

S2040 Series Scanner Firmware Release Notes

Firmware Version 230802 Summary

Purpose of Release: This is the updated release of the firmware for the S2040 as a general maintenance release.

Date: Dec 11, 2023

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.

Uses [2000_230802_Firmware.exe](#) to update the firmware

Embedded Firmware subsystems

Name	Versions
FPGA Version:	3A.0.0 (Original Main Board) 72.0.0 (Updated Main Board)
Platform Version:	230802

New Features for Firmware 230802:

1. None

Improvements for Firmware 230802:

1. SAGE-2684 – Addressed root cause of error ID 0039 during normal operation
2. SAGE-2653 – Fixed issue where scanner was not saving the time & date of first host connection.
3. SAGE-2507 – Correct A3 flatbed pixel size to fix OCR issue.
4. SAGE-1747 – Scanner will restart automatically without user intervention after firmware is updated

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.

S2040 Series Scanner Firmware Release Notes

Firmware Version 210503 Summary

Purpose of Release: This is the updated release of the firmware for the S2040 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.

Uses [2000_210503_40_Firmware.exe](#) to update the firmware

Embedded Firmware subsystems

Name	Versions
FPGA Version:	3A.0.0 (Original Main Board) 72.0.0 (Updated Main Board)
Platform Version:	210503

New Features for Firmware 210503:

2. None

Improvements for Firmware 210503:

5. SAGE-742 – Fixed - Documents not cropped properly when multiple document cropping is enabled when scanning with Legal Size Flatbed.
6. SAGE-1247 – Fixed - Edge Fill with tears on a Dog-Ear Corner leaving a bar image artifacts
7. SAGE-1296 – Fixed - Image Processing Failed with Blank Page deletion and carrier sheet folded document is used
8. SAGE-1309 – Fixed - Multifeed set to Stop Scanning and Jam set to Pause scanning can result in Critical Error
9. SAGE-1369 – Fixed - Sheet counter is not incrementing when scans are performed from the Passport Flatbed scanner.
10. SAGE-1428 – Fixed – Mechanical Calibration Fails but SVT UI message reports Pass
11. 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.
12. 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
13. SAGE-1711 – Fixed - Critical Errors caused when a Jam occurs with Cropping Mode set to Aggressive Cropping
14. SAGE-2201 – Fixed – A blank images intermittently occurs when using ECDO with Auto Color Detect..
15. SAGE-2250 – Fixed - Binarization Interior Edge Artifact When Image Edge Fill FIXED "White" is Selected
16. SAGE-2257 – Fixed – OCP Firmware sometimes crashed when saving logs

Known Issues:

2. 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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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.

S2040 Series Scanner Firmware Release Notes

Firmware Version 210201 Summary

Purpose of Release: This is the updated release of the firmware for the S2040 to support the original and a new hardware (Main Board) configuration.

Date: February 3, 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_210201_40_Firmware.exe](#) to update the firmware

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	3A.0.0 (Original Main Board) 72.0.0 (Updated Main Board)
* Platform Version:	210201

New Features for Firmware 210201:

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 210201:

17. none

Known Issues:

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.
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.

S2040 Series Scanner Firmware Release Notes

Firmware Version 200502 Summary

Purpose of Release: This is the updated release of the firmware for the S2040

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_40_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.

S2040 Series Scanner Firmware Release Notes

Firmware Version 190405 Summary

Purpose of Release: This is the updated release of the firmware for the S2040

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_40_Installer.exe](#) to update the firmware

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	3a.0.0
* IPC Version:	190404 Release (IpcApp)
* SMC Version:	00000c 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:	ef03a269b1b15dd19ddc694e77424d3d

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 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.

S2040 Series Scanner Firmware Release Notes

Firmware Version 181201 Summary

Purpose of Release: This is the updated release of the firmware for the S2040

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_40_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

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.

S2040 Series Scanner Firmware Release Notes

Firmware Version 181005 Summary

Purpose of Release: This is the updated release of the firmware for the S2040

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_40_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 180701:

1. Support for Passport Flatbed Catalog number 1029792
2. Decrease total scan and image processing time when using flatbeds

Improvements from Firmware 180701:

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

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.

S2040 Series Scanner Firmware Release Notes

Firmware Version 180701 Summary

Purpose of Release: This is the initial release of firmware for the S2040.

Date: July 11, 2018

Recommended Host Driver Version:

S2000 Driver Installation Disk Version: 02.06.00

Embedded Firmware subsystems

Name	Versions
* FPGA Version:	3a.0.0
* IPC Version:	180504 Release (IpcApp)
* SMC Version:	00000c SMC Dev Jul 6 2018 13:31:10
* SPC Version:	180502 Release (Spc1)
* DSP Version:	06071100
* DSP Build:	5aea0951
* Front Scan Module Version:	00000000
* Rear Scan Module Version:	00000000
* Platform Version:	180701
* Firmware UID:	ef03a269b1b15dd19ddc694e77424d3d

Firmware Update Process:

With a S2040 scanner is connected and the drivers are installed on the host computer.
Use [s2000_180601_40_Installer.exe](#) to update the firmware

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.