



Scanner User's Guide



European, US, and Canadian Regulatory Statements

This equipment has been tested and found to comply with the limits of the European Council Directive on the approximation of the member states relating to electromagnetic compatibility according to EN 55022/55024 Part 15 B

FC This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. These limits are designed to provide reasonable protection against harmful interference in a residential installation and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

For Shipment in Canada: This device complies with RSS-210 of Industry Canada.

- Operation is subject to the following two conditions:
- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of this device.

Ce dispositif est conforme aux normes CNR-210 d'Industrie Canada.

L'utilisation de ce dispositif est autorisée seulement aux conditions suivantes :

- (1) il ne doit pas produire de brouillage et
- (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

Caution: Exposure to Radio Frequency Radiation

The installer of this equipment must ensure that the antenna is located or pointed such that it does not emit an RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website at www.hc-sc.gc.ca/rpb.

Trademarks

Adobe[®] and the Adobe logo, Acrobat[®], Photoshop[®] and Reader[®] are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

Brother® is a registered trademark of Brother Industries, Ltd.

DSmobile[®] is a registered trademark of Brother Mobile Solutions, Inc.

Apple®, Macintosh®, Mac®, the Mac logo, Mac OS®, Leopard®, Panther® and Tiger® are trademarks of Apple Inc.,

registered in the U.S. and other countries.

PageManager® is a registered trademark of NewSoft America, Inc.

Post-It[®] is a registered trademark of 3M Company.

Windex[®] is a registered trademark of S.C. Johnson Company.

Microsoft[®], Windows[®] and the Windows logo are trademarks of Microsoft Corporation in the United States and other countries. Windows Vista[®] is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. The official name for Windows is the Microsoft Windows Operating System. Wite-Out[®] is a registered trademark of Wite-Out Products, Inc.

Revision History

11/2006 Initial Release

9/2007 Update with Windows Vista

4/2008 Changed DSmobileSCAN to DSmobileSCAN II, changed desktop icons, updated references to Adobe Reader 11/08 Updated with Brother Mobile Solutions information, Canadian regulatory information, and added OS X driver and Vista 64-bit driver.

© 2006-2009 Brother Mobile Solutions, Inc.

P/N 206704-003



European, US, and Canadian Regulatory Statements	
What's Included with This Package	
Welcome - Introduction to Your DSmobile 600 Scanner	
Windows Operation	
Installing Software	
Driver Installation	
DSmobileSCAN II Installation	
View, Print, Save User's Guide	
Adobe Reader 8.1.2 Installation	
PageManager 7 Installation	
Un-Installing Software	
Installing Hardware	
Calibration	
Using Your Scanner	
Setting a Default Program	
Changing Programs	
Mac OS X Operation	
Installing Software	
Setting Administrator Privileges	
Uninstalling Software	
Installing Hardware	
Calibration	
General Guidelines	
Calibrating Your DSmobile 600 Using Image Capture	
Leopard Mac OS X v10.5	
Tiger Mac OS X v10.4	
Panther Mac OS X v10.3	
Using Your Scanner	
TWAIN for Apple Mac OS X	
Using Scanning Software	
DSmobileSCAN II (Windows Only)	
Using DSmobileSCAN II as Your Default	
A Note About Document Names	
Using the DSmobileSCAN II Icon on Your Desktop	
TWAIN (For Windows)	
PageManager 7 (For Windows)	
Initial Setup with PageManager 7	
Selecting a Scanning Source	
Performing Scanner Calibration	
Tips & Cautions	•••••
Technical Support	

٠	٠	٠	
1	1	1	
I	1	L	
_	-	_	

What's Included with This Package



iv

Welcome – Introduction to Your DSmobile[®] Scanner......

Congratulations on purchasing a DSmobile 600 document scanner!

We have designed this product to provide you with a simple but effective tool to capture, manage, and archive documents of many types. We encourage you to read this *User's Guide* carefully.

Your DSmobile 600 scanner Installation CD provides Windows[®] and Windows Vista[®] 32-bit and 64-bit drivers, certified by Microsoft[®]. They have been tested with Windows 2000 (SP4) and Windows XP (SP2) operating systems. The Windows Vista driver works with the Windows Vista 32-bit and 64-bit operating systems. This product features a TWAIN 1.9 compatible driver that will work with any of your TWAIN-compliant imaging applications. This TWAIN driver is <u>automatically</u> installed for the DSmobile 600 when you load the Windows or Windows Vista drivers. If you experience any difficulty with any of these drivers, please check our website <u>http://www.brothermobilesolutions.com</u> to verify that you are using the latest version.

For your convenience, a version of PageManager[®] for Windows software is included on the Installation CD. This software program allows you to scan and organize your digital files with the ability to view, edit, send, and save them. It will also output various selectable file formats. Note that DSmobileSCAN II software outputs Adobe[®] PDF files as well as .JPG and .TIF files. At the end of the software installation process, you can install PageManager software by navigating to the CD root directory, finding the PageManager 7 folder, and double-clicking on the "setup.exe" file. Please follow the on-screen instructions. For help with how to use this software, please use the help facility within PageManager.

Scanning using Apple[®] Mac OS[®] X is supported by a Mac[®] TWAIN driver using the "Image Capture" software provided on the Macintosh[®]. This driver is included in the software CD for Windows and Windows Vista but must be manually installed. You can also download the DSmobile 600 Mac OS X driver from <u>http://www.brothermobilesolutions.com</u>.

- 1 -

Windows Operation

FOR BEST RESULTS, PLEASE INSTALL THE SOFTWARE FROM THE INCLUDED INSTALLATION CD PROVIDED **BEFORE** PLUGGING IN YOUR SCANNER.

Note: As a precaution, a RED warning label has been placed on the USB cable to remind you to install the Installation CD first. Please remove this warning label prior to plugging in the scanner cable after you have installed the software.

INSTALLING SOFTWARE

Driver Installation

1. Insert the Installation CD that came with your DSmobile 600 scanner into your computer. The installation program should begin automatically and the following screen displayed. Click on "Install Scanner Driver."

DSmobile 600	
Install Scanner Driver	
Install DSmobileSCAN II	
View/Print the PDF User Guide	
Install Adobe Reader 8.1.2	
English	Exit

The following screen will be displayed.



- 2 -

- If the installation does not start automatically, please double-click the MY COMPUTER icon on your Windows desktop, and then double-click the CD icon. If this installation program does not begin, then double-click the SETUP.EXE icon.
- Note: If using Windows Vista, when the Autoplay window is displayed (see below), choose "Run setup.exe". When the User Account Control window is displayed, choose "allow".



2. Read the End User License Agreement, click the acceptance box, and click "Next".

Please read the following license agreement carefully	0
rices reading rollowing increase agreement care any	
Driver End User License Agreement	^
Article 1: License	
(1) You are granted the license to in:	stall this
Driver on your own computer.	
(2) You may make one backup copy of the floppy disk, hard disk, or other mediu	he Driver on a
rioppy disk, nard disk, or other medi	
(3) All copyrights to this Driver and	all other
(3) All copyrights to this Driver and incidental rights shall revert to Brot	all other ther.Your
(3) All copyrights to this Driver and incidental rights shall revert to Brot rights to use this driver are limited overcently graphed to now under this D	all other ther.Your to those
(3) All copyrights to this Driver and incidental rights shall revert to Brot rights to use this driver are limited expressly granted to you under this Driver	all other ther.Your to those river EULA.
(3) All copyrights to this Driver and incidental rights shall revert to Brot rights to use this driver are limited expressly granted to you under this Dr I accept the terms in the License Agreement	all other ther.Your to those river EULA.
(3) All copyrights to this Driver and incidental rights shall revert to Brot rights to use this driver are limited expressly granted to you under this Dr I accept the terms in the License Agreement	all other ther.Your to those river EUL&.

- 3 -

3. Select "Complete" (recommended) or "Custom" and then click "Next".



4. The following screen will be displayed. Click "Install".





5. When the driver has been installed, the following screen will be displayed. Connect your scanner to a USB port, and click "Next". Follow the recommended choices for the New Hardware Wizard.

i DSmobile 600 Setup	
Scanner Connection Connect your scanner at the end of installation.	Ð
After this installation program finishes, you can connect your scanner. If it is already connected, unplug it for 5 seconds and plug it in again. If the New Hardware Wizard appears when you connect your scanner, then follow the recommended choices. Remember to calibrate your scanner before using it.	
Back Next	Cancel

6. Click "Next" and "Finish".

7. The installation screen will re-appear and you will now have three choices:

- Install DSmobileSCAN II
- View/Print the PDF User Guide
- Install the Adobe Reader 8.1.2

DSmobileSCAN II Installation

- 1. Click on Install DSmobileSCAN II.
- 2. Click "Next".
- 3. Select the box labeled, "I accept . . .", and then click "Next".
- 4. Click "Next".
- 5. Click "Install".
- 6. Click "Finish".
- 7. This installation will place a DSmobileSCAN II icon on your Windows desktop from which you can launch the application whenever needed.

Viewing, Printing, Saving the User's Guide

 Click on View/Print the PDF User's Guide. This will launch Adobe Reader[®] and display the first page of the User's Guide. If this does not happen, you must install

- 5 -

Adobe Reader software as in the next section.

- 2. From the display of the User's Guide, you can view the document, or save or print the document by selecting those options under the File menu.
- 3. Close the Adobe Reader window when you are finished.

Adobe Reader 8.1.2 Installation

If you do not already have Adobe Reader 8.1.2 installed, you should select the "Install Adobe Reader 8.1.2" button before you click "View/Print the PDF User Guide." You may then print the User's Guide after installing the Adobe Reader for your future reference.

If you choose to install Adobe Reader 8.1.2, you will see the screen below. Please follow the instructions to install the software.

ট Adobe Reader 8,1,2 - Setup	×
Å.	
Destination Folder Click Next to install to this folder, or click Change to install to a different folder.	
Install Adobe Reader 8.1.2 to: C:\Program Files\Adobe\Reader 8.0\	
WARNING: This program is protected by copyright law and international treaties.	
Install5hieldChange Destination Folder Next > Cancel	

PageManager 7 Installation

At this point you may install the PageManager 7 software. Please browse to the CD root directory and find the PageManager 7 folder. Double click to open the folder and click on the "setup.exe" file. Follow the on-screen instructions to install PageManager 7.





Note: After you have completed all software installations, we strongly recommend that you remove the CD and restart your computer even though you are not requested by Windows to do so.

- 7 -

UN-INSTALLING SOFTWARE

If you should need to un-install the driver software later, you simply insert the original installation CD and run the setup again. At this time you will be given three options. Select the REMOVE option, click NEXT, and then click REMOVE. All previously installed DSmobile 600 software will be removed from your computer with the exception of the Adobe Reader 8.1.2.

🔂 DSmobile 600 - InstallShield Wizard	🖟 DSmobile 600 - InstallShield Wizard
Program Maintenance Modify, repair, or remove the program.	Remove the Program You have chosen to remove the program from your system.
Modify Change which program features are installed. This option displays the Custom Selection dialog in which you can change the way features are installed.	Click Remove to remove DSmobile 600 from your computer. After removal, this program will no longer be available for use. If you want to review or change any settings, click Back.
Repair Repair installation errors in the program. This option fixes missing or corrupt files, shortcuts, and registry entries.	
Remove Remove DSmobile 600 from your computer.	
InstallShield	InstaliShield Cancel

If you should need to un-install Windows scanning software (DSmobileSCAN II or PageManager), select Start, Control Panel, and then Add or Remove Programs to delete the desired software.

- 8 -

INSTALLING HARDWARE

Do not connect the scanner to your computer until instructed to do so by the driver installation <u>software</u>. When instructed to do so, connect the scanner cable as shown below and follow the instructions.

<u>After</u> you have installed the software (Steps 1-4, p. 2-4), Step 5 will instruct you to install your scanner. You may also follow the steps below if the software has already been installed. Otherwise, proceed to Calibration.

1. Connect the USB cable to the scanner and to a USB port on your computer as shown below (either to a desktop or laptop computer). If necessary, please check your computer's user guide to identify the USB ports available and their locations.



 The computer will automatically detect a new hardware device and MAY, during the initial installation, advise you to follow the Hardware Wizard installation (see below). If the Hardware Installation Wizard screen is <u>not</u> displayed, go to Step 4.







Note: If using Windows Vista, the following message is displayed. You can then skip to Step 4.



- 3. Follow the step-by-step Wizard instructions and finish your hardware installation.
- 4. When you finish your Hardware Wizard Installation, the computer will automatically detect the new hardware device installed and it will be ready for use.





CALIBRATION

Note: Calibration is critical because it allows the image quality to be "balanced" for your computer and scanner combination. If you switch the computer that you use with your scanner or change scanners, you must calibrate again.

Calibration can be performed on any TWAIN or WIA-compliant application. The DSmobileSCAN II is such an application.

1. To open the DSmobileSCAN II application, you can either double-click the



DSmobileSCAN II shortcut icon on your desktop

or the "Taskbar tray" icon usually in the lower right-hand corner of the Windows Desktop or you can press the button on the top of the scanner.



2. Once you have launched DSmobileSCAN II (or any TWAIN/WIA application), select the SCAN button and the step-by-step calibration instructions will appear in a succession of prompts.

Calibrati	ion Page 🛛 🔀	Calibrat	tion Page 🛛 🔀
Þ	In order to scan the scanner must first be calibrated.	(Calibration was successful
	Please insert the calibration paper provided (or a bright white sheet of paper), and press the Calibrate button.		calbradon was succession.
	Cancel Calibrate		ОК

This calibration process uses the special black and white calibration sheet (see picture on page iv) that was included with your scanner (Visit http://www.brothermobilesolutions.com to order additional calibration sheets and cleaning kits). When calibrating, make sure the side with the black bar is facing down and note the direction of the arrows for proper insertion.

When the calibration process has been completed successfully, you will see the message above; otherwise you will need to re-calibrate again.

- If you switch scanners or your image quality has become unsatisfactory, you can re-calibrate your scanner by choosing the CUSTOM button in the DSmobileSCAN II window and select the Calibrate button.
- If you lose or forget the black and white calibration paper that was included with your scanner, you can use any plain "White" (the brighter the "White" the better) piece of

- 11 -

letter size (or A4) printer paper to perform the calibration. Simply fold the paper in half and insert the end opposite the fold into the scanner first when calibrating. The following message will be displayed (see below).



- 12 -

USING YOUR SCANNER

<u>Please insert documents face down</u>. When using a Windows scanning application, always press the button on top of the scanner to initiate a scanning program.

The following window will appear when you press the button on the top of the scanner. A double click on any of the programs will initiate that program.



- 13 -

SETTING A DEFAULT PROGRAM

To choose a default scanning program, just highlight the program name, click on "Always use this program for this action" and then click on "OK". The program will subsequently automatically launch when you press the button on the top of the scanner to initiate a scan.

Note: When using Windows Vista, when you press the button on the top of the scanner, the 'choose which program to use' box does <u>not</u> include the option 'Always use this program for this action.' If you wish to set it, use the steps in "Changing Programs" below and instead of selecting 'prompt for which program to run," choose 'start this program' and select DSmobileSCAN II.



- 14 -

CHANGING PROGRAMS

To cancel a default program, on the Windows desktop:

- 1. Select Start: Control Panel: Scanners and Cameras (In Category View, select Printers and other Hardware: Scanners and Cameras).
- 2. Right click on the scanner icon, select Properties, and then select Events.
- 3. Click on "Prompt for which program to run."
- 4. Click Apply and then OK, then Exit the Control Panel.

Note: When using Windows Vista, in the 'changing programs' instructions, do not right click on the scanner and choose properties. Highlight the scanner as shown below and then press the properties button.

Scanners and	I Cameras			
2 DSmobile				
600				
Pofrach	Add Device	Scan Profiles	Properties	
Tenesu				

- 15 -



Note that there is no 'apply' button on this properties screen, so you must press 'OK.'

After this process, the "Select the program to launch for this action" (shown above) will display when the button on the top of the scanner is pressed to initiate a program.

- 16 -

Mac OS X Operation

FOR BEST RESULTS, PLEASE INSTALL THE SOFTWARE FROM THE INCLUDED INSTALLATION CD PROVIDED **BEFORE** PLUGGING IN YOUR SCANNER.

Note: As a precaution, a RED warning label has been placed on the USB cable to remind you to install the Installation CD first. Please remove this warning label prior to plugging in the scanner cable after you have installed the software.

INSTALLING SOFTWARE

Insert the Installation CD that came with your DSmobile 600 scanner into your Mac computer and follow the steps below.

- 1. Make sure your Macintosh system software is Mac OS X v10.3 or higher and that your application software works native and not in emulation of lower system software versions.
- 2. Do <u>not</u> connect the DSmobile 600 scanner to your Macintosh until after the driver installation.
- 3. We recommend that the first installation and calibration should be done using an Administrator account. (See "Setting Administrator Privileges" below)
- 4. Browse the Installation CD to find and open the DSmobile 600 Mac TWAIN.dmg file.
- 5. Double click on the DSmobile 600 driver icon.
- 6. Click on "Continue".
- 7. Select the disk for the installation or click "Continue".
- 8. Click "Install".
- 9. Close other application software and then click "Continue Installation".
- 10. When the installation is complete, click "Restart".
- 11. Connect your DSmobile 600 scanner to a Macintosh USB port.
- 12. Start your TWAIN-compliant application software. The Macintosh is supplied with "Image Capture" software but you may use other TWAIN-compliant software. Refer to "Using Your Mac OS X Scanning Software", p. 21 for instructions on calibrating with" Image Capture."
- 13. Under "Import," select "DSmobile 600".
- 14. Follow the on-screen instructions for calibration and scanning.
- 15. Note that when using the DSmobile 600 on a Macintosh, the scan button on the top of the scanner does not start scanning software or cause the display of a list of scanning applications like it does on a PC.

- 17 -

SETTING ADMINISTRATOR PRIVILEGES

If installation or calibration is not working on your Macintosh system, the solution may be in the privileges. When initially set up, you are given administrator privileges which should allow you to install the DSmobile software and complete the calibration. If, however, your system is set up such that you do not have administrator privileges or the privileges have somehow become corrupt, the installation and calibration may not be possible. To correct this problem, do the following:

- 1. Mouse over the Apple in the upper left corner of the desktop and select System Preferences.
- 2. Select System and then Accounts.
- 3. The left pane of the window will list the current accounts, one of which should be your user name with the word "Admin" underneath.
- 4. If this is <u>not</u> the case, contact your system administrator to have the privileges changed so you can install software and calibrate the scanner.

UN-INSTALLING SOFTWARE

If you need to remove any of this software from your Macintosh system, you may either use the original installation disk and choose "Uninstall" or you can drag the software out of the Applications folder to the trash can.

INSTALLING HARDWARE

Installing hardware is as simple as finding an unused USB port on your Macintosh and inserting the scanner cable's USB plug into the socket.

- 18 -

CALIBRATION

Calibration is critical because it allows the image quality to be "balanced" for your computer and scanner combination. If you switch the computer that you use with your scanner or change scanners, you must calibrate again.

Note that you must be logged in as an Administrator to calibrate the system. See "Setting Administrator Privileges" p. 17 for further information.

This calibration process uses the special black and white calibration sheet (see picture on page iv) that was included with your scanner (Visit <u>http://www.brothermobilesolutions.com</u> to order additional calibration sheets and cleaning kits). When calibrating, make sure the side with the black bar is facing down and note the direction of the arrows for proper insertion.

If you lose or forget the black and white calibration paper that was included with your scanner, you can use any plain "White" (the brighter the "White" the better) piece of letter size (or A4) printer paper to perform the calibration. Simply fold the paper in half and insert the end opposite the fold into the scanner first when calibrating. The following message will be displayed (see below).

Calibrat	tion Page
į)	White-only calibration was successful. For better image quality calibrate again using the black and white calibration paper

General Guidelines

The "Image Capture" software provided on Macintosh systems does not require you to calibrate your system on first use as is the case with Windows systems. However, if you find that the initial scans do not look as good as you expected, perhaps they are too dark or the color is wrong, you will want to perform a manual calibration to correct and improve the scanned images.

- 1. Turn your Macintosh computer on.
- 2. Plug your DSmobile 600 scanner into an available USB port on the Macintosh.
- 3. Select "Image Capture" from the Applications folder.
- 4. Close the DSmobile 600 window (do not minimize it).
- 5. From the "Devices" menu, choose "Browse Devices."
- 6. Click the "Use TWAIN UI" button to the right of the "DSmobile 600" listing, and then close the window.
- 7. Click the "Scan" button.
- 8. Click the "Calibrate" button.
- 9. Insert the black and white calibration sheet with the single arrow on top and the black strip down. Alternatively, you can use a blank sheet of white paper.
- 10. Click the "Calibrate" button again.
- 11. The calibration sheet will move forward and back in the scanner then a window displaying "Calibration was successful" will be displayed.
- 12. Click "OK" to complete the calibration.
- 13. Select the type of document, scan size, resolution, and click "SCAN" to proceed to scan documents as needed.



Calibrating your DSmobile 600 Scanner using "Image Capture."

Calibration is a critical step in setting up your scanner. It allows the scanned color data to be "calibrated" to your computer and scanner combination for best image quality. If at any time you switch the computer that you use with your scanner or change scanners, you will need to calibrate again.

The following steps guide you through calibration of your DSmobile 600 scanner using the built-in "Image Capture" software on your Mac OS X along with the Brother driver and GUI. Note that once a calibration is performed, it does not need to be re-done if you use to another application on the same computer.

Leopard[®] (Mac OS X v10.5)

- 1. Install the DSmobile 600 scanner driver using the Installation CD and restart your computer.
- 2. Connect the scanner to your computer's USB port.
- 3. Open the Applications folder and run "Image Capture" (See Figure 1).

💼 Image Capture	File	Edit	View	Devices	Window	Help	0		Wed 11:23 AM	Q,
00				DS	mobile 600					
5 0	•	୍	. 1							
Rotate Left Rotate Right	Zeem In	Zoom	Dut Store	Tofit		_				
						Scan Mode	: [Doci	iment Feeder	4
						Document	E [S C	olor Photo	•
						Bit Depth	: [8 bit	5	\$
						Resolution	e f	300	t dpi	
						Scan Size	: [US le	tter	•
							E	Du	plex	
						Scan To Folder	. (ilan Pi	ictures	•
						Name	s [Scan		
						Format	t [TIFF		0
						Automatic Task	e (Sil P	review	٥
						Image Correction	. (Non	0	•
🥰 🎧 🚺	3	•		1	è 🚮 i		ć	3		2
	\sim	-	-	1000	an and	THE FORMER STREET	-	_	_	

Figure 1. Leopard Image Capture Window

- 4. Close the "DSmobile 600" window.
- 5. From the "Devices" menu, choose "Browse Devices" (See Figure 2).

Image Capture	File	Edit	View	Devices	Window	Help	
				Browse Devices #			
				DSmobile 600			

Figure 2. Leopard Device Selection Window

6. The "Image Capture Device Browser" window will appear (See Figure 3).

00	Image Capture D	Device Browser	
Device		▼ Kind Conner	ted Use TWAIN UI
▼Local Devices			
DSmobile 600		Ŷ	Use TWAIN UI
	,		
Sharing			
Jinaning			

Figure 3. Leopard Image Capture Device Browser Window

7. Click the "Use TWAIN UI" button to the right of "DSmobile 600" (See Figure 3).

8. Click the "Scan" button (See Figure 4).

- 21 -

00		DSmobile 600	
1	Download To:	Pictures	:
	Name:	Scan	
	Format:	JPEG	•
	Automatic Task:	Review	•
		Occurs after scanning	
Options			Scan

Figure 4. TWAIN Interface Window

9. Click the "Calibrate" button (See Figure 5).

	DSmobile 6	00
🔵 Black/White	🔘 Grayscale	💽 Color
Scan Size: Custor	n	\$
Resolution: 300	DPI	
Calibrate		Cancel Scan

Figure 5. Calibrate Button

10. Insert the black and white calibration paper (preferred) or a blank sheet of white paper.

11. Click the "Calibrate" button again (See Figure 6).

- 22 -

	DSmobile 600		
Calibrate	Please insert the black and white calibration paper into the scanner then press Calibrate.		
Clean	Please insert the cleaning paper then press the Clean button. A few drops of alcohol placed on the cleaning paper may help if the paper alone is not effective.		
	Cancel		

Figure 6. Initiating the Calibration Step

12. When the calibration scan is complete, click "OK" and then proceed to scan your documents (See Figure 5).

- 23 -

Tiger[®] (Mac OS X v10.4)

- 1. Install the DSmobile 600 scanner driver using the Installation CD and restart your computer.
- 2. Connect the scanner to your computer's USB port.
- 3. Open the "Applications" folder and run "Image Capture" (See Figure 7).



Figure 7. Tiger Image Capture Window

- 4. Close the "DSmobile 600" window.
- 5. From the "Devices" window, choose "Browse Devices" (See Figure 8).

- 24 -

Image Capture	File	Edit	View	Devices	Window	Help	
				Browse	Devices	ЖB	
				DSmob	ile 600		

Figure 8. Tiger Device Selection Window

6. The "Image Capture Devices" window will appear (See Figure 9).



Figure 9. Tiger Image Capture Device Browser Window

7. Click on "DSmobile 600".



8. Click on the "Use TWAIN software" checkbox at the bottom of the window (See Figure 10).

00	Image Captu	re Devices	
Name			Connected
Network device			
Remote Image Captu	ure devices		
TWAIN devices			
DSmobile 600			Yes

Figure 10. Use TWAIN Software Checkbox

- 9. Click "OK" in the "Image Capture Devices" window.
- 10. From the "Devices" menu, choose "DSmobile 600".
- 11. In the "DSmobile 600" window, click "Scan".
- 12. Click the "Calibrate" button.
- 13. Insert the black and white calibration paper or blank sheet of paper.
- 14. When the calibration scan is complete, click "OK" and then proceed to scan your documents.

- 26 -

Panther[®] (Mac OS X v10.3)

- 1. Install the DSmobile 600 scanner driver using the Installation CD and restart your computer.
- 2. Open the "Applications" folder and run "Image Capture".
- 3. From the "Image Capture": menu, choose "Preferences".
- 4. Click the "Scanner" tab at the top of the window.
- 5. Click the "Use TWAIN software whenever possible" checkbox.
- 6. Click "OK" and quit "Image Capture" to save changes.
- 7. Re-launch "Image Capture".
- 8. In the "DSmobile 600" window, click "Scan".
- 9. Click the "Calibrate" button.
- 10. Insert the black and white calibration paper or a blank sheet of paper.
- 11. When the calibration scan is complete, click "OK" and then proceed to scan your documents.

- 27 -

USING YOUR SCANNER

TWAIN for Apple Mac OS X

Apple provides a software product entitled "Image Capture" with Macintosh computers that is TWAIN compatible. A scanner driver for Mac OS X v10.3 or higher can be downloaded from the Installation CD. For further assistance, call Brother Technical Support at 1-800-543-6144 and press 4.

- 28 -

Using Scanning Software.....

DSmobileSCAN II (Windows Only)

This software will save all scans to an Adobe Acrobat PDF file, a JPEG, or a TIFF file. Note that only PDF format files can be saved as multiple pages. JPEG and TIFF files will be stored as separate files with index numbers added to the filename (except for the first page).

Using DSmobileSCAN II as Your Default

The advantage of using DSmobileSCAN II as your default is that as a default program it provides the ability to scan automatically. Pressing the button on top of the scanner once starts the DSmobileSCAN II software and pressing it again starts a document scan.

Scanner: DSmob	le 600	
Scanner Settings		
 Black/White 	Double-sided Scan	
🔘 Grayscale		
🔾 Color	Custom	
Paper Size: User C	ustom 🔽 Done	
Output File		
File Type: TIFF	Options	
Name of document:	DSmobileSCAN-%n.tif	
Store in folder:	C:\Documents and Settings\bthomas\Desktop\BillT	

This program gives the user the choice of selecting type of scan and paper size from the main menu (shown above) or pressing the "Custom" button to utilize the document manager control panel for more precise settings. Selecting the custom settings will put the program into a TWAIN driver (as defined on page 16) and takes you out of the actual DSmobileSCAN II software application.

If the Custom button is used, it cancels the automatic scan function. The user must choose the setting they wish to make custom, click on "OK" to put the program back to the scanning page, and then click on the green "Scan" button to scan the page.

If DSmobileSCAN II is <u>not</u> set as the default program, when the button on top of the scanner is pressed, a window will be displayed requiring you to choose a scanning software as shown in Using Your Scanner on page 8. Follow the scanning instructions for the scanning software you have chosen.

- 29 -

A Note about Document Names

You can use a suffix with file names to add either an index number or a date. If you append the filename with a "%n", the file name is appended with a sequential number beginning with 1 (if a previous file exists, the number is incremented to the next highest number). If you append the file name with a "%d", the file name is appended with a date in the form YY-MM-DD.

Using the DSmobileSCAN II Icon on Your Desktop



If you have chosen DSmobileSCAN II as your default scanning software, pressing the button on the top of the scanner after DSmobileSCAN II has been launched from the icon will start the scan process.

If you have <u>not</u> chosen DSmobileSCAN II as your default scanning software, pressing the button on the top of the scanner after DSmobileSCAN II has been launched from the icon will display the "select the program to launch for this action" window. You can now choose another program from the menu. Although the DSmobileSCAN window will show in the background, it will not interfere with the other scanning application you choose. To close the DSmobileSCAN II window, you must click on the delete "X" at the top of the DSmobileSCAN II screen. Closing the DSmobileSCAN II window will not interfere with your current software application.

If you want to use DSmobileSCAN II as your <u>default</u> scanning software, Brother recommends that you don't use the desktop icon, just press the button on the scanner, select DSmobileSCAN II, click on "Always use this program for this action," and click OK. From then on you can scan by pressing the button on the scanner <u>twice</u>.

TWAIN (FOR WINDOWS)

The TWAIN driver for the DSmobile 600 is automatically installed when the Installation CD installs the Windows drivers. This TWAIN driver defines communication and data structures between software applications on your PC and the DSmobile 600.

All software that appears in the "select the program to launch for this action" window (shown below) will be TWAIN and WIA-compliant software that is compatible with the DSmobile 600 scanner and allows scanning from that software program. Each program will initiate scanning differently. Please follow instruction according to the software program you are using.



If the software you have chosen uses the TWAIN interface instead of the application software interface, the TWAIN control panel (shown below) will appear. The TWAIN interface will allow you to control all the settings of the scanner. This type of "fine-adjustment" may be required for some of your document scanning needs.

Smobile 600	X
Pre-defined Setting Custom Settings Information Langu	1990 -
Black-White Gaycale Color Resolution(dp) 300 W Scan size: Letter size (8.5" x 11.0") W Filte: None W Invert image Invert image Detect end of page Bightness	In Quill 12, 13, 14, 19, 16, 17, 18 17 17 17 17 17 17 17 17 17 17
Paper sensor: Colbrate	OK Cancel

Please notice the Page Tabs at the top of the TWAIN control panel; they are: Pre-defined Setting, Custom Settings, Information, and Language. Take a moment to explore these Tabs and their functions.

- 31 -

PageManager[®]7 (For Windows)

This program makes it easy to scan, share, and organize your photos and documents. It helps you not only convert piles of paper into organized digitized files, but also lets you view, edit, send, and back-up files in many formats.

To install PageManager, browse to the CD root directory on the Installation CD, find the PageManager 7 folder, open it and double click on the setup.exe file. Follow the on-screen instructions. Refer to the "help" file included with this program for further use instructions.

Initial Setup with PageManager 7

NOTE: Calibration is a critical step in setting up your scanner. This process will balance the image quality between your computer and the scanner unit. If at any time you switch the scanner to another computer then you will need to reinstall the scanner driver and recalibrate the scanner.

Selecting Scanning Source

- a) When using Presto! PageManager 7 for the first time you will need to define the <u>Scanning Source</u> this application will be using. This also applies when switching to another scanner.
- b) Run the PageManger7 application and select <u>file</u> in the toolbar menu.
- c) Under <u>file</u> pull-down menu choose the <u>Select Source</u> option, then your model.



- 32 -

Performing Scanner Calibration

a) To calibrate your scanner select the <u>acquire image data</u> icon (scanner and camera icon) under the toolbar menu. (see Fig. 1)

	Pre-defined Setting Custom Settings Information Language
	⊙ Back/White ⊖ Grayscale ⊖ Color n 0 1 2 13 4 5 6 7 7
	Resolutionidas) 300 w 1
	Scan size: Letter size (8.5" x 11.0") w 2
Resto! PageManager	Filer: None w J
	Detect end of page 4-
File Edit View Tools Help	Bigtowes
	Contrast
	Game 18 24
	Hgtigt 7 255
	Outry 7 0 10
	Read 11
Peskton	12
Second p	Income score 1 01 MB
🚊 🛗 My Documents	Free dak space: 7.79 GB ③ Range ③ Zoon +/- Preview
Bluetooth Exchange Folder	Paper sensor: @ Calbrate Scan Cancel
<u> </u>	
Fig. 1	Fig. 2

- a) The TWAIN user interface screen will appear (see Fig. 2).
- b) Insert the calibration sheet with the printed arrow end first.
- c) Make sure the black bar side is inserted facing down then select the <u>Calibration</u> button.
- NOTE: When the image quality has become unsatisfactory, we recommend you clean the scanner with the included cleaning sheet (see Tips & Cautions page) and then recalibrate the scanner. If you lose or forget the calibration sheet when traveling, use any plain "white" piece of printer paper to perform the calibration. The following message will appear (see below). Select "OK" and proceed to scanning.

Calibrat	ion Page
į)	White-only calibration was successful. For better image quality calibrate again using the black and white calibration paper.

Tips & Cautions

The DSmobile 600 scanner can provide long and productive service. We encourage you to follow the suggestions below to improve the convenience and quality of your scanning and document management experience.

- O Please do not insert stapled items into the DSmobile 600.
- B Please do not insert documents that have Wite-Out[®] that is chipped or wet.
- Please do not insert documents with any type of adhesive material, even POST-IT[®] notes.



Staples

Wite out

Adhesives

- Observe the leading edge of your document is very straight (not wrinkled or having folded corners) and is inserted level with the intake slot.
- Clean the scanner with the included cleaning sheet and 70% isopropyl alcohol (not included). Place a few drops of the alcohol in the middle of the cleaning sheet then go to the Calibrate Menu and select "CLEAN."
 Your scanner will externationally pass the cleaning sheet over the internal image.

Your scanner will automatically pass the cleaning sheet over the internal image sensor to clean it.

Occument sleeves can be easily cleaned with a clean cloth and a Windex[®] type liquid glass cleaner. This will effectively remove finger prints, smudges and roller marks from the sleeve.

- 34 -

Technical Support

FREE INFORMATION BY E-MAIL & WEB

Visit our Web site at <u>http://www.brothermobilesolutions.com</u>. Click the "DSmobile Scanners" section where you can access:

- Features, Specifications, and Compatibility (Windows & Mac)
- FAQs

•

- Warranty information
- Brochures
- Manuals
- Product Software download information.

TECHNICAL SUPPORT

Brother Mobile Solutions recommend that you go to <u>http://www.brothermobilesolutions.com</u>, click on "Contact us", and use either the web contact form or an e-mail to send your question to Technical Support at <u>info@brother.com</u>. Either method will send your request immediately to technical support personnel.

Telephone Contact 1-800-543-6144

Telephone support calls will usually be responded to within 1 business day; however we strongly suggest that you make contact via e-mail first, provide an explanation of the problem you are experiencing, and a call back number if it is necessary for us to speak to you directly.

See the complete warranty statement below.

Summary Statement of Limited Warranty for the United States and Canada:

Product – DSmobile 600 Document Scanner Warranty Period – 1 year

The manufacturer warrants that each DSmobile 600 is free from defects in materials and workmanship and conforms to the manufacturer's published specifications for a period of one (1) year. The warranty period commences on the date of purchase, as evidenced by the original sales receipt.

Extent of Warranty:

The warranty does not cover the repair or exchange of scanners resulting from misuse, accident, modification, unsuitable physical or operating environment, improper maintenance or failure caused by a product for which the manufacturer is not responsible. The warranty is voided by removal or alteration of scanner parts or identification labels.

Items not covered by the warranty:

Host computer operating systems, application programs not provided by Brother Mobile Solutions.

Warranty questions?

Please contact Brother Mobile Solutions Technical Support 1-800-543-6144 or mobilesolutionsinfo@Brother.com.

Brother One Year Limited Warranty (USA and Canada Only)

Who is covered:

- This limited warranty ("warranty") is given only to the original end-user/retail purchaser (referred to in this warranty as "Original Purchaser") of the accompanying Product, consumables, and accessories (collectively referred to in this warranty as "this Product").
- If you purchased a Product from someone other than an authorized Brother® reseller in the United States and Canada or if the Product was used prior to your purchase, you are not the Original Purchaser and the Product that you purchased is not covered by this warranty.

What is covered:

- This Product includes the Product and may include Consumable and Accessory Items. Accessory items include, but are not limited to USB cable, AC adaptor, and photo sleeves. Consumables Items include but are not limited to BMS paper and battery.
- Except as otherwise provided herein, Brother warrants that the Product and the accompanying Consumable and Accessory items will be free from defects in materials and workmanship, when used under normal conditions.

 This warranty applies only to Products purchased and used in the United States and Canada. For Products purchased in, but used outside, the United States and Canada, this warranty covers only warranty service within the United States and Canada.

What is the length of the Warranty Periods:

- Products and Accompanying Accessory Items: one year from the original purchase date.
- Accompanying Consumable Items: 90 days from the original purchase date or the rated life of the consumable, whichever comes first.

What is NOT covered:

This warranty does not cover:

 Physical damage to this Product;
 Damage caused by improper installation, improper or abnormal use, misuse, neglect or accident (including but not limited to shipping this Product without the proper preparation and/or packaging);
 Demographic accident dovice or optimized

3) Damage caused by another device or software used with this Product (including but not limited to damage resulting from use of non Brother-brand parts and Consumable and Accessory items);

- 36 -

4) Consumable and Accessory items that expired in accordance with a rated life; 5) Problems arising from other than defects in materials or workmanship.

This limited warranty is VOID if this Product has been altered or modified in any way (including but not limited to attempted warranty repair without authorization from Brother and/or alteration/removal

of the serial number.) What to do if you think your Product is eligible for warranty service:

Report your issue to our Customer Service Hotline at 1-800-543-6144 or

mobilesolutionsinfo@Brother.com within the applicable warranty period, or in Canada, contact your local supplier. Supply Brother or the local supplier in Canada with a copy of your dated bill of sale showing that this Product was purchased within the United States or Canada.

What Brother will ask you to do:

In the U.S., after contacting Brother, you will be required to send the Product properly packaged, freight prepaid, to Brother together with a photocopy of your bill of sale. Brother will provide a Return Authorization Number (i.e. RA#) that must be written on the outside of the carton that contains your Product and instructions to where you should return your Product. You are responsible for the cost of shipping, packing the Product, and insurance (if you desire). You are also responsible for loss or damage to this Product in shipping.

In Canada, you will be required to contact the local supplier and, if instructed by the local supplier to deliver the Product to the local supplier. The Product will be evaluated to determine whether a defect exists, and if it does exist, the local supplier will decide whether to repair or replace the Product and/or accompanying Consumable and Accessory Items in its sole discretion.

What Brother will do:

What Brother will do: If the problem reported concerning your Product and/or accompanying Consumable and Accessory Items is covered by this warranty and if you first reported the problem within the applicable warranty period, Brother will repair or replace the Product and/or accompanying Consumable and Accessory items at no charge to you for parts or labor. The decision as to whether to repair or replace the decision as to whether to repair or replace the Product and/or accompanying Consumable and Accessory Items is made by Brother in its sole discretion. Brother reserves the right to supply a refurbished or remanufactured replacement Product and/or accompanying Consumable and Accessory Item and use refurbished parts provided such replacement Product conforms to the manufacturer's specifications for new Product/Parts. The repaired or replacement Product and/or accompanying Consumable and Accessory Items will be returned to you freight prepaid.

If the Product and/or accompanying Consumable and Accessory items are not covered by this warranty (either stage), you will be charged for shipping the Product and/or accompanying Consumable and Accessory Items back to you and charged for any service and/or replacement parts/Product at Brother's then current rates.

Identification: Brother shall be allowed to place identification marks on equipment covered and repaired under this agreement.

Limitations:

Brother is not responsible for damage to or loss of any equipment, media, programs, or data related to the use of this Product. Except for the repair or replacement as described above, <u>Brother shall not</u> be liable for any direct, indirect, incidental, or consequential damages or specific relief. Because some states do not allow the exclusion or limitation of consequential or incidental damages, the above limitation may not apply to you.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, WHETHER EXPRESSED BY AFFIRMATION, PROMISE, DESCRIPTION, DRAWING, MODEL, OR SAMPLE. ANY AND ALL WARRANTIES OTHER THAN THIS ONE, WHETHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCI AIMED DISCLAIMED.

- This Limited Warranty is the only warranty that Brother is giving for this Product. It is the final expression and the exclusive and only statement of Brother's obligations to you. It replaces all other agreements and understandings that you may have with Brother or its representatives.
- This warranty gives you certain rights and you may also have other rights that may vary from state to state.
- This Limited Warranty (and Brother's obligation to you) may not be changed in any way unless you and Brother sign the same piece of paper in which we (1) refer to this Product and your bill of sale date, (2) describe the change to this warranty and (3) agree to make that change.

Important: We recommend that you keep all original packaging materials, in the event that you ship this Product.

Brother Mobile Solutions, Inc. 100 Technology Drive, Suite 250A Broomfield, Colorado 80021

303-460-1600 (1-800-543-6144)

For Updated Drivers and User Guides: <u>http://www.brothermobilesolutions.com</u>

38