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S2000w Series Scanner Firmware Release Notes

Firmware Version 210503 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w as a general maintenance release.

Date: May 26, 2021

Recommended Host Driver Version:
S2000 Driver Installation Disk Version: 5.2

Firmware Update Process:

Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed

1) Have scanner and computer connected to network
2) Open a web browser and enter the IP address of the scanner.
3) Click on the support tab in the web page that starts
4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-210503.rootfs.tar.sig file.
6) Click on the start firmware update button
7) Wait for firmware update to complete

Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_210503_Firmware.exe.
1) Execute the EXE (To update the firmware silently, use a "-s" switch when executing the exe)
2) The firmware will be downloaded to the scanner using the drivers on the host computer
3) Wait for the firmware update to complete.

Embedded Firmware subsystems

Name	Versions
FPGA Version:	1B.0.0 (Original Main Board)
	52.0.0 (Updated Main Board)
Platform Version:	210503

New Features for Firmware 210503:

1. None

Improvements for Firmware 210503:

1. SAGE-742 – Fixed - Documents not cropped properly when multiple document cropping is enabled when scanning with Legal Size Flatbed.
2. SAGE-1247 – Fixed - Edge Fill with tears on a Dog-Ear Corner leaving a bar image artifacts
3. SAGE-1296 – Fixed - Image Processing Failed with Blank Page deletion and carrier sheet folded document is used
4. SAGE-1309 – Fixed - Multifeed set to Stop Scanning and Jam set to Pause scanning can result in Critical Error
5. SAGE-1369 – Fixed - Sheet counter is not incrementing when scans are performed from the Passport Flatbed scanner.
6. SAGE-1428 – Fixed – Mechanical Calibration Fails but SVT UI message reports Pass
7. SAGE-1531 – Fixed - A3 flatbed camera travel distance is off by a factor of 2 resulting in maximum document length setting in the driver not being used correctly.

S2000w Series Scanner Firmware Release Notes

8. SAGE-1582 – Changed: Disable Arabic for Auto Page Orientation (AO) in all S2000 Default configuration, Arabic AO can sometime improperly auto rotate handwritten documents in Latin based languages. If Arabic language AO is required, contact Kodak Alaris service and support
9. SAGE-1711 – Fixed - Critical Errors caused when a Jam occurs with Cropping Mode set to Aggressive Cropping
10. SAGE- 2081 – Fixed - When Czech language selected on scanner OCP, current 'Language' setting displays as 'Angličtina' (English) not 'Čeština' (Czech).
11. SAGE-2201 – Fixed – A blank images intermittently occurs when using ECDO with Auto Color Detect..
12. SAGE-2250 – Fixed - Binarization Interior Edge Artifact When Image Edge Fill FIXED "White" is Selected
13. SAGE-2257 – Fixed – OCP Firmware sometimes crashed when saving logs

Known Issues:

1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.
2. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
3. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

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S2000w Series Scanner Firmware Release Notes

Firmware Version 210301 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w for a scanner hardware (Main Board) change, the firmware supports both version of hardware configurations.

Date: March 2, 2021

Recommended Host Driver Version:
    S2000 Driver Installation Disk Version: 4.3

Firmware Update Process:
    Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
    1) Have scanner and computer connected to network
    2) Open a web browser and enter the IP address of the scanner.
    3) Click on the support tab in the web page that starts
    4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
    5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-210301.rootfs.tar.sig file.
    6) Click on the start firmware update button
    7) Wait for firmware update to complete

    Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_210301_Firmware.exe.
    1) Execute the EXE (To update the firmware silently, use a "-s" switch when executing the exe)
    2) The firmware will be downloaded to the scanner using the drivers on the host computer
    3) Wait for the firmware update to complete.

Embedded Firmware subsystems

Name	Versions
FPGA Version:	1B.0.0 (Original Main Board)
	52.0.0 (Updated Main Board)
Platform Version:	210301

New Features for Firmware 210301:

2. Czech language support added to the OCP
3. Support both original and updated hardware configurations
    a. There are no functional differences between the hardware configuration changes and V210301 supports both configurations.

Improvements for Firmware 210301:
    14. none

Known Issues:
4. SAGE-2081 - When Czech language selected on scanner the current 'Language' setting displays as 'Angličtina' (English) not 'Čeština' (Czech).
5. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.

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S2000w Series Scanner Firmware Release Notes

6. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
7. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

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S2000w Series Scanner Firmware Release Notes

Firmware Version 200502 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w as a general release

Date: May 6, 2020

Recommended Host Driver Version:
S2000w Driver Installation Disk Version: 4.3

Firmware Update Process:
Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
1) Have scanner and computer connected to network
2) Open a web browser and enter the IP address of the scanner.
3) Click on the support tab in the web page that starts
4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-200502.rootfs.tar.sig file.
6) Click on the start firmware update button
7) Wait for firmware update to complete

Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_2000502_Firmware.exe.
1) Execute the EXE (To update the firmware silently, use a "-s" switch when executing the exe)
2) The firmware will be downloaded to the scanner using the drivers on the host computer
3) Wait for the firmware update to complete

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	19.0.0
* IPC Version:	200502 Release (IpcApp)
* SMC Version:	00000b SMC Dev Feb 13 2020 12:18:36
* SPC Version:	190201 Release (Spc0)
* DSP Version:	06072400
* DSP Build:	5cb7a608
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	200502
* Firmware UID:	63cf5e63bfca24fe35de50a812218606

New Features for Firmware 200502

1. Updates for Branding change from Alaris to Kodak
   a. Splash screen graphic
   b. Ready screen graphic
   c. USB Product descriptor changed to KODAK S20X0w scanners
   d. S2000w Internal Webpage updates

S2000w Series Scanner Firmware Release Notes

Improvements for Firmware 200502:

1. none

Known Issues:

1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.
2. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
3. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

Any customer using Apple Ios Mobile application for S2000w scanner, running firmware v180603, that is upgraded to v181005 or later requires an uninstall and reinstall of the mobile app on the phone for it to work. Changes were made in v181005 to version the api/scanner/capabilities command to revert version 1 of the capabilities and add a v2. v1 is the default accessed via api/scanner/capabilities or api/scanner/capabilities?V1. The newer capabilities command in v181201 or later is accessed via api/scanner/capabilities?V2

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S2000w Series Scanner Firmware Release Notes

Firmware Version 200201 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w as a general release

Date: February 13, 2020

Recommended Host Driver Version:
S2000w Driver Installation Disk Version: 3.16.2

Firmware Update Process:

Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed

1) Have scanner and computer connected to network
2) Open a web browser and enter the IP address of the scanner.
3) Click on the support tab in the web page that starts
4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-200201.rootfs.tar.sig file.
6) Click on the start firmware update button
7) Wait for firmware update to complete

Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_2000201_Installer.exe.

1) Execute the EXE (To update the firmware silently, use a "-s" switch when executing the exe)
2) The firmware will be downloaded to the scanner using the drivers on the host computer
3) Wait for the firmware update to complete

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	19.0.0
* IPC Version:	200201 Release (IpcApp)
* SMC Version:	00000b SMC Dev Feb 13 2020 12:18:36
* SPC Version:	190201 Release (Spc0)
* DSP Version:	06072400
* DSP Build:	5cb7a608
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	200201
* Firmware UID:	63cf5e63bfca24fe35de50a812218606

New Features for Firmware 200201

1. none

Improvements for Firmware 200201:

1. SAGE-1598: Addressed a problem where when the S2000w is being shared with multiple PCs on the network that the start of scan would take 40 or more seconds.

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S2000w Series Scanner Firmware Release Notes

Known Issues:

1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.
2. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
3. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

Any customer using Apple Ios Mobile application for S2000w scanner, running firmware v180603, that is upgraded to v181005 or later requires an uninstall and reinstall of the mobile app on the phone for it to work. Changes were made in v181005 to version the api/scanner/capabilities command to revert version 1 of the capabilities and add a v2. v1 is the default accessed via api/scanner/capabilities or api/scanner/capabilities?V1. The newer capabilities command in v181201 or later is accessed via api/scanner/capabilities?V2

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S2000w Series Scanner Firmware Release Notes

Firmware Version 190903 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w as a general release

Date: September 17, 2019

Recommended Host Driver Version:
   S2000w Driver Installation Disk Version: 3.11

Firmware Update Process:
   Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
   1) Have scanner and computer connected to network
   2) Open a web browser and enter the IP address of the scanner.
   3) Click on the support tab in the web page that starts
   4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
   5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-190903.rootfs.tar.sig file.
   6) Click on the start firmware update button
   7) Wait for firmware update to complete

   Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_190903_Installer.exe.
   1) Execute the EXE (To update the firmware silently, use a "-s" switch when executing the exe)
   2) The firmware will be downloaded to the scanner using the drivers on the host computer
   3) Wait for the firmware update to complete

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	19.0.0
* IPC Version:	190903 Release (IpcApp)
* SMC Version:	00000b SMC Dev Sep 17 2019 12:01:30
* SPC Version:	190201 Release (Spc0)
* DSP Version:	06072400
* DSP Build:	5cb7a608
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	190903
* Firmware UID:	63cf5e63bfca24fe35de50a812218606

New Features for Firmware 190903:
1. Updates to WEBAPI interface.
   o Changes were made in v190903 to version the api/scanner/capabilities command to revert version 1 of the capabilities and add a v2. v1 is the default accessed via api/scanner/capabilities or api/scanner/capabilities?V1. The newer capabilities command in v181005 or later is accessed via api/scanner/capabilities?V2
   o Download the updated WEBAPI Integrators Kit for all the details.
2. SAGE-1347– Support Energy Star 3.0 standard. Change maximum allowable timeout for Power saver to 120 minutes.

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S2000w Series Scanner Firmware Release Notes

Improvements from Firmware 190405:

1. SAGE-1459 – Scanmate+ from iphone x device generates "cannot establish the connection to scanner error code: 406"
   - Any customer using Apple Ios Mobile application for S2000w scanner that has connected to a scanner which has firmware between versions 181005 and 190405 will require an uninstall and reinstall of the mobile app on the phone for it to work with firmware 190903. Please ensure that the scanner firmware is at version 190903.
2. Addresses issue with Scanmate+ app on Andoird devices interfacting to S2000w scanners with firmware versions between181005 and 190405.
   - May require the mobile application to be removed and reinstalled after the scanner is updated to firmware 190903

Known Issues:

1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.
2. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
3. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

Any customer using Apple Ios Mobile application for S2000w scanner, running firmware v180603, that is upgraded to v181005 or later requires an uninstall and reinstall of the mobile app on the phone for it to work. Changes were made in v181005 to version the api/scanner/capabilities command to revert version 1 of the capabilities and add a v2. v1 is the default accessed via api/scanner/capabilities or api/scanner/capabilities?V1. The newer capabilities command in v181201 or later is accessed via api/scanner/capabilities?V2

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S2000w Series Scanner Firmware Release Notes

Firmware Version 190405 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w as a general release

Date: June 5, 2019

Recommended Host Driver Version:
S2000w Driver Installation Disk Version: 1.19.00

Firmware Update Process:
Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
1) Have scanner and computer connected to network
2) Open a web browser and enter the IP address of the scanner.
3) Click on the support tab in the web page that starts
4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-190405.rootfs.tar.sig file.
6) Click on the start firmware update button
7) Wait for firmware update to complete

Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_190405_Installer.exe.
1) Execute the EXE
2) The firmware will be downloaded to the scanner using the drivers on the host computer
3) Wait for the firmware update to complete
.

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	19.0.0
* IPC Version:	190404 Release (IpcApp)
* SMC Version:	00000b SMC Dev
* SPC Version:	190201 Release (Spc0)
* DSP Version:	06072400
* DSP Build:	5cb7a608
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	190405
* Firmware UID:	63cf5e63bfca24fe35de50a812218606

New Features from Firmware 181201:
1. none

Improvements from Firmware 181201:
1. SAGE-1331 – Decrease time from scan begin to first paper movement. (Approximately 1.2 seconds)

Known Issues:
1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear

images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.

2. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
3. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

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S2000w Series Scanner Firmware Release Notes

Firmware Version 181201 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w as a general release

Date: December 6, 2018

Recommended Host Driver Version:
   S2000w Driver Installation Disk Version: 1.19.00

Firmware Update Process:
   Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
   1) Have scanner and computer connected to network
   2) Open a web browser and enter the IP address of the scanner.
   3) Click on the support tab in the web page that starts
   4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
   5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-181201.rootfs.tar.sig file.
   6) Click on the start firmware update button
   7) Wait for firmware update to complete

   Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_181201_Installer.exe.
   1) Execute the EXE
   2) The firmware will be downloaded to the scanner using the drivers on the host computer
   3) Wait for the firmware update to complete
   .

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	19.0.0
* IPC Version:	181201 Release (IpcApp)
* SMC Version:	00000b SMC Dev Jun 28 2018 17:26:48
* SPC Version:	180601 Release (Spc0)
* DSP Version:	06072200
* DSP Build:	5c081f37
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	181201
* Firmware UID:	63cf5e63bfca24fe35de50a812218606

New Features from Firmware 181005:
   1. Added NumImagesScanned and changed NumImagesStored when using the RESTful (WEB) API interface

Improvements from Firmware 181005:
   1. SAGE-1248 - OCP shows portion of scroll bar control on screen
   2. SAGE-964 – A3 Flatbed Live Preview Cropping Issue

Known Issues:
   1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear

images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.

2. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
3. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

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S2000w Series Scanner Firmware Release Notes

Firmware Version 181005 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w as a general release

Date: October 18, 2018

Recommended Host Driver Version:
S2000w Driver Installation Disk Version: 1.19.00

Firmware Update Process:
Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
1) Have scanner and computer connected to network
2) Open a web browser and enter the IP address of the scanner.
3) Click on the support tab in the web page that starts
4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-181005.rootfs.tar.sig file.
6) Click on the start firmware update button
7) Wait for firmware update to complete

Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_181005_Installer.exe.
1) Execute the EXE
2) The firmware will be downloaded to the scanner using the drivers on the host computer
3) Wait for the firmware update to complete
.

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	19.0.0
* IPC Version:	181004 Release (IpcApp)
* SMC Version:	00000b SMC Dev Jun 28 2018 17:26:48
* SPC Version:	180601 Release (Spc0)
* DSP Version:	06072000
* DSP Build:	5bc682f7
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	181005
* Firmware UID:	63cf5e63bfca24fe35de50a812218606

New Features from Firmware 180603:
1. Support for Passport Flatbed Catalog number 1029792
2. SAGE-1085 – Add more features to be controlled through WEBAPI. Go to the internal webpage of the scanner for the new features, http://<scannerIP>/api/scanner/capabilities
3. Decrease total scan and image processing time when using flatbeds
4. SNMP is disabled by default. If required contact support.

Improvements from Firmware 180603:
1. SAGE-908 - Barcode read changes so that a barcode read on i2820 is also read on S2000w
2. SAGE-1025 –WEBAPI interface can have an Internal: server error: 500.

S2000w Series Scanner Firmware Release Notes

3. SAGE-702 – Automatic Cropping with A3 Flatbed. Depends on where the document is placed on the platen of the A3 flatbed.

Known Issues:
1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.
2. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
3. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

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S2000w Series Scanner Firmware Release Notes

Firmware Version 180603 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w that addresses an issue which was introduced with firmware 180503.

Date: June 28, 2018

Recommended Host Driver Version:
S2000w Driver Installation Disk Version: 1.19.00

Firmware Update Process:
Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
1) Have scanner and computer connected to network
2) Open a web browser and enter the IP address of the scanner.
3) Click on the support tab in the web page that starts
4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-180603.rootfs.tar.sig file.
6) Click on the start firmware update button
7) Wait for firmware update to complete

Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_180603_Installer.exe.
1) Execute the EXE
2) The firmware will be downloaded to the scanner using the drivers on the host computer
3) Wait for the firmware update to complete
.

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	19.0.0
* IPC Version:	180110 Release (IpcApp)
* SMC Version:	00000b SMC Dev Jun 28 2018 17:26:48
* SPC Version:	171101 Release (Spc0)
* DSP Version:	06070800
* DSP Build:	5a5915af
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	180603
* Firmware UID:	63cf5e63bfca24fe35de50a812218606

New Features from Firmware 180503:
1. None.

Improvements from Firmware 180503:
1. SAGE-981 "UDDS calibration failed" occurred while initiating scan.

Known Issues:
1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear

images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.

2. SAGE-702 – Automatic Cropping with A3 Flatbed. Depending on where the document is placed on the platen of the A3 flatbed, Auto Cropping may leave black boarders on the image

3. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images

4. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

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S2000w Series Scanner Firmware Release Notes

Firmware Version 180503 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w that adds support for a mechanical part change to the latch hooks for improved separation roller tire wear.

Date: May 03, 2018

Recommended Host Driver Version:
S2000w Driver Installation Disk Version: 1.19.00

Firmware Update Process:
Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
1) Have scanner and computer connected to network
2) Open a web browser and enter the IP address of the scanner.
3) Click on the support tab in the web page that starts
4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
5) Click on Browse, navigate to and select the core-image-sage-sagemid-release-180503.rootfs.tar.sig file.
6) Click on the start firmware update button
7) Wait for firmware update to complete

Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_180503_Installer.exe.
1) Execute the EXE
2) The firmware will be downloaded to the scanner using the drivers on the host computer
3) Wait for the firmware update to complete
.

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	17.0.0
* IPC Version:	180108 Release (IpcApp)
* SMC Version:	00000b SMC Dev May 2 2018 12:56:22
* SPC Version:	171101 Release (Spc0)
* DSP Version:	06070800
* DSP Build:	5a5915af
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	180503
* Firmware UID:	63cf5e63bfca24fe35de50a812218606

New Features from Firmware 180306:
1. None.

Improvements from Firmware 180306:
1. SAGE-841 Change paper no paper signal level to support latch hook part changes for improvement in separation roller tire wear.

Known Issues:
1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear

S2000w Series Scanner Firmware Release Notes

images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.

2. SAGE-702 – Automatic Cropping with A3 Flatbed. Depending on where the document is placed on the platen of the A3 flatbed, Auto Cropping may leave black boarders on the image
3. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
4. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

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S2000w Series Scanner Firmware Release Notes

Firmware Version 180306 Summary

Purpose of Release: This is the updated release of the firmware for the S2050 and S2070 that adds support for the SmartTouch scanning application. The system is required to be updated to Firmware 180306 and Host CD V 1.19.00 for use with the Smart Touch scanning application.

Date: March 26, 2018

Recommended Host Driver Version:
    S2000 Driver Installation Disk Version: 1.19.00

Firmware Update Process:
    Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
    1) Have scanner and computer connected to network
    2) Open a web browser and enter the IP address of the scanner.
    3) Click on the support tab in the web page that starts
    4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
    5) Click on Browse, navigate to and select the *.sig file.
    6) Click on the start firmware update button
    7) Wait for firmware update to complete

    Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_180306_Installer.exe.
    1) Execute the EXE
    2) The firmware will be downloaded to the scanner using the drivers on the host computer
    3) Wait for the firmware update to complete

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	15.0.0
* IPC Version:	180106
* SMC Version:	00000b SMC Dev Mar 22 2018
* SPC Version:	171101 Release (Spc0)
* DSP Version:	06070800
* DSP Build:	5a5915af
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	180306
* Firmware UID:	63cf5e63bfca24fe35de50a812218606

New Features from Firmware 180105:
    1. Add support for Smart Touch application.
    2. SAGE-767 – Add alteration to allow scanner Reset through the OCP to be disabled.

Improvements from Firmware 180105:
    1. SAGE-765 – Addressed that when scanning with an A3 flatbed for more than 38 consecutive scans the machine would require a power cycle

S2000w Series Scanner Firmware Release Notes

Known Issues:

1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.
2. SAGE-702 – Automatic Cropping with A3 Flatbed. Depending on where the document is placed on the platen of the A3 flatbed, Auto Cropping may leave black boarders on the image
3. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
4. SAGE-765 – A3 flatbed, after 38 Color Perfect Page scans, the scan failed due to no more memory being available. A power cycle is required.
5. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

Changing a machine between single and multiple PC modes.
When a machine is set to single PC mode the first computer to connect on the network will be only computer allowed to scan with a TWAIN or ISIS application through a network connection. If multiple computers have previously been connected to the scanner and the drivers are still installed on those computers when a scanner is changed from multiple to single PC mode, the first computer to successfully connect to the scanner (happens automatically with KAScannerService running on the computer) through the network will become the single PC allowed to scan with that scanner.

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S2000w Series Scanner Firmware Release Notes

Firmware Version 180105 Summary

Purpose of Release: This is the updated release of the firmware for the S2060w and S2080w that add support for the A4/Legal flatbed accessory, Digital stamping feature and address problem reports

Date: January 19, 2018

Recommended Host Driver Version:
> S2000w Driver Installation Disk Version: 01.18.00

Firmware Update Process:
> Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
> 1) Have scanner and computer connected to network
> 2) Open a web browser and enter the IP address of the scanner.
> 3) Click on the support tab in the web page that starts
> 4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
> 5) Click on Browse, navigate to and select the *.sig file.
> 6) Click on the start firmware update button
> 7) Wait for Firmware update to complete

> Options #2) If the S2000w scanner is USB or NETWORK (wired or wireless) connected, any host computer which can successfully scan using the TWAIN driver can be used to update the firmware using the file s2000w_180105_Installer.exe.
> 1) Execute the EXE
> 2) The firmware will be downloaded to the scanner using the drivers on the host computer
> 3) Wait for the firmware update to complete

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	15.0.0
* IPC Version:	180103
* SMC Version:	00000a SMC Dev Jan 15 2018 11:18:55
* SPC Version:	171101 Release (Spc0
* DSP Version:	06070800
* DSP Build:	5a5915af
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	180105

New Features from Firmware 171002:
1. Add support for A4/Legal flatbed accessory
2. Add support for Digital Stamping feature

Improvements from Firmware 171002:
1. SAGE-648 - If an ADF Magnification Correction factor is used this will also impact Flatbed images which are captured
2. SAGE-747 – add support for CORS when integration uses RESTful (WEB) API.

S2000w Series Scanner Firmware Release Notes

3. SAGE-704 – Address multiple USB connectivity issues due to host computers not following USB protocol standards
4. SAGE-729 - Fail to update Scanner PIN in scanner OCP when connected via USB connection with Info Input Express LE
5. SAGE-546 – Add diagnostic on component tab for stat of passport flatbed switch
6. SAGE-647 – Updated kodakalaris.com web links for internal setup webpages
7. SAGE-347 – Intermittent REFEED document error when adding paper to start batch

Known Issues:

1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.
2. SAGE-702 – Automatic Cropping with A3 Flatbed. Depending on where the document is placed on the platen of the A3 flatbed, Auto Cropping may leave black boarders on the image
3. SAGE-764 – A4/Legal Flatbed with Multiple Document Locate. Depending on the how the document is placed relative to Skew to the platen camera some boarder may be left around the resulting images
4. SAGE-765 – A3 flatbed, after 38 Color Perfect Page scans, the scan failed due to no more memory being available. A power cycle is required.
5. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black boarders on the image.

Notes:

If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

Changing a machine between single and multiple PC modes.
When a machine is set to single PC mode the first computer to connect on the network will be only computer allowed to scan with a TWAIN or ISIS application through a network connection. If multiple computers have previously been connected to the scanner and the drivers are still installed on those computers when a scanner is changed from multiple to single PC mode, the first computer to successfully connect to the scanner (happens automatically with KAScannerService running on the computer) through the network will become the single PC allowed to scan with that scanner.

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S2000w Series Scanner Firmware Release Notes

Firmware Version 171002 Summary

Purpose of Release: This is the initial release of firmware for the S2050 and S2070

Date: October 27, 2017

Recommended Host Driver Version:
> S2000w Driver Installation Disk Version: 01.13.00

Firmware Update Process:
> Options #1) To update firmware via scanner internal web page when networked connected and no host drivers needed
> 1) Have scanner and computer connected to network
> 2) Open a web browser and enter the IP address of the scanner.
> 3) Click on the support tab in the web page that starts
> 4) In the bottom left corner, click on the UPDATE SCANNER FIRMWARE button
> 5) Click on Browse, navigate to and select the *.sig file.
> 6) Click on the start firmware update button
> 7) Wait for Firmware update to complete
>
>
> Options #2) If the S2000w scanner is USB connected and the drivers are installed on the host computer.
> Use s2000w_171002_Installer.exe to update the firmware
> .

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	13.0.0
* IPC Version:	171002
* SMC Version:	00000b SMC
* SPC Version:	170902
* DSP Version:	06070200
* DSP Build:	59cbe22e
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	171002

New Features from Firmware 171002:
> 1. initial release of firmware

Improvements from Firmware 171002:
> 1. initial release of firmware

Known Issues:
> 1. SAGE-508 - When using Multiple Document Locate with Sleeve scanning that is the documents are placed in the sleeve such that two documents are in the same horizontal plane in the sleeve that the front and rear images may not be matched properly. The workaround is to place the documents such that they are not in the same horizontal plane in the sleeve.
> 2. SAGE-648 - If an ADF Magnification Correction factor is used this will also impact Flatbed images which are captured

Notes:
> If installing the firmware on Windows 7/8/10 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.