

# **Kodak i5000 Series Scanners Software Release Notes**

## **DVD Version 2.6.1 Summary**

**Purpose of Release:** This is a general release to the drivers for the Kodak i5250, i5650, i5850 and i5850S scanners which allows the service diagnostic keys for Scan Validation Tool to continue to function after October 12, 2016.

No other changes from DVD 2.6.0 are included.

**Date:** October 10, 2016

**Versions:**

TWAIN driver:	14.1
ISIS driver:	2.0.11506.30001
Scan Validation Tool:	12.3.1

## Version CD 2.6 Summary

**Purpose of Release:** This release was created to support the Microsoft Windows 10 operating system. This update also includes a new ISIS driver that corrects a couple of printing issues. See below for more information.

**Date:** September 1<sup>st</sup>, 2015

### Versions:

TWAIN driver:	14.1
ISIS driver:	2.0.11506.30001
Scan Validation Tool:	11.9
WIA:	5.2

### Required Scanner Firmware:

Scanner Firmware Version: 4.1.7

### Supported Operating Systems:

WINDOWS Vista SP1 and higher  
WINDOWS Vista x64 Edition  
WINDOWS 7 SP1  
WINDOWS 7 SP1 x64 Edition  
WINDOWS 8  
WINDOWS 8 x64 Edition  
WINDOWS 8.1  
WINDOWS 8.1 x64 Edition  
WINDOWS 10 (32-bit and 64-bit)

### Supported Models:

Kodak i5200, Kodak i5600, Kodak i5800, Kodak i5850

### New Features from CD 2.5:

1. Windows 10 is now supported.
2. The Kodak Scanner Validation Tool (SVT) has been updated to include new features.
3. The TWAIN driver now includes support for the Arabic Language.
4. Renamed the "Pause Scanning" multifeed option to "Pause Scanning – generate images(s)".

### Improvements from CD 2.5:

1. ISIS-38469 Corrected Error -4769 when attempting to scan with printing enabled on i5200/i5600/i5800 scanners. (2.0.11506.26001)
2. PR# 23703-ISIS is not handling spaces in print strings correctly.( 2.0.11502.2001)
3. PR# 24266-TWAIN: Corrected possible issue when setting CAP\_INDICATORS fails to reset CAP\_INDICATORSMODE, so the scanning progress dialog doesn't show.
4. PR# 24306-TWAIN: Corrected issue with displaying the Components tab in Service Diagnostics in German and other non-English languages.
5. PR# 24542-Installation: Corrected issue where the driver installation fails with Korean characters in the "User Account" and/or "Computer Name" of the operating system.
6. PR# 24548-Installation: Corrected issue when installing on Japanese Operating System.
7. PR# 24555-TWAIN: Corrected issue that allowed print string longer than the maximum of 40 characters to be inputted.
8. PR# 24740-TWAIN: Corrected issue with image naming being incorrect after using the Preview function in the TWAIN driver.
9. PR#25020, 24657, 25228-TWAIN/ISIS: Corrected issues with translation of single color dropout names in the driver GUIs.
10. PR#25269-SVT: Corrected an issue with the SVT diagnostic tool that prevented it from working in a Citrix environment.
11. PR# 24655-ISIS-38469 Corrected issue when scanning in Citrix. (2.0.11506.26001)

### Notes:

- This driver package MUST not be used with the Kodak i5200V or i5600V models.

**Known Issues:** (none)

## Version CD 2.5 Summary

**Purpose of Release:** This (CSM3) update has improvements for the newly released Kodak i5850 scanner and contains bug fixes for the current Kodak i5000 series scanners. See below for more information.

**Date:** November 19th, 2014

### Versions:

TWAIN driver:	13.2
ISIS driver:	2.0.11409.25001
Scan Validation Tool:	10.4
WIA:	4.1

### Required Scanner Firmware:

Scanner Firmware Version:	4.1.7
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### Supported Operating Systems:

- WINDOWS XP (Home and Professional); SP3 and higher
- WINDOWS XP Professional x64 Edition; SP3 and higher
- WINDOWS Vista SP1 and higher
- WINDOWS Vista x64 Edition
- WINDOWS 7 SP1
- WINDOWS 7 SP1 x64 Edition
- WINDOWS 8
- WINDOWS 8 x64 Edition
- WINDOWS 8.1
- WINDOWS 8.1 x64 Edition

### Supported Models:

Kodak i5200, Kodak i5600, Kodak i5800, Kodak i5850

## **New Features from CD 1.23:** (See updated User Documentation for more details.)

1. Support for the new Kodak i5850 model.
  - New features supported by hardware changes
    - Includes full Image Addressing
    - Includes Rear Printer (hardware)
    - Includes Intelligent Document Protection (hardware)
    - Includes wider Image Guides (hardware)
  - New Software features
    - Printer default density is now 10 characters per inch (like i800) (PRINTER\_INTER\_LINE\_DELAY\_HV=5)
    - Kodak i5850 only: Removed ability to independently select white background option for front or rear images.
    - Controlled Dual Stacking feature will now sort horizontally formatted patches on the Kodak i5850 scanner only.
2. SVT update for Kodak Service (SVT2).
3. Added support for Windows 8.1.
4. Multifeed Detection is now enabled by default in the TWAIN and ISIS Perfect Page profiles.
5. SVT GUI updates:
  - Added TWAINDSM Driver Type which uses the TWAIN interface via the TWAIN Working Group's 2.x Data Source Manager (DSM).
  - Added File Transfer Options:
    - TWSX\_FILE: the driver saves the image directly to a file. SVT reads the image from that file for display. NOTE: When selected, Save Images To Files is automatically selected
    - TWSX\_MEMORY: the driver transfers the image into memory created by SVT. SVT optionally saves the image to a file.
    - TWSX\_NATIVE: the driver transfers an uncompressed bitmap representation of the image into memory created by the driver and then the memory ownership is given to SVT. SVT optionally saves the image to a file.
  - Added
    - "!" ShowUI": do not show any of the driver's UI, including error and progress messages (e.g. "Waiting for paper").
      - Some older scanners with lamps that need to warm-up (e.g. i1200, i1300, i1400) may ignore SVT and display the "Waiting for paper" message anyway
    - "ShowUI": show the driver's main UI when a scan is requested
      - Scanning will not start until it is initiated from within the driver's UI
      - The driver UI will show all error and progress messages
    - CAP\_INDICATORS: do not show the driver's main UI, however do show any error and progress messages.
      - his option is hidden for ISIS drivers
      - This is available when a TWAIN or TWAINDSM driver is opened and not scanning
      - Setup this option after setting up Save Images To Files

### **Improvements from CD 1.23:**

1. ISIS-Kodak i5850: Changed the name of Image Address tab to "Indexing" and added new option to choose "Image Address" or "Non-Image Addressing" scanning mode from within the profile. (v2.0.11409.25001)
2. ISIS: Added multifeed action "Stop Scanning – generate image(s)". (v2.0.11401.24001)
3. ISIS: Added 500dpi resolution. (v2.0.11401.24001)
4. PR# 38046-ISIS- -Kodak i5850: Corrected problem changing Image Address formats from Level 3 offset to Level 1. (v2.0.11409.24001)
5. PR# PR24023-ISIS-Kodak i5850: Corrected issue where selecting no Indexing did not remove Level display from the scanners display.
6. ISIS: Added translations for "Stop Scanning - generate image(s)". (v2.0.11401.21001)
7. PR# 38046-ISIS: Corrected problem when changing from Level 3 Offset to Level 1 Indexing format.
8. PR# 24122, PR# 24023-ISIS: Corrected problem with scanner display showing IA counter buttons when Indexing was not enabled.
9. PR# 24123-ISIS: Corrected problem with Batching feature.
10. PR# 38052-ISIS: Corrected problem with not resetting the Format String when using custom PreSets.
11. PR# 24116-ISIS: Corrected problem with deselecting individual patch heads.
12. PR# 23898-ISIS: Corrected problem with enabling black or white background on older i5000 scanners.
13. ISIS: Added TAG\_ MANUFACTURER and TAG\_ SCANNERMODEL. (v2.0.11401.24001)
14. ISIS: Corrected an issue with GUI the control for the Image Edge Fill feature. (v2.0.11401.24001)
15. ISIS: Updated to newer Quick Driver to fix Citrix disconnected problem. (v2.0.11401.24001)
16. ISIS: Updated to latest Pixtools libraries that use MSVCRT100. (v2.0.11401.24001)
17. ISIS: Corrected issue with Error -4523 if Auto Color Detection is set to customer on front image a default on rear image. (v2.0.11401.24001)
18. ISIS: Added support for custom color dropout files. Prevent Error -4523. (v2.0.11401.24001)
19. ISIS: Made only "Multiple" and "Predominant" color drop out available for color aggressiveness. (v2.0.11401.24001)
20. PR# 24047, 24128, 24071, 24246: Corrected issues with SVT2.
21. PR# 24154-TWAIN- Kodak i5850: Corrected issue with level 2 with Kodak Capture Pro. (CD 2.3)  
TWEI\_HDR\_IMAGEADDRESSDEFS is returning TWRC\_INFONOTSUPPORTED  
TWEI\_CHAPTERNUMBER, TWEI\_DOCUMENTNUMBER and TWEI\_PAGENUMBER were not being set correctly  
TWEI\_HDR\_BOOKNAME\_A/B/C/D were not being set correctly.  
TWEI\_HDR\_IMAGEADDRESS had padding and trailing dots.
22. PR# 24266-TWAIN- Kodak i5850: Setting CAP\_INDICATORS fails to reset CAP\_INDICATORSMODE, so the progress dialog doesn't show.
23. PR# 21535: Corrected problems with PCs with more than 16 logical cores.
24. PR# 22714: Operator log not translated into Japanese
25. PR# 22775-WIA: Corrected issue with setting XEXTENT to greater than one.
26. PR# 22864-ISIS: Corrected issue with mixing fixed cropping and automatic cropping.

### **Notes:**

- SVT2 PC unique style keys from SVT versions before 10.4 will need to be recreated after installing this update.
- This driver package MUST not be used with the Kodak i5200V or i5600V models.

### **Known Issues:**

(none)

## **Version CD 2.2, CD 2.3 Summary**

**Purpose of Release:** These Product CDs were the first to support the Kodak i5850 scanner. These driver versions were only shipped with the Kodak i5850 scanners and were not certified for use on the other Kodak i5000 series scanners. These CDs have been superseded by the CD 2.5 version. See below for more information.

**Date:** September 12th 2014 and September 29th 2014

### **Required Scanner Firmware:**

Scanner Firmware Version: 4.1.4 CD 2.3  
4.1.2 CD 2.2

### **Supported Models:**

Kodak i5850 only.

**New Features from CD 1.23:** (See updated User Documentation for more details.)

(See CD 2.5 for more information.)

## Version CD 1.23 Summary

**Purpose of Release:** This (CSM2) update will add support for the new Controlled Dual Stacking accessory, improve the blank page deletion feature and add several other new features. There are also several “bug fixes” as well. See below for more information.

**Date:** March 25, 2013

### Versions:

TWAIN driver:	12.4
ISIS driver:	2.0.11303.14001
Scan Validation Tool:	9.15
WIA:	3.14

### Required Scanner Firmware:

Scanner Firmware Version:	3.14.5
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### Supported Operating Systems:

WINDOWS XP (Home and Professional); SP2 and higher  
WINDOWS XP Professional x64 Edition; SP2 and higher  
WINDOWS Vista; SP1 and higher  
WINDOWS Vista x64 Edition  
WINDOWS 7 SP1  
WINDOWS 7 SP1 x64 Edition  
WINDOWS 8  
WINDOWS 8 x64 Edition

### Supported Models:

Kodak i5200, Kodak i5600, Kodak i5800

### New Features from CD 1.13:

 (See updated User Documentation for more details.)

1. Support for the Kodak i5800 Controlled Dual Stacking Accessory. This new accessory includes a new exit tray with two output stacks. When this accessory is purchased and installed the TWAIN and ISIS scanner drivers will include options to separate either separator sheets (with patch codes) or short documents into an exception stack. There is also an option to trigger exception stacking for pages that trigger a multifeed event. This accessory will allow new or existing customers to cost effectively reuse separator sheets. The accessory will also automatically separate checks or other small documents from the batch. Refer to the User’s Guide and driver setup guides for more information. (Firmware and driver update required)
2. This release includes an improved blank page deletion feature that will allow much more control over the deletion or inclusion of pages with very little text. The blank page deletion feature can now distinguish differences between blank pages, and pages with just few characters. Customers that are upgrading from previous firmware versions (who do not adjust their blank page deletion threshold) may find that more pages with sparse text will be included in their image stream. Customers may wish to use the drivers blank page threshold learn feature on the new firmware to re-adjust their blank page deletion threshold. In general, a blank page deletion threshold setting of 5% in the old firmware will be equivalent to about 12% after upgrading to this firmware. (Firmware and driver update required)
3. Added full support for Kodak Asset Management software. The Kodak Asset Management software is a scanner remote monitoring and update solution available for Kodak scanners. This software will allow customers to remotely monitor scanner usage, performance, maintenance, and errors from a web based application. The software will also allow remote update for TWAIN and ISIS drivers and TWAIN shortcuts. (Firmware and driver update required)  
(<http://www.kodak.com/go/assetmanagement>)
4. The ISIS driver now includes the cloud connector to enable the use of the EMC Captiva Cloud Toolkit. (ISIS driver update only.)
5. Added support for Windows 8. (Firmware and driver update required)
6. Changed the order of the buttons on the Operator Control Panel to allow easy access to the Clear Path feature.

### **Improvements from CD 1.13:**

1. CR# 3052 FW: Reordered Scanner Operator Control panel options to allow easier access to the "Clear Path" feature. #
2. CR# 3657 FW: Added support for custom JPEG compression levels. #
3. PR# 20493 FW: Corrected imaging issue when scanning playing cards with Auto Orientation enabled. #
4. PR# 20437 FW: Corrected Error 1002 (SCB Stop time out) when OCP soft buttons are used "quickly" during Interactive Multifeed handling. #
5. PR# 20235 FW: Improved the color processing option for the Automatic setting for Brightness and Contrast. #
6. PR# 20512 FW: Corrected issue with i5000V scanners exiting the first level of Energy Star mode by host initiated scan. #
7. PR# 19862 WIA: Corrected "Failed to initialize selected scanner" after deleting default profile.
8. PR# 20798 Driver: Resolved a scanner connection issue.
9. PR# 20547 TWAIN: Print counter (CAP\_PRINTERINDEX) not resetting when changing profiles. This is not the expected behavior. Contact development support for a possible workaround to enable this behavior.
10. PR# 19048 ISIS: Corrected a driver issue that did not allow the printing of text strings longer than 20 characters
11. PR# 20382 ISIS: Resolved a driver "Not enough memory. (-4500)" issue.
12. PR# 20989 ISIS: Corrected a translation issue in Win 7 for Portuguese for the color dropout options.
13. PR# 21368 ISIS: Changed the "about" tab link for contacting support to be "www.kodak.com/go/dicontacts"
14. PR# 21373 ISIS: Corrected the driver not disabling hole fill properly.
15. PR# 21383 ISIS: Corrected a driver issue with profile defaults under Windows 8 (64bit) only.

### **Notes:**

- This driver package MUST not be used with the Kodak i5200V or i5600V models.
- The firmware version 3.14.5 or higher MUST be used with these drivers.
- # Change implemented independent of host drivers in scanner firmware.

### **Known Issues:**

(none)

## Version CD 1.13 Summary

**Purpose of Release:** This update will add several new features to the Kodak i5000 Series scanners and will correct several issues. See below for more information.

**Date:** June 15, 2012

### Versions:

TWAIN driver:	11.11
ISIS driver:	2.0.11206.4002
Scan Validation Tool:	8.12
WIA:	2.3

### Required Scanner Firmware:

Scanner Firmware Version:	3.12.2
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### Supported Operating Systems:

WINDOWS XP (Home and Professional); SP2 and higher  
WINDOWS XP Professional x64 Edition; SP2 and higher  
WINDOWS Vista; SP1 and higher  
WINDOWS Vista x64 Edition  
WINDOWS 7 SP1  
WINDOWS 7 SP1 x64 Edition

### Supported Models:

Kodak i5200, Kodak i5600, Kodak i5800

### New Features from CD 1.4:

 (See updated User Documentation for more details.)

1. Interactive Multifeed feature has been added to allow the operator to choose directly from the scanners control panel to accept or reject the image created during a Multifeed event. The operator also sees the images of the page on the on the scanners display! No changes are needed to the scanning application to use this feature. \*#
2. Hole Fill feature has been added to remove the black circles left by scanning documents with holes punched in the edges.\*
3. Automatic Image Edge Fill feature has been added to clean up the rough edges of scanned pages. There is also an option to fill in small tears in the page edges. \*
4. Automatic Color Balance feature has been added ensure that when scanning white pages in color the background of the image created is white. The feature also includes an aggressiveness option. \*
5. Automatic Color Brightness feature has been added to make the brightest colors bright and the darkest colors dark in the scanned image.\*
6. 500dpi output resolution is now available in the TWIAN driver. (Contact Kodak Support if 500dpi is needed for ISIS applications)\*#
7. The elevator now lowers ¼ inch more when there is a multifeed or when feeding is paused by the user to give more room to adjust the input stack. #
8. The Kodak Multi-Color dropout feature is now available with Grayscale output image format.
9. A3 size pages can now be scanned in 600dpi. #
10. Increased the maximum correctable page skew with landscape fed documents. #
11. A confirmation message was added to the scanner maintenance meter reset button on the scanner control panel. #
12. The scanner can now scan documents with ragged edges or with holes in the lead and trail edges of the pages. #
13. Kodak Service may now deliver custom alterations using the scanner operator control panel. #
14. The Scanner meter logs available through the TWAIN driver now have total counters for the number of bitonal, grayscale and color pages scanned. #
15. Printer Font size may now be customized by Kodak Support. (Professional Services Fee may apply) #
16. The Setup Guides for TWAIN and ISIS now have lists of know good dropout pantone color codes.

### **Improvements from CD 1.4:**

1. PR# 19598 Corrected problem where the ISIS Copy button did not copy all settings to the back camera.
2. PR# 18465 Corrected ISIS error (-4523) when detecting multifeed by document length.
3. PR# 18573 & 19893 Corrected ISIS driver Multifeed Play Sound on PC features.
4. PR# 19594 Corrected support URL in ISIS driver help.
5. PR# 18746 & PR#18072 Correct TWAIN driver issue when setting CAP\_AUTOSCAN to False.
6. PR# 18321 Corrected TWAIN problem where dual stream scanning could occur when color toggle mode scanning was selected.
7. PR# 19491 Corrected issues with WIA driver.
8. CR# 3310 Warning messages are given in the incorrect Image Processing Board is installed in the Kodak i5200 model. #
9. PR# 18248 Improved background color smoothing. #
10. PR# 18445 Corrected problem with rotating very long high resolution images. #
11. PR# 18471 Document count is now correctly displayed in all scanner log entries. #
12. PR# 18581 German language translations for Document Handling options corrected
13. PR# 18988 Corrected E112 errors when using Edge Fill feature. #
14. PR# 19591 Corrected Error 147. #
15. PR# 20031 Corrected Image Quality and throughput issues when scanning playing cards. #
16. PR# 20176 Corrected iThresholding issue when scanning black and white documents longer than 17in. #
17. PR# 19467 Corrected cropping differences between Color/Grayscale and Black and White images. #
18. PR# 19708 Program Group link for SVT is now always created during installation.
19. PR# 19311 Corrected recover from error E1088 if scanner powered on with paper in the transport. #
20. PR# 19309 Corrected misleading error message E015 if OCP disconnected. #
21. PR# 19202 Created Service alteration to adjust sensitivity of Multifeed "Medium" and "Low" settings. #

### **Notes:**

- This driver package **MUST** not be used with the Kodak i5200V or i5600V models.
- The firmware version 3.12.2 or higher **MUST** be used with these drivers.
- \* Feature now on by default in pre-defined single stream TWAIN Profiles and ISIS pre-sets.
- # Change implemented independent of host drivers in scanner firmware.

### **Known Issues:**

- On some Windows 7 PCs a "Windows Explorer has stopped working" message will be displayed during the driver installation process only if installing from the CD media. The drivers have installed correctly and no further action is required. Click "Close the Program" if this message is seen.

## Version CD 1.4 Summary

**Purpose of Release:** This release was created to add support for a new model, the Kodak i5800 Scanner.

**Date:** June 2<sup>nd</sup>, 2011

### Versions:

TWAIN driver:	11.7
ISIS driver:	2.0.11105.24001
Scan Validation Tool:	8.8
WIA:	1.7

### New Features from CD 1.1:

1. n/a

### Improvements from CD 1.1:

1. Updated User Documentation.
2. ISIS- PR#17684 Corrected, Rear color detect learn mode not working in ISIS.
3. ISIS- PR#17933 Energy Star minimum setting changed from 5 to 1 Minute in ISIS.
4. ISIS- PR#17607/17888 Corrected issues with learning mode for Blank Image Detection in ISIS.
5. ISIS- PR#18188 Corrected, copy settings Front to Back button does not copy Auto Rotation Setting.

### Supported Operating Systems:

WINDOWS XP (Home and Professional); SP2 and higher  
WINDOWS XP Professional x64 Edition; SP2 and higher  
WINDOWS Vista; SP1 and higher  
WINDOWS Vista x64 Edition  
WINDOWS 7 (Home and Professional)  
WINDOWS 7 x64 Edition (Home and Professional)

### Supported Models:

Kodak i5200  
Kodak i5600  
Kodak i5800

### Notes:

- The TWAIN driver was not updated in this release and is the same version as on CD 1.1. The firmware version 2.2.3 or higher should be used with these drivers.

## Version CD 1.1 Summary

**Purpose of Release:** This release was the initial shipping release for the Kodak i5200 and Kodak i5600 scanners.

**Date:** February 9<sup>th</sup>, 2011

### Versions:

TWAIN driver:	11.7
ISIS driver:	2.0.11101.26001
Scan Validation Tool:	8.8
WIA:	1.7

### New Features from CD 0.0:

1. n/a

### Improvements from CD 0.0:

1. n/a

### Supported Operating Systems:

WINDOWS XP (Home and Professional); SP2 and higher  
WINDOWS XP Professional x64 Edition; SP2 and higher  
WINDOWS Vista; SP1 and higher  
WINDOWS Vista x64 Edition  
WINDOWS 7 (Home and Professional)  
WINDOWS 7 x64 Edition (Home and Professional)

### Supported Models:

Kodak i5200  
Kodak i5600

### Notes:

- Any installed beta versions of the Kodak i5000 drivers must be uninstalled via Add Remove Programs (both entries “KODAK i5000 Scanner” and “ISIS Driver – KODAK i5000 Series”) before installing this release to enable the updated ISIS driver to install properly.
- Scanner firmware version 1.08 or later should be used with this driver set.