

S2000 Series Scanner Firmware Release Notes

Firmware Version 221201 Summary

Purpose of Release: This is the updated release of the firmware for the S2050 and S2070 as a general maintenance release which support a 3rd main board hardware configuration that is backward compatible with all previous hardware versions.

Date: Dec 12, 2022

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 8.2

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use [s2000_221201_Firmware.exe](#) to update the firmware

Embedded Firmware subsystems

Name	Versions
FPGA Version:	1B.0.0 (Original Main Board) 52.0.0 (2 nd Gen Main Board-AFE) B1.0.0 (3 rd Gen Main Board – FPGA)
Platform Version:	221201

New Features for Firmware 221201:

1. None

Improvements for Firmware 221201:

1. SAGE-2374 – Added – Change the FGPA version due to part supply issues.

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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 210503 Summary

Purpose of Release: This is the updated release of the firmware for the S2050 and S2070 as a general maintenance release.

Date: May 26, 2021

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 8.2

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use [s2000_210503_Firmware.exe](#) to update the firmware

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:

2. None

Improvements for Firmware 210503:

2. SAGE-742 – Fixed - Documents not cropped properly when multiple document cropping is enabled when scanning with Legal Size Flatbed.
3. SAGE-1247 – Fixed - Edge Fill with tears on a Dog-Ear Corner leaving a bar image artifacts
4. SAGE-1296 – Fixed - Image Processing Failed with Blank Page deletion and carrier sheet folded document is used
5. SAGE-1309 – Fixed - Multifeed set to Stop Scanning and Jam set to Pause scanning can result in Critical Error
6. SAGE-1369 – Fixed - Sheet counter is not incrementing when scans are performed from the Passport Flatbed scanner.
7. SAGE-1428 – Fixed – Mechanical Calibration Fails but SVT UI message reports Pass
8. 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.
9. 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
10. SAGE-1711 – Fixed - Critical Errors caused when a Jam occurs with Cropping Mode set to Aggressive Cropping
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:

4. 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.

S2000 Series Scanner Firmware Release Notes

5. 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
6. SAGE-766 – A4/Legal Flatbed auto cropping with dark green documents at 600 DPI can leave black borders 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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 210301 Summary

Purpose of Release: This is the updated release of the firmware for the S2050 and S2070 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: 7.8

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use [s2000_210301_Firmware.exe](#) to update the firmware

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:

3. Czech language support added to the OCP
4. 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:

7. 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.
8. 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
9. 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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 200502 Summary

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

Date: May 6, 2020

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 5.3

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use [s2000_200502_Firmware.exe](#) to update the firmware

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 S20X0 scanners

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 borders 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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 190405 Summary

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

Date: June 5, 2019

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 2.06

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use [s2000_190405_Installer.exe](#) to update the firmware

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	19.0.0
* IPC Version:	190404 Release (IpcApp)
* SMC Version:	00000a 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:	2d76db234629fe7e4c5c77219da3aae7

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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 181201 Summary

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

Date: December 6, 2018

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 2.06

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use [s2000_181201_Installer.exe](#) to update the firmware

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. None

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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 181005 Summary

Purpose of Release: This is the updated release of the firmware for the S2050 and S2070 that addresses an issue which was introduced with firmware 180603.

Date: October 18, 2018

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 2.06

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use [s2000_181005_Installer.exe](#) to update the firmware

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. Decrease total scan and image processing time when using flatbeds

Improvements from Firmware 180603:

1. SAGE-908 - Barcode read changes so that a barcode read on i2820 is also read on S2000w.
2. 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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 180603 Summary

Purpose of Release: This is the updated release of the firmware for the S2050 and S2070 that addresses an issue which was introduced with firmware 180503.

Date: June 28, 2018

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 1.16.01

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use [s2000_180603_Installer.exe](#) to update the firmware

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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 180503 Summary

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

S2000 Driver Installation Disk Version: 1.16.01

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use [s2000_180503_Installer.exe](#) to update the firmware

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 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 borders 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 borders 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.

S2000 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 Smart Touch scanning application. The system is required to be updated to Firmware 180306 and Host CD V 1.16.01 for use with the Smart Touch scanning application.

Date: March 26, 2018

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 1.16.01

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.
Use s2000_180306_Installer.exe to update the firmware

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

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 borders 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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 180105 Summary

Purpose of Release: This is the updated release of the firmware for the S2050 and S2070 that add support for the A4/Legal flatbed accessory, Digital stamping feature and address problem reports

Date: January 19, 2018

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 01.16.00

Firmware Update Process:

With a S2000 scanner is connected and the drivers are installed on the host computer.

Use s2000_180105_Installer.exe to update the firmware

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-704 – Address multiple USB connectivity issues due to host computers not following USB protocol standards
3. SAGE-729 - Fail to update Scanner PIN in scanner OCP when connected via USB connection with Info Input Express LE
4. SAGE-546 – Add diagnostic on component tab for stat of passport flatbed switch
5. SAGE-347 – Intermittent REFEEED 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 borders 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

S2000 Series Scanner Firmware Release Notes

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 borders 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.

S2000 Series Scanner Firmware Release Notes

Firmware Version 170803 Summary

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

Date: August 21, 2017

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 01.03.00

Embedded Firmware subsystems

	Name	Versions
*	FPGA Version:	12.0.0
*	IPC Version:	170804
*	SMC Version:	00000a SMC
*	SPC Version:	170601
*	DSP Version:	06060300
*	DSP Build:	5977c061
*	Front Scan Module Version:	00000000
*	Rear Scan Module Version:	00000000
*	Platform Version:	170803

New Features from Firmware xx.xx.xx:

1. initial release of firmware

Improvements from FW xx.xx.xx:

1. initial release of firmware

Known Issues:

1. none

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.