ROM] will be displayed.



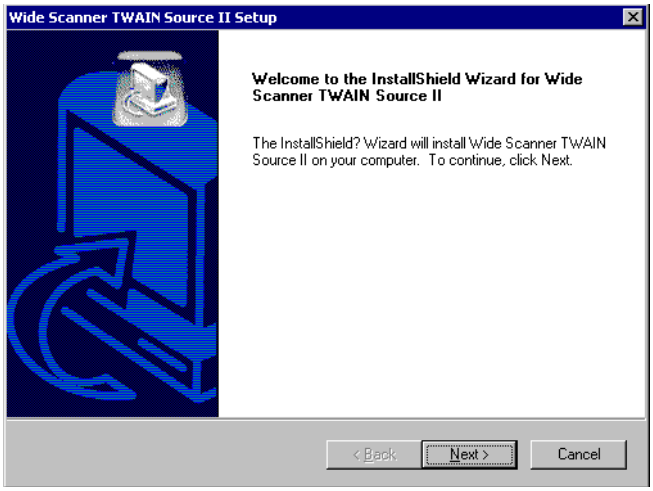
3 Insert Setup disk into the CD drive, and click on [Next].
The screen will be switched into [Run Installation Program]
Select the [Browse] button and select the CD drive and directory that contains the Setup.exe.



Note *This explanation is based on the assumption that the CD drive is D.*

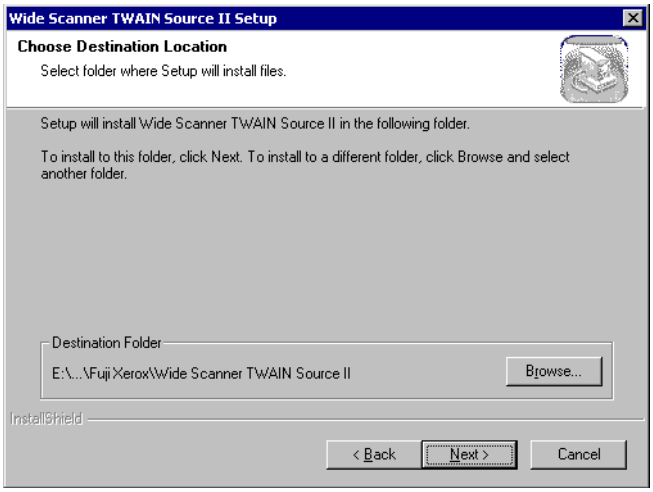
4 Click [Finish] button.

Setup wizard will be displayed.



5 Click [Next] button.

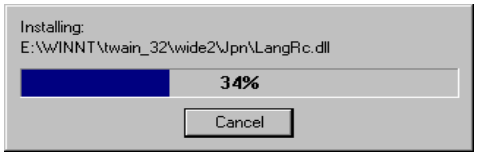
Setup program will be started, and [Choose Destination Location] screen will be displayed.



Note *Installation procedure will be different if the procedure other than 1. has been selected.*

Default installation folder will be automatically prepared by Setup program. To change the folder, click [Browse] button and specify the location.

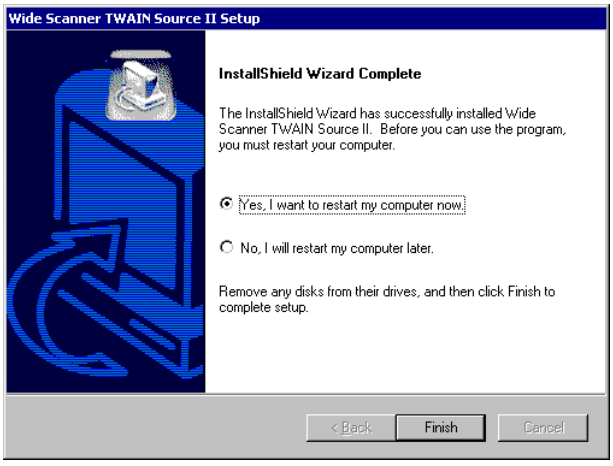
6 Click on [Next] button. Installation will be started.



Note

- *If ASPI driver file has been installed already, a message stating ASPI related file already exists. [Do you want to replace it?] will appear. If you want to replace, click on [Yes] and continue installation. If you do not want to replace, click on [No]. In this case, a message stating [Do you want to continue installation?] will be displayed. To stop installation, click on [No]. To continue, click on [Yes].*
- *If [No] is selected, Wide Format TWAIN operation cannot be assured.*

7 Check on [Yes, I want to restart my computer now].



8 Take out Setup disk from the CD drive.

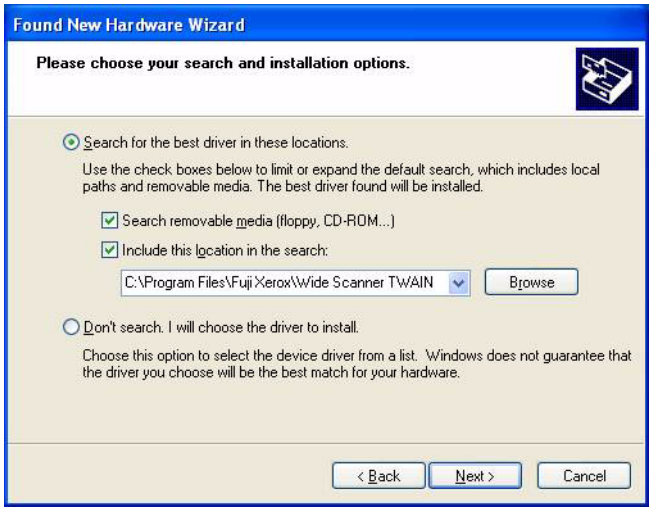
9 Click on [Finish] button.

Host computer will be restarted. The setup will be valid after restarting the computer.

Note • *If installing on Windows XP and [New Hardware Found] appears complete the following procedure to install the 6030 driver.*

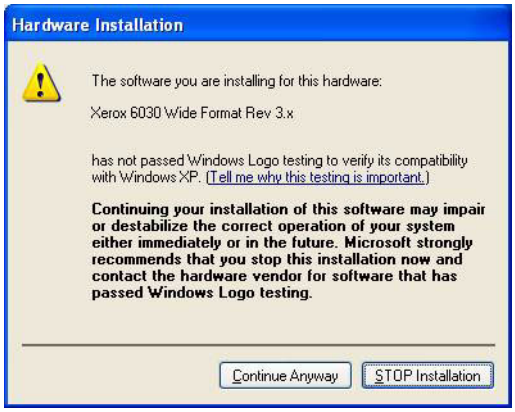
10 Select [Install from list or specific location (Advanced)].

11 Select [Search for the best driver in these locations] and check both options.

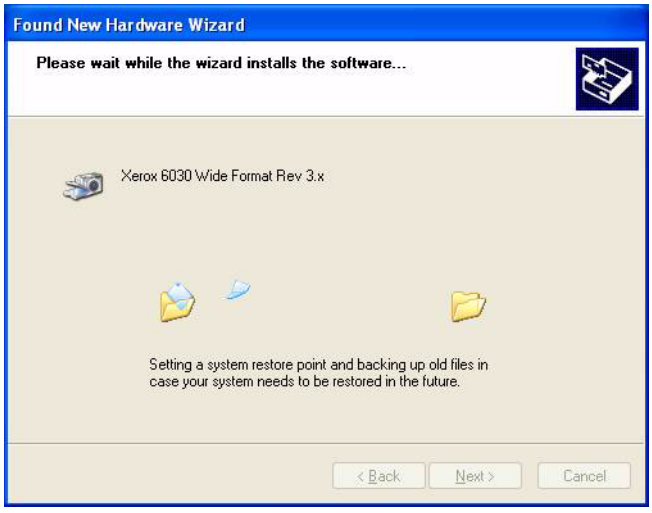


12 The PC will search for the driver.

13 When the driver is located click [Continue Anyway]



14 The driver will be installed and the installation widow will be displayed

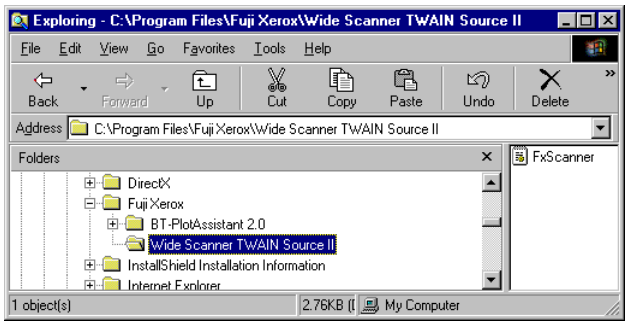


15 When the installation is compete click [Finish]

■ After installation

Wide Format TWAIN folder will be created after completing the installation of Wide Format TWAIN.

This example shows that Wide Format TWAIN program folder has been created by the name of [Wide Format TWAIN], in [Xerox] folder in [Program Files].



2.3 Uninstallation

This chapter how to uninstall

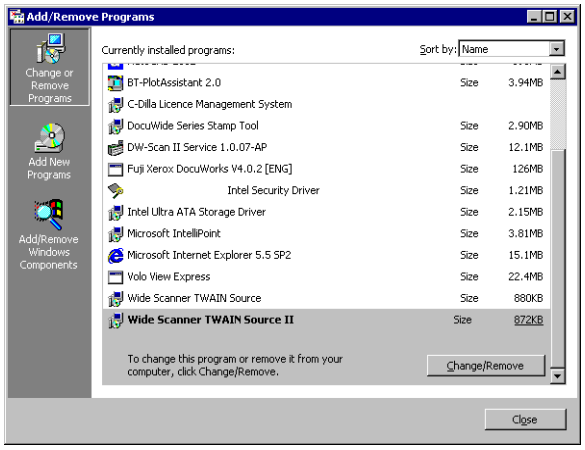
It is required to uninstall the currently used software before upgrading to the current version.

Important Wide Format TWAIN *new version setup program will not overwrite on the previous version file, but create a new file. Because of this, if the previous version file exists, installation may not be completed correctly.*

1 Open Control Panel and double-click on [Add/Remove programs] icon.

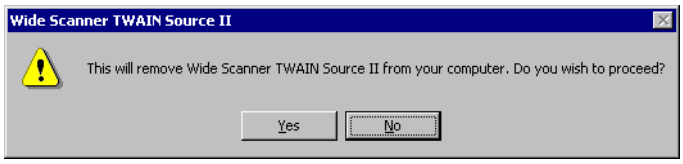
[Add/Remove programs] property will be open.

2 Select [Wide Format TWAIN] from program list. [Add/Remove] button will become active.



3 Click on [Change/Remove] button.

A message to confirm the deletion of the program will be displayed.



4 Click on [Yes] button.

Click on [Yes] to start uninstalling the program. To stop uninstallation, click [No].

5 Following this, a dialog box to confirm the deletion of shared files may be displayed depending on the situation. Delete the shared files if required.

To delete the file, click on [Yes].

To delete the all shared files, click on [Yes to all] button.

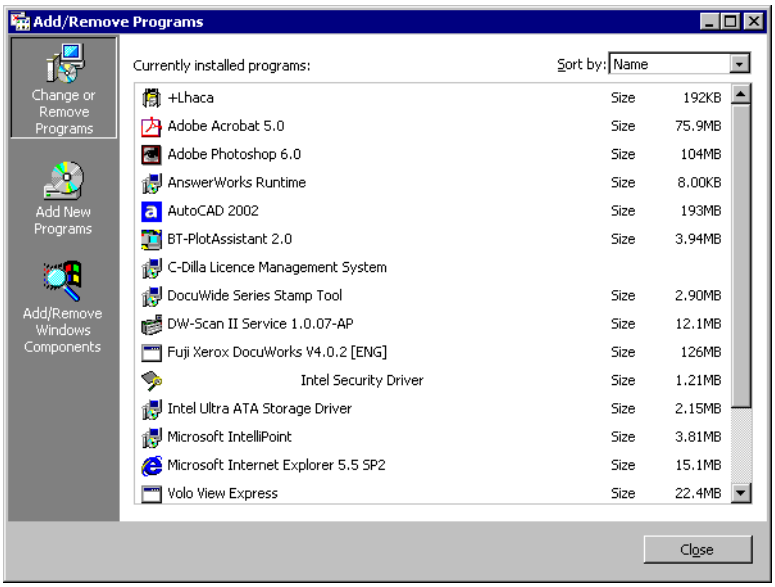
Select [No] to save the file.

Select [No to all] to save the all the other shared files.

The following screen will be displayed when uninstallation is completed.

6 Click [OK] button to finish deletion of the program.

[Add/Remove programs] property will be displayed.



Uninstallation is completed.

Chapter 3

Functions

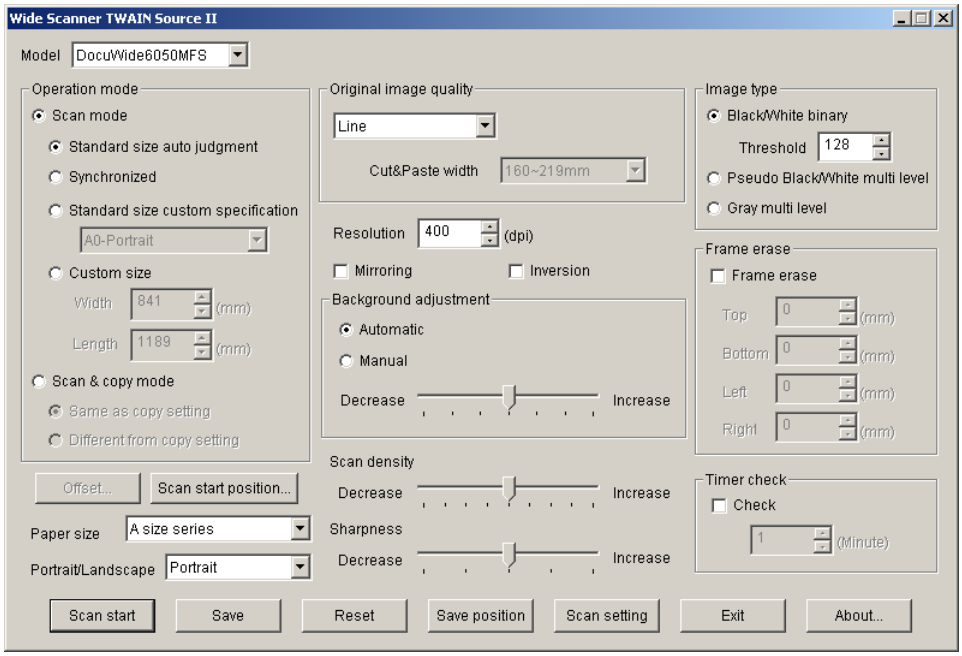
This section describes the functions available with Wide Format TWAIN.

3.1 Available scanning function

The scanning software requires an imaging applications (Photoshop, Corel, Windows Paint). Start the imaging application and select Scanner or TWAIN (usually located under the File pull down menu).

■ Image scan

After setting required scanning options by using dialog box and press [Scan Start], Wide Format TWAIN will scan the image, and the image data will be stored in the memory.



[Wide Format TWAIN dialog box]

Functions and the meanings set by [Wide Format TWAIN] dialog box are described in the next section.

■ Operation mode

Scanning modes for DocuScan 1200w and 6030/6050 Wide Format Copier/Printer can be defined in Operation mode. DocuScan 1200w operates in [Scan mode] only, and 6030/6050 Wide Format Copier/Printer operates in either of [Scan mode] or [Scan & Copy mode].

■ Scan mode

Scan mode performs scanning of a document only. Document size is judged by the following four ways. It is required to select the judgement method according to the requirements for scanning, because available functions are different in each method.

– Standard size auto judgement
– Synchronized
– Standard size custom specification
– Custom size

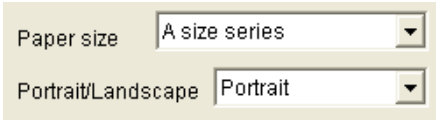
The following two functions are available when [Standard size custom specification] or [Custom size] is selected.

– Offset
– Scan start position

The followings are the descriptions of each function.

■ Standard size auto judgement

Scan document by detecting document size automatically.
Media series and document orientation (Portrait/Landscape) needs to be specified.



If the free space in Scanner memory is insufficient, it starts prefeeding the next document, but will not start scanning instantly. It starts scanning automatically when sufficient memory is secured. Please wait for a while in this case.

Note *[Scan Start Position] can be specified when [Standard size auto judgement] has been selected.*

■ Synchronized

If the long edge of the long document is nonstandard size, the image is scanned according to the document length.
It is required to specify media size series.

The maximum document size for scanning is different according to the installed page memory of DocuScan 1200w and 6030/6050 Wide Format Copier/Printer.

Note *[Scan Start Position] can be specified when [Synchronized] selected.*

■ Standard size custom specification

Specify document size from the drop-down list.

Note
- *If you select [Standard size custom specification], [Scan start position] and [Offset] can be specified.*
- *Mirror image (refer to [3]Contrast Reversal/Mirror Image) cannot be selected when [Standard size custom specification] has been selected.*

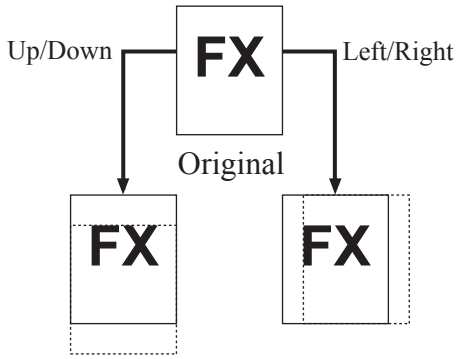
■ Custom size

Document width and length can be specified by 1mm increment. By clicking right mouse button on either of [Width] or [Length], standard size width and length can be specified from the list provided.

Note
- *If you select [Custom size], [Scan start position] and [Offset] can be specified.*
- *Mirror image (refer to [3]Contrast Reversal/Mirror Image) cannot be selected when [Standard size custom specification] has been selected.*

■ Offset

If you select [Standard size custom specification] or [Custom size] in standard mode, [Offset] button becomes active. Click [Offset] button to open [Offset] dialog, and enter the offset value. Offset value ranges from 0 to 310mm.

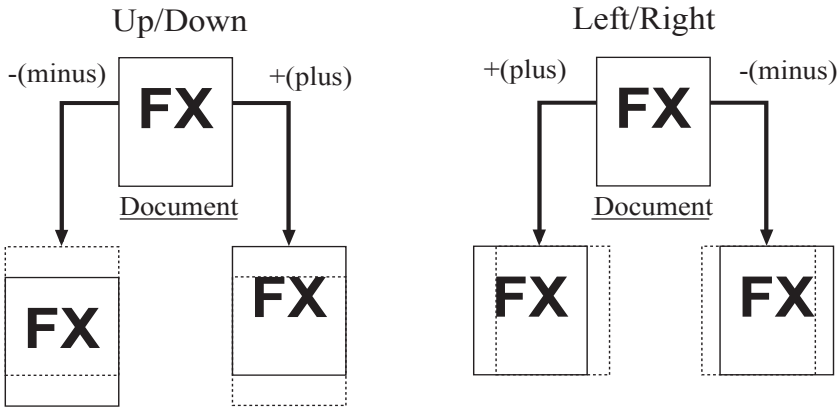


Note
- *If offset value is set beyond the size of the document, it becomes blank data or error.*
- *The initial point of offset is the point specified by scan start position adjustment.*

■ Scan start position

[Scan start position] dialog box will be displayed when you click [Scan start position] button.

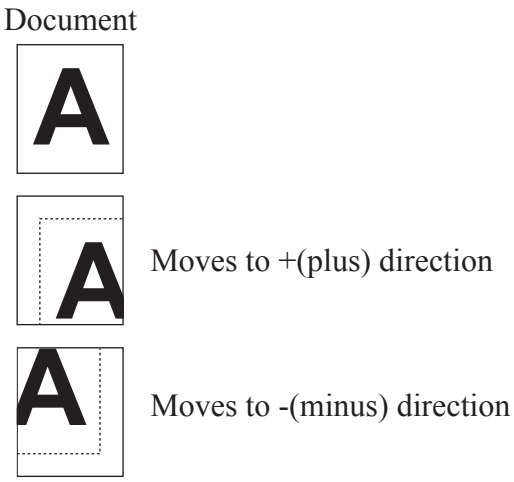
You can set the scan start position by specifying the distance from lead and left edge of the document. Available value range from the initial point is from -500 to 500mm for fast scan direction, and -999 to 999mm for slow scan direction.



(From the front side of the document)

*Auto size recognition in Scan Start Position adjusted mode

The length of the scanned image becomes standard size length, even if the image has been shifted to upper or lower by using Scan Start Position adjustment feature. The image moved out of the standard size will be cut, and the blank area will become white.



■ Scan & Copy mode

Scanning and copying can be carried out at the same time with a system machine such as 6030/6050 Wide Format. This function is called Scan & Copy. There are two methods in Scan & Copy:

– Scan in different setting from copy
– Scan in same setting as copy

Important *Media size cannot be specified in [Scan & copy mode]. Copy setting is enabled.*

Note *This mode is enabled only when using the system machine such as 6030/6050 Wide Format Copier/Printer.*
At scanning, the data will be transferred to the host computer in the same size as copy output.

• Scan in different setting from copy (Alternate output)

After reading the document, transfer the data to the host computer.
The following functions can be set from Wide Format TWAIN UI screen.

– Resolution, Contrast Reversal, Mirror Image, Document Type, Background suppression, Scan Density, Sharpness, Image Type, Timer Check

Note *The maximum resolution is 600dpi.*

• Scan in same setting as copy (Simultaneous output)

Transfer the data to the host computer at the same time as scanning the document.
The following function can be set from Wide Format TWAIN UI screen.

Note *The resolution is fixed to be 600dpi.*

■ Resolution

Set resolution according to the document image. It is selectable from 150 to 2400dpi (dots/inch), by 1dpi (dots/inch) increment. The default setting is 400dpi (dots/inch).

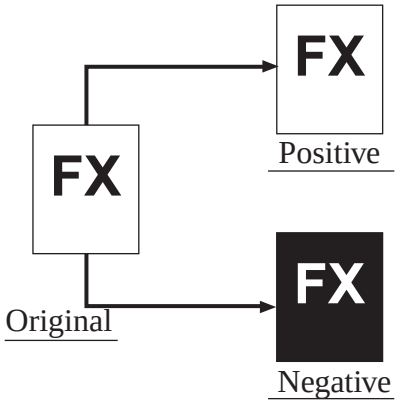
■ Contrast reversal/Mirror image

The following image processing can be specified when Scanner is reading the document.

– Contrast reversal
– Mirror image

• Contrast Reversal

Prints black images on a document to be white and white areas to be black.

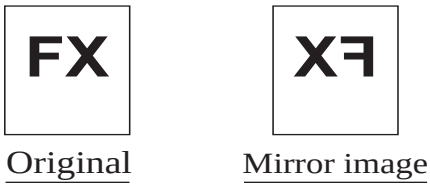


Important

- In Scan & Copy mode, specify contrast reversal from Copier.
- In Scan mode, white areas are to be scanned black. In Scan & Copy mode, (Contrast Reversal specified by Copier), white areas are to be scanned white.

• Mirror Image

Creates the reflection of the original document.



Important *This function is not available when [Standard size custom specification] or [Custom size] has been specified in Scan mode, or [Same as copy setting] has been specified in Scan & copy mode.*

■ Scan in accordance with the document image type (Document image type)

There are the following nine image type options. To ensure excellent scan quality, it is

good practice to select the best document image type that matches the document.

- Line (Default)
- Line/Picture
- Photo
- Picture
- DIAZO
- Cut & Paste
- Transparent
- Dark background
- Special original 1-3

• Line

Select when the original contains lines and text images.

• Line/Picture

Select when the original contains text/lines and dot matrix images or halftone images.

• Photo

Select when the original contains pure glossy image.

• Picture

Select when the original contains dot matrix images (like newspaper, posters, or copy of photographs).

• DIAZO

Select when the original is diazo document.

• Cut & Paste

Select when the original contains cut and paste images, so that the density between cut and pasted images and the background is sharply changed. Cut and paste document width can be specified in 10 levels.

• Transparent

Select when the original is transparent document. Blur around the texts can be suppressed.

• Dark background

Select when the original contains a dark background.

• Special original 1-3

Not currently supported. If this mode is selected, line mode will be assigned.

Important
- If [Same as copy setting] is specified in Scan & Copy mode, document will be scanned by copier setting.
- [Black/White binary] cannot be specified when [Picture] or [Photo] is selected.

■ Scan in accordance with the document quality

Even if the same scan mode is selected for the same type of image, the result may be different when the document is irregular, the paper has color, or has been damaged. In order to make fine adjustment, the following 4 functions are available.

– Background adjustment
– Scan density
– Sharpness
– Image type

Important *If [Same as copy setting] is specified in Scan & Copy mode, document will be scanned by copier setting.*

• Background adjustment

Sets the method to suppress unwanted background of documents. There are two background suppression options.

If [Auto] is selected, the level of suppression can be selected in 7 levels.

If [Manual] is selected, the level of suppression can be selected in 39 levels.

Note *Background adjustment feature adjusts only background scan result. Depending on the image of the document, other adjustment function may need to be used simultaneously to achieve the best image quality.*

• Scan density

Sets the density of the entire image in 9 levels.

• Sharpness

Sets the sharpness of outline of the scanned data in 5 levels.
It is effective when moire pattern is found in scanned data.

• Image type

[Black/White binary] converts image into black and white with reference to the binary threshold. The threshold can be set between 1(White) to 255(Black).

[Pseudo Black/White binary] or [Gray multi level] converts the level automatically.

Important
- [Black/White binary] cannot be specified when [Photo] or [Picture] is selected.
- Document type and Edge erase become invalid when [Gray scale] or [Gray multi level is specified.
- The maximum scanning length is 48 inches when [Gray multi level] is specified.

■ Additional functions

Other functions are available when scanning document.

– Edge erase
– Timer check
– Save
– Save position
– Scan setting

• Edge Erase

This function erases the images on the outer edge of the document (top edge, bottom edge, left and right edges). The amount of edge erasure can be set within 50mm, by 1mm increment.

Important *This function cannot be specified in Scan & Copy mode.*

Note
- *Edge erase is not available when [Synchronized] mode is selected.*
- *If the length is specified over 8000mm in [Custom Size], Edge Erase will be invalid.*

• Timer Check

Check the time from the point of completion of image data transfer to host computer to the point of completion of scanning next document. When the time-out occurs, scanner control will be invalid

Time-out time can be set between 1 to 120 minutes by 1 minute increment. When time-out occurs, [Wide Format TWAIN] dialog box will be displayed. To start scanning a document again, click on [Start] button of [Wide Format TWAIN] dialog box.

• Save

You can save the custom scanning parameter by clicking [Save] button. If you want to set it to default, press [Reset] button.

• Save position

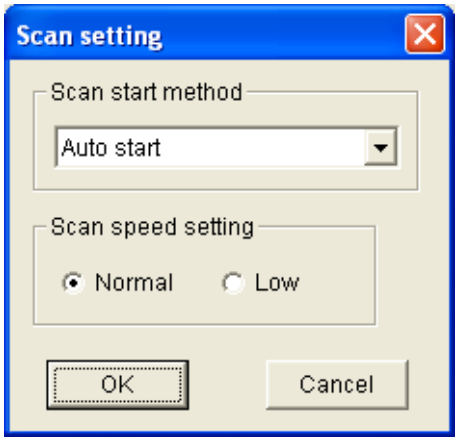
Save the position of main screen.

The main screen will be opened at the same position from the next time.

- Scan setting

Set scan start method and scanning speed.

When you click [Scan setting] button, [Scan setting] dialog box will be displayed.



Important

- [Same as scanner setting] cannot be selected when using DocuScan 1200w.
- In scan & copy mode, [Same as scanner setting] will be selected automatically.

Chapter 4

Error and Warning messages

4.1 Error and Warning messages

This chapter describes the causes and solutions for error and warning messages displayed during Wide Format TWAIN operation.

■ Wide Format TWAIN Error Messages

If an error occurs with host computer or scanner while scanning, Wide Format TWAIN software displays an error message in a dialog box to inform the user. The messages and their meanings are as follows.

<Scanner is being initialized or abnormal.>

Cause	Scanner is being initialized or abnormal.
Solution	Re-start the operation after modifying scanner.

<Check printer section.>

Cause	Media jam occurred or printer is warming up.
Solution	Re-start the operation when printer is ready.

<Failed to scan document.>

Cause	In standard size auto detect/synchronized mode, document exceeding the specified maximum resolution has been inserted.
Solution	Set the resolution within the maximum value and re-start operation.

<Document being jammed or scanner cover is open. Continue scanning?>

Cause	Scanner cover is open, or document has been jammed.
Solution	Close scanner cover, or remove jammed document and re-start operation.

<Document is too long. Failed to scan completely.>

Cause	Document is too long.
Solution	Use shorter document.

<Hardware error has occurred.>

Cause	Fatal hardware error has occurred for unknown reasons.
Solution	

<Cannot change operation mode. Pull out original and click [OK]. >

Cause	User tried to change operation mode while it is unavailable.
Solution	Change operation mode after 30 seconds.

<Cannot change operation mode. Pull out original and click [OK]. >

Cause	User tried to change operation mode while document is jammed and operation mode cannot be changed.
Solution	Remove jammed document and press [OK].

<Cannot use scanner. Check SCSI connection and Scanner control panel display.>

Cause	No device available.
Solution	Connect available device.

<Power-off or reset has occurred.>

Cause	Power-off or reset has occurred.
Solution	

<Document size including specified offset is beyond allowable setting range. Change offset, document size, or resolution.>

Cause	The combination of offset, document size, resolution value is inappropriate.
Solution	Change specified value.

<Cannot read document with specified resolution.>

Cause	Resolution specified in standard size custom specification mode cannot be used for scanning the specified document.
Solution	Change resolution value or document size.

<Read size is too large. Failed to scan completely. Add memory or hard disk to device.>

Cause	Device memory is insufficient to read the document.
Solution	Add memory to device.

<Failed to save settings.>

Cause	User has entered out-of-range value in any of parameters.
Solution	Confirm parameter value and set them within the range.

<Cannot set specified resolution.>

Cause	User has specified out-of-range value for resolution.
Solution	Specify the value within the range.

<Cannot set specified frame erase range. Set value in the range of 0 to 50mm.>

Cause	Specified value is out or range.
Solution	Specify value within the range.

<Cannot set specified Custom Size. Specify width up to 914mm, length up to 15,000mm.>

Cause	User has specified out-of-range value in Custom Size.
Solution	Specify value within the range.

<Cannot set specified timer value. Specify value in the range of 1 to 120.>

Cause	User has specified out-of-range value in Timer check.
Solution	Specify value within the range.

<Cannot set specified Threshold value. Specify value from 1 to 255. >

Cause	User has specified out-of-range value in Threshold.
Solution	Specify value within the range.

<Insufficient free disk space. Cannot create temporary file for saving image data.>

Cause	Cannot use sufficient space in disk to save temporary image data.
Solution	Increase free space in disk.

<Failed to control device.>

Cause	Error has occurred while operating SCSI command.
Solution	Check device if it is correctly operated.

<Cannot create temporary file for saving image data.>

Cause	Cannot create TIFF file.
Solution	Check free space in disk. If insufficient, increase free space.

<Failed to acquire image data.>

Cause	Image file cannot be created because of insufficient memory.
Solution	If operating other application, exit the application.

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