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Tel: 65-7998888, Fax: 65-2736786,
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Block D, Peremba Square
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Helpdesk: 603-7446008/9
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ADOBE SYSTEMS INCORPORATED

<http://www.adobe.com>

ARCISOFT, INC.

<http://www.arcsoft.com>

SCANSOFT, INC.

<http://www.scansoft.com>

Canon Color Image Scanner CanoScan D646U

Quick Start Guide

For Windows

For Macintosh

System Information

This form is used to record the operating environment of the purchased scanner.
If any problems occur with the scanner, you will need this information when you contact our Customer Support Help Desk. Please make sure to record this and secure it safely.

- When a repair is needed, warranty information is required. Please make sure to record this information and secure it carefully.
- The replacement parts for this equipment have an expiration date of five years after production ceases. (Replacement parts refer to any part that is required for the optimal operation of the equipment.)

Date of Purchase:		
Dealer:		Tel:
Dealer Address:		
Scanner Model:		CanoScan D646U
Serial Number (displayed on the back of the equipment):		
• About the Computer Used		
Manufacturer:		Model:
CPU:		Clock Speed: MHz
Memory Capacity (RAM): MB		
Hard Disk Capacity: MB		Space Available: MB
OS : Windows <input type="checkbox"/> Me <input type="checkbox"/> 98 <input type="checkbox"/> 2000 Mac OS <input type="checkbox"/> 8.6 <input type="checkbox"/> 9		
Monitor Type:		Monitor Size: Inches
Printer:		Manufacturer:
Type of Printer:		Printer Resolution: dpi
Installed Virus Protection Program:		
Installed Compression Program:		
On-Board Expansion Cards:		
Attached Peripherals:		
Name of Network Connected:		

Warning

When you use this product, you should pay attention to the following legal issues:

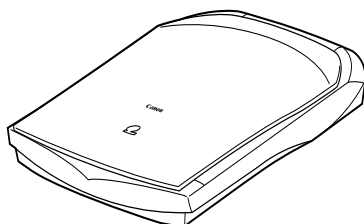
- Scanning of certain documents, such as bank notes (bank bills), government bonds and public certificates, may be prohibited by law and may result in criminal and/or civil liability.
- You may be required under law to obtain authorization from a person possessing copyrights or other legal rights to the item being scanned.

If you are uncertain of the legality of scanning any particular item, you should consult your legal adviser in advance.

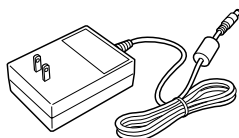
- CanoScan, ScanGear and Canon Plug-in Module are trademarks of Canon Inc.
- Adobe®and Acrobat® are trademarks of Adobe Systems Incorporated.
- Macintosh, Power Macintosh and Mac OS are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.
- iMac is a trademark of Apple Computer, Inc.
- Microsoft and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries.
- OmniPage Pro and OmniPage SE are trademarks of ScanSoft, Inc.
- Other names and products not mentioned above may be trademarks or registered trademarks of their respective companies.

1. Check the Package Contents

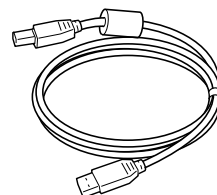
Scanner Unit and Accessories



Scanner Unit



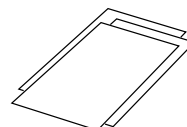
AC Adapter



USB Interface Cable

Software and Documents

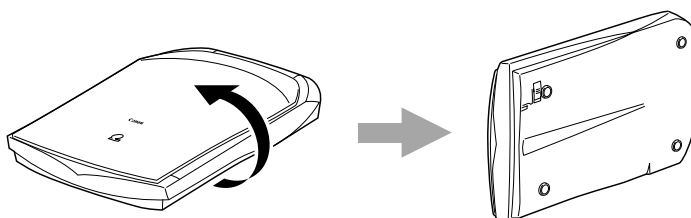
- CanoScan Setup Utility CD-ROM
Contains software programs, PDF manuals, troubleshooting guide, etc.
- Quick Start Guide (this guide)
- Additional documents



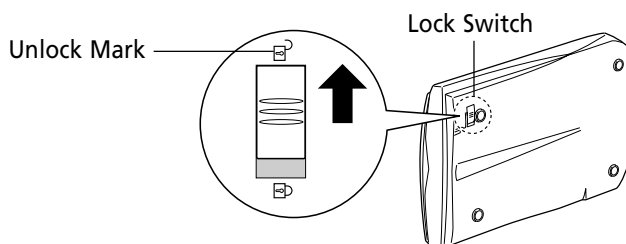
2. Unlock the Scanning Unit

Unlock the scanner before plugging in the AC adapter. If it is left locked, a malfunction or other problem may occur.

1. Peel the seals off the scanner.
2. Gently turn the scanner over.



3. Push the lock switch toward the unlock mark.



4. Return the scanner to a horizontal position.



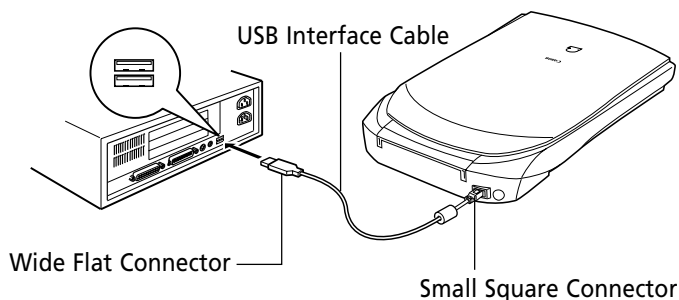
- Windows users ➡ follow the procedures from the next page.
- Macintosh users ➡ follow the procedures from page 8.

Using the Windows Platform

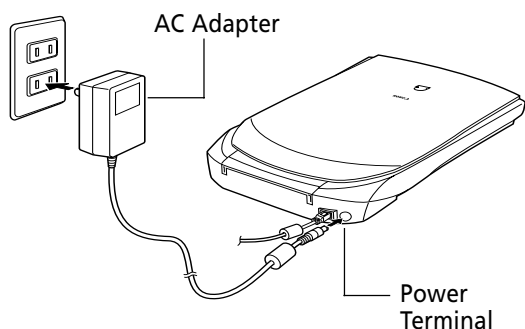
3. Connect the Scanner

Confirm that the power switches for the computer and other connected devices are off.

1. Connect the scanner to the computer with the supplied USB interface cable.



2. Connect the AC adapter to the scanner.



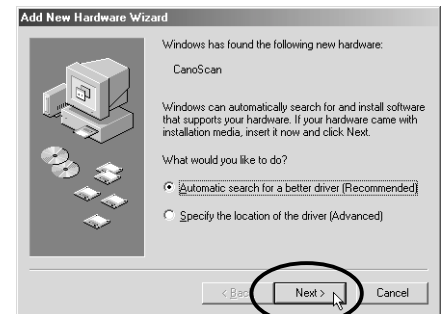
Only use the AC adapter provided with the scanner. Use of other AC adapters may lead to a malfunction.

- The scanner does not have a power switch. The power is activated as soon as the AC adapter is plugged in.

4. Install the Driver Software

Windows Millennium Edition

1. Turn the computer on.
2. The [Add New Hardware Wizard] will appear. Confirm that [Automatic search for a better driver (Recommended)] is selected.
3. Place the CanoScan Setup CD-ROM in the drive.
4. Wait for 10 seconds, then click [Next].



5. When [Windows has finished installing the new hardware device.] appears, click [Finish].

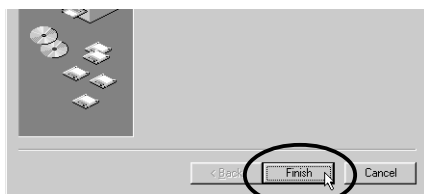
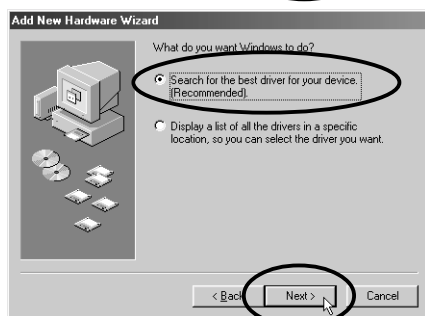


Windows 98 / 2000 Professional

The screen shots in this section are from Windows 98.

1. Turn the computer on.
2. When [Add New Hardware Wizard] appears, click [Next].
3. Confirm that [Search for the best driver for your device. (Recommended)] is selected and click [Next].
4. Place the CanoScan Setup Utility CD-ROM in the drive.
5. Confirm that [CD-ROM drive] is selected, wait for 10 seconds, and then click [Next].
If [Driver Not Found] appears, click [Back] and repeat Step 5.
6. When [CanoScan D646U] appears, click [Next].
If you are prompted to insert the Windows 98 CD-ROM, follow the instructions below.
 - a. Click [OK].
 - b. Click [Browse].
 - c. Select the CD-ROM drive and click [OK].
 - d. Click [OK].

With Windows 2000 Professional, it may appear message box [Digital Signature Not Found]. Continue installation clicking [Yes].
7. Click [Finish].



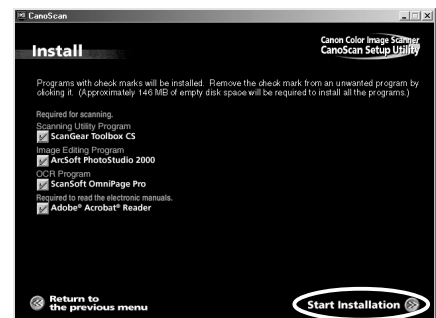
5. Install the Application Software

List of Software to be Installed (approx. total of 88MB)

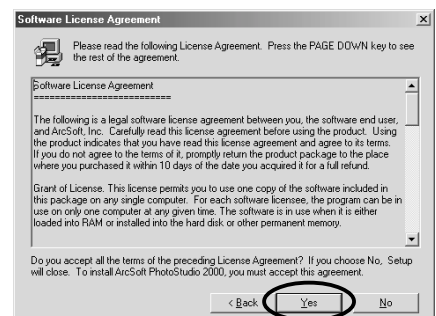
- ScanGear Toolbox (2 MB) -Scanning Utility Program
- ArcSoft PhotoStudio 2000 (30 MB) -Image Editing Program
- ScanSoft OmniPage Pro (46 MB) -OCR (Optical Character Recognition) Program
- Adobe Acrobat Reader (10 MB) -PDF Reader

Installation Procedures

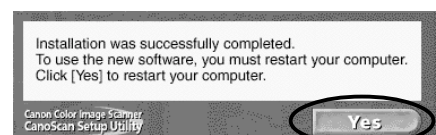
1. Eject the CanoScan Setup Utility CD-ROM and re-insert it.
The CanoScan Setup Utility main menu will appear.
2. Click **[Install the Software]**.
[Software User License Agreement] is confirmed. Click [Yes] if you have no problem.
The install window will display.
3. Click **[Start Installation]**, and click [Yes].



4. The installation procedure will start.
Follow the message prompts and click [Yes] or [Next] to continue the installation.



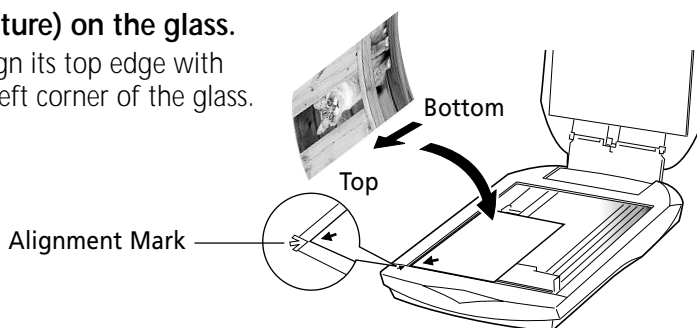
5. When the installation is complete, click [Yes].
The computer will restart.



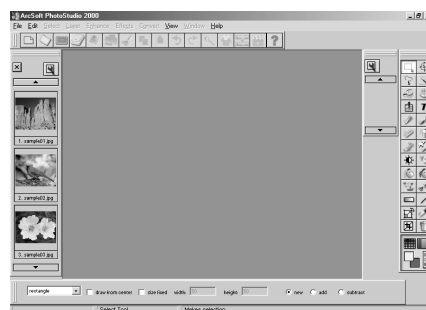
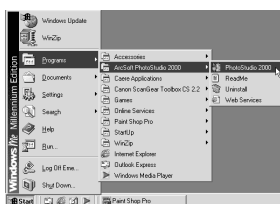
6. After Windows restarts, remove the CD-ROM from the drive and store it in a safe place.

6. Try Scanning

1. **Place your item (photo or picture) on the glass.**
Place the item face down and align its top edge with the alignment mark at the front left corner of the glass.



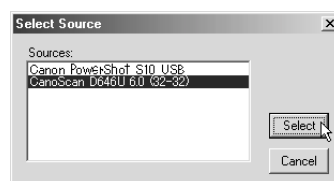
2. **Select [Start], [Programs], [ArcSoft PhotoStudio 2000] and [PhotoStudio 2000].**



PhotoStudio 2000 will start.

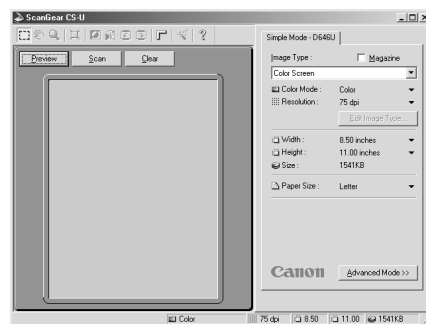
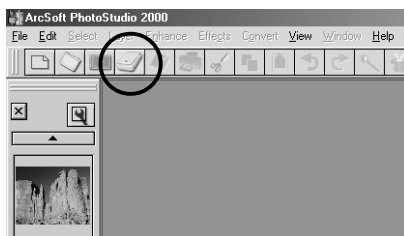
< If you install another scanner or a digital camera, select this scanner. >

- a. Click the [File] menu and select [Select Source].
- b. Highlight [CanoScan D646U] and click [Select].



3. **Click .**

ScanGear CS-U will start.

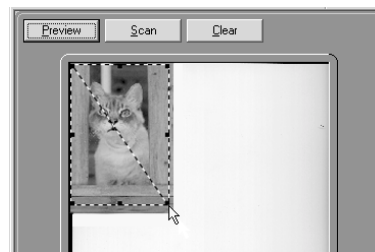


4. **Click [Preview].**

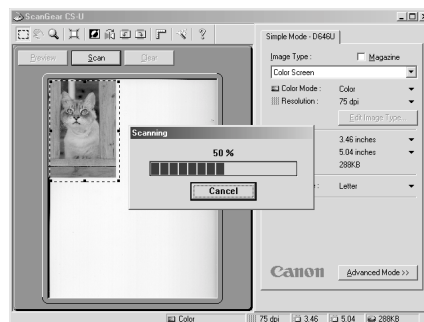
After calibration, the preview scan will start and gradually display the image.




5. Drag the mouse diagonally to select the area you want to scan.

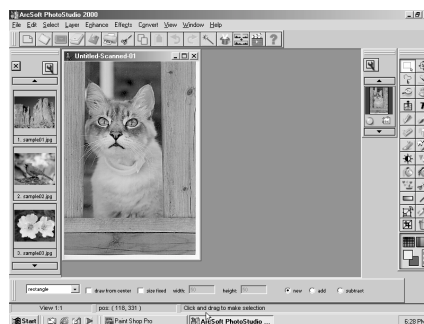



6. Click [Scan].
After calibration, the final scan will start.



7. Click the  in the ScanGear CS-U window to close it.

The scanned image will appear in the PhotoStudio 2000 window.



8. Save the scanned image.
Click the [File] menu and select [Save As]. Select the folder where you wish to store the image file, enter a file name and select a file type, and click [Save].
9. Click the  in the PhotoStudio 2000 window to close it.

You have now confirmed the scanner operation.
You should now be ready to explore the possibilities of the bundled software.

For details about the bundled software, read the Product Guide or user's guide for each software program contained on the CanoScan Setup Utility CD-ROM as PDF manuals.

If the scanner does not perform as described above, read the [Troubleshooting] section of the CanoScan Setup Utility CD-ROM.

Using the Macintosh Platform

3. Install the Software

List of Software to be Installed (approx. total of 54MB)

- | | | |
|-----------------------------|---------|--|
| • Canon Plug-in Module CS-U | (5 MB) | -Plug-in Module |
| • CanoScan Toolbox | (5 MB) | -Scanning Utility Program |
| • ArcSoft PhotoStudio 2000 | (6 MB) | -Image Editing Program |
| • ScanSoft OmniPage SE | (30 MB) | -OCR (Optical Character Recognition) Program |
| • Adobe Acrobat Reader | (8 MB) | -PDF Reader |

Installation Procedures

Ensure that the scanner is NOT CONNECTED to the computer.

1. Turn the computer on.
2. Place the CanoScan Setup Utility CD-ROM in the drive.

The CanoScan Setup Utility main menu will appear.

Note: If no window displays, double-click the CD-ROM icon, then the Setup icon.

3. Click **[Install the Software]**.

[Software User License Agreement] is confirmed. Click [Yes] if you have no problem.
The install window will display.

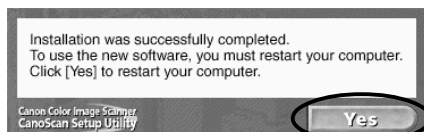
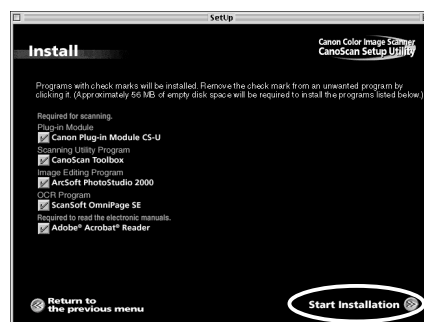
4. Click **[Start Installation]**.

Click [Yes] to start the installation process.

5. Follow the message prompts and click **[Install]** or **[OK]** to continue the installation.

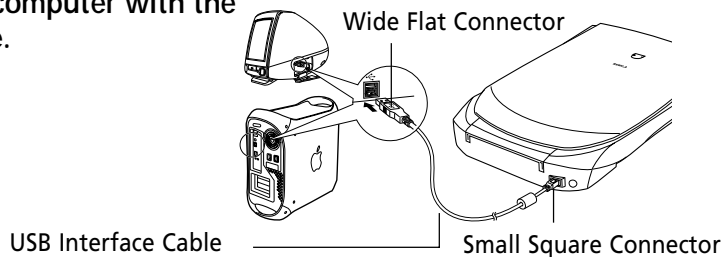
6. When the installation is complete, click **[Yes]**.
The computer will restart.

7. After restarting, eject the CD-ROM by dragging its icon to the Trash and store it in a safe place.

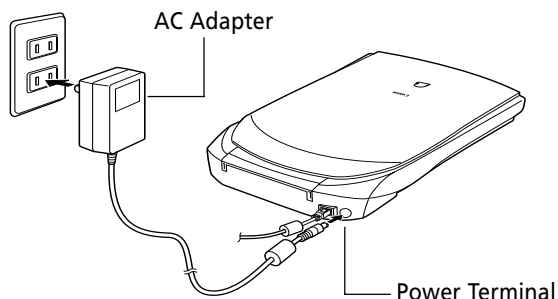


4. Connect the Computer

1. Connect the scanner to the computer with the supplied USB interface cable.



2. Connect the AC adapter to the scanner.

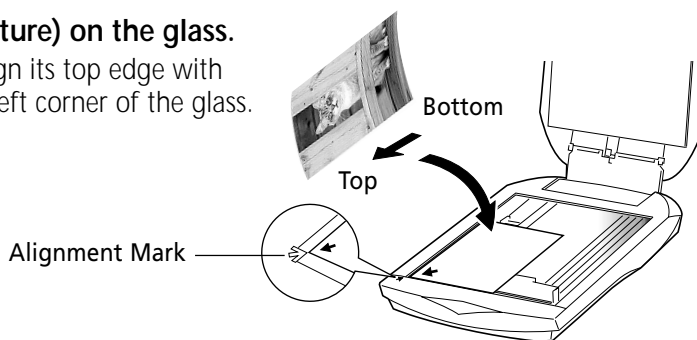


Only use the AC adapter provided with the scanner. Use of other AC adapters may lead to a malfunction.

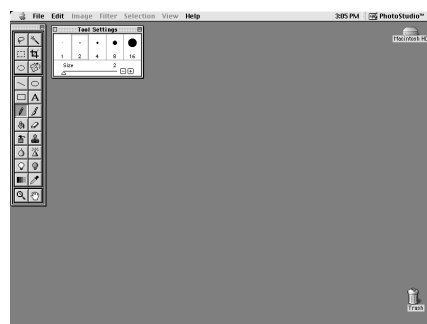
• The scanner does not have a power switch. The power is activated as soon as the AC adapter is plugged in.

5. Try Scanning

1. Place your item (photo or picture) on the glass.
Place the item face down and align its top edge with the alignment mark at the front left corner of the glass.

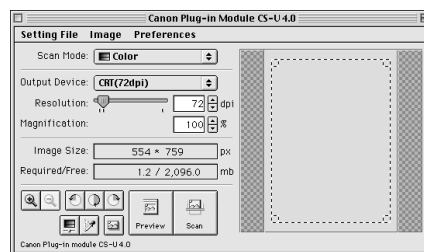
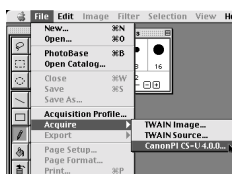


2. Open the [ArcSoft PhotoStudio] folder and double-click the [PhotoStudio] icon.
PhotoStudio 2000 will start.



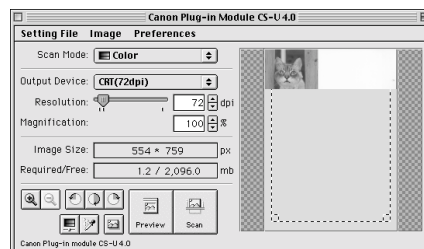
- Click the [File] menu and select [Acquire] and [Canon PI CS-U 4.0.0...].

Plug-in Module CS-U will start.



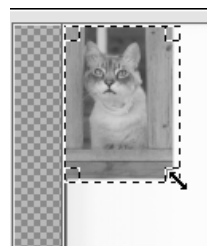
- Click [Preview].

After calibration, the preview scan will start and gradually display the scanned image.



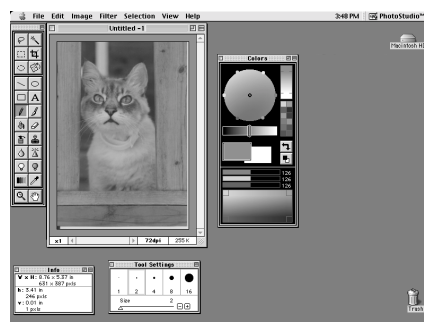
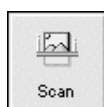
- Drag the mouse diagonally to select the area you want to scan.

The scanned image will appear in the PhotoStudio 2000 window.



- Click [Scan].

After calibration, the final scan will start. The scanned image will appear in the PhotoStudio 2000 window.



- Save the scanned image.

Click the [File] menu and select [Save As]. Select the folder where you wish to store the image file, enter a file name and select a file type, and click [Save].

- Click the [File] menu and select [Quit].

PhotoStudio 2000 will close.

You have now confirmed the scanner operation.

You should now be ready to explore the possibilities of the bundled software.

For details about the bundled software, read the Product Guide or user's guide for each software program contained on the CanoScan Setup Utility CD-ROM as PDF manuals.

If the scanner does not perform as described above, read the [Troubleshooting] section of the CanoScan Setup Utility CD-ROM.

Specifications

CanoScan D646U		
Scanner Type	Flatbed	
Scanning Element	3 line color CCD	
Light Source	Cold cathode fluorescent lamp	
Optical Resolution	600 x 1200 dpi	
Selectable Resolution	25 - 9600 dpi (ScanGear CS-U, Canon Plug-in Module CS-U)	
Scanning Bit Depth	Color	14 bit input / 8 bit output for each color (RGB)
	Grayscale	14 bit input / 8 bit output
Scanning Speed* ¹	Color	17.1 msec/line (600 dpi)
	Grayscale	11.8 msec/line (600 dpi)
	B&W	11.8 msec/line (600 dpi)
Preview Speed	15 sec (approx.)	
Interface	USB 1.1	
Maximum Media Size	A4/Letter, 216 x 297 mm (8.5 x 11.7 in.)	
Operating Range	Temperature	10° to 35° C (50° to 95° F)
	Humidity	10% to 90% RH (without condensation formation)
Power Requirements	AC Adapter (100 / 120 / 230 / 240 V)* ²	
Power Consumption	In operation 14 watts maximum, stand-by: 4 watts	
Maximum Exterior Dimensions	258 x 431 x 61 mm (10.1 x 17.0 x 2.4 in.)	
Weight	Approximately 2 kg (4.4 lbs.)	

*¹ Transfer time to computer is not included.

*² Type of AC adapter depends on the area where the scanner is purchased.

- Specifications are subject to change without notice.

