

# Kodak i1800 Series Scanners Firmware Release Notes

## **Version 2.8.4 Summary** (12/23/2013)

### **New Features from FW 2.8.1:**

- Setting the “Power Saver” control to the maximum value of 60 minutes will now prevent the scanner from going into low power mode.

### **Improvements from FW 2.8.1:**

- Fixed issue with ISIS programmatic verification of set Image Address value.
- Fixed backwards compatibility issue with speed alteration files.
- Prevented Error E353 related to more energy efficient e-box cooling fans.

## **Version 2.8.1 Summary** (12/09/2011)

### **New Features from FW 2.7.7:**

- (None).

### **Improvements from FW 2.7.7:**

- Corrected issue with the new style Operator Control Panel touch screen missing button pushes and slow response.

## **Version 2.7.7 Summary** (09/23/2011)

### **New Features from FW 2.6.2:**

- (None).

### **Improvements from FW 2.6.2:**

- Corrected issue with the Fragile Feed Mode setting not being retained when the scanner is turned off or enters Energy Star mode.
- Improved image quality when halftone removal feature is used in conjunction with Fragile Feed Mode setting.

# Kodak i1800 Series Scanners Firmware Release Notes

## Version 2.6.2 Summary (08/31/2010)

### New Features from FW 2.4.0:

- Added ability to support several custom alteration to meet specific customer requests
  - Multifeed Delete Image Alteration
    - No images are created for multifeed events
  - Print Trail Edge Keepout
    - Printing will be stopped sooner before the end of a document
  - Print YYJJJ format,
    - Julian date print format will only print a 2 digit year
  - Transport/Feeder Speed Alterations
    - Allow custom transport motor speeds to allow matching of other scanners velocity flutter profiles.

### Improvements from FW 2.4.0:

- Changed the method of logging alteration files to the operator and event logs. Prior to this release each alteration file would report as a different id= number in the activity log. With this release all alterations that are stored on the CPU board will report into a record with id=123 and the data= number will indicate which alteration is installed. If more than one CPU alteration is installed then more then one id=123 record will be added to the activity log.

[01/01/1970 00:00 docs=0] id=123 LOG ONLY data=0x00000003(3) Alteration applied

[01/01/1970 00:00 docs=0] id=123 LOG ONLY data=0x00000157(343) Alteration applied

ALTERATION NAME	VALUE
TWO_DIGIT_YEAR_ALTERATION	1
PRINTER_TRAIL_EDGE_KEEPOUT_ALTERATION	2
MULTIFEED_DELETE_IMAGES_ALTERATION	3
FIRMWARE_ALTERATION_CHECKDIGIT	123
ATP_METHOD_ALTERATION	309
BITONAL_BOUNDARY_ALTERATION	310
BLACK_THRESHOLD_ALTERATION	311
TRANSPORT_SPEED_ALTERATION_200DPI	324
TRANSPORT_SPEED_ALTERATION_300DPI	325
SHARPENING_ALTERATION	326
AGGRESSIVE_CROP_ALTERATION	329
AO_ECDO_ALTERATION	330
ELEVATOR_ALTERATION	343
PRINTER_FONT_ALTERATION	344
ACD_ALTERATION	366
TPATCH_ALTERATION	367
JPG_TABLE_ALTERATION	369

# **Kodak i1800 Series Scanners Firmware Release Notes**

## **Version 2.4.0 Summary** (04/08/2010)

### **New Features from FW 2.1.3:**

- Added ability to scan in different resolutions front and back when duplex scanning.
- Added ability for Kodak Support to modify JPG compression level via alteration file.
- Added support for Kodak Capture Pro Auto Color Detection with Dual Stream via alteration file.
- Added support for a new replacement Operator Control Panel.

### **Improvements from FW 2.1.3:**

- Corrected issues with E298 and E299 Elevator Sensor errors.
- Corrected issue with rear printer only printing up to 28 characters of a 40 character print string.
- Corrected errors E644/E1044/E244 when scanning a black document with very narrow white edge.
- Corrected issue with missing image of last page scanned if scanning A3 bitonal with rotation and transport timeout set to 1 second.

### **Know Issues:**

**Due the following issues, if you have a Windows 7 (32 or 64bit) operating system on your host PC and you need to update your i1800 scanner's firmware you should place a call to Kodak Support for on-site assistance in downloading the i1800 firmware update.**

**Downloading firmware from a Windows XP(32bit) host does not have the following issues.**

- Firmware download fails when installing firmware from a Windows 7 (32bit or 64bit) host.
  - Microsoft Windows 7 has an issue with IEEE1394 (Firewire) scanners that limits the maximum Firewire command timeout (how long the PC can wait for a command to complete). This limit did not exist on prior Windows Operating Systems. The i1800 firmware upgrade operation takes longer to complete than is allowed by Windows 7 which results in a failed firmware download message. We are currently working with Microsoft on creating a "hotfix" (Knowledge Base article) for this issue. Once that is available we will provide a link here.
- Firmware download fails when installing firmware from a 64bit Windows Operating System (XP, Vista or Windows 7) with more than 3GB of ram installed.
  - This is related to how Windows maps IEEE1394 (Firewire) buffers when using a 32-bit IEEE1394 (firewire) interface card in a host PC with more than 3GB of memory installed. The only workaround for this issue is to temporarily configuring the host PC to use less than 2GB of memory using the Microsoft 'msconfig' utility.

# **Kodak i1800 Series Scanners Firmware Release Notes**

## **Version 2.1.3 Summary** (04/3/2009)

### **New Features from FW 2.0.21:**

- Added a button to the scanners operator control panel's "Setup" screen to enable "Fragile Feed Mode". When enabled the scanners transport speed for 200 dpi(or lower) scanning will be reduced by 33%. This option may be used to improve document transportation and output stacking of delicate or mixed size batches.
- Added a button to the scanners operator control panel to enable "ClearPath" (formerly know as Jog on previous Kodak scanners). Pressing this button will run the transport motors to ensure that there are no documents remaining in the scanner.
- Added a Lower Elevator Button to the scanners main idle display.
- Doubled the rising and falling speed of the scanners input tray. The input tray will rise from fully down to fully up in about 1.4 seconds. The original speed was about 3.2 seconds. (Note: this feature can be disabled by Kodak Service if requested.)
- Enabled the scanners input tray to rise to the feeding position as soon as paper is put into the input tray. The input tray will now return to the user selected loading position as soon as paper is removed from the input tray. If the input tray is descending the elevator can also now start to rise before it reaches the user selected load position. (Note: this feature can be disabled by Kodak Service if requested.)

### **Improvements from FW 2.0.21:**

- Corrected Images of T-Patch Documents not sent to host if Color Toggle is also selected.
- Enabled alteration to use version 1.x style bold fonts.
- Corrected an issue with a broken line on the extreme edge of a blank images that was causing blank images size to be more than 1k.
- Prevented some E299 Errors caused by operators interfering with the input tray as it is rising from the home position.
- Prevented some E298 Errors when elevator is descending.
- Corrected some truncation of Japanese and Italian text on the scanners operator control panel.
- Increase the size of the scanners service logs from 300 to 1000 lines.
- Kodak Service ClearFlash operation no longer removes AScanner and Aipb files.
- Corrected issue only seen with the High Resolution Printer where the Print String would not incremented soon enough following level 2 patch.
- Corrected issue only seen with the High Resolution Printer where the scanner would stop printing after PAPER JAM and frequently generate a 230 Error.
- Corrected 'Call for Service' errors (E008, E411 and E811).

# **Kodak i1800 Series Scanners Firmware Release Notes**

## **Version 2.0.21 Summary** (9/24/2008)

### **Improvements from FW 2.0.13:**

- Corrected 'Call for Service' errors (E008,E153,E411,E811,E516,E54)
- Improved Auto Orientation feature when used with color dropout
- Improved Linux support by removing VENDOR\_DEPENDENT response to SBP INQUIRY status on successful connection
- Enabled printing of Julian date with High Resolution Printer accessory
- Enabled image length adjustment with custom alteration
- Enabled alternate image cropping with custom alteration
- Enabled alternate Auto Orientation method with custom alteration

## **Version 2.0.13 Summary** (03/14/2008)

### **Improvements from FW 2.0.12:**

- Corrected 'Clear Halt' (E574 or E974) Document output synchronization problem

## **Version 2.0.12 Summary** (01/18/2008)

### **New Features from FW 1.1.10:**

- Automatic Orientation\*
- Image Address / Patch Reading / Batching support for i1840\*
- Printer toggle on/off OCP button
- Printer Offset OCP button
- Russian and Korean OCP language support
- Elevator remains in place when transport is paused for a multifeed.

(\*Host TWAIN driver must be version 9.25.5 or greater and the ISIS driver must be version 2.0.10801.24001 or greater to enable this feature.)

### **Improvements from FW 1.1.10:**

1. Improved Scanner stability following jams and multifeeds.
2. Increased the width of the bold printer font.
3. Corrected issue with TWAIN TWEI\_HDR\_PATCHDETECTED processing
4. Improved image delivery to host during multifeed event
5. Correct issue with 'T' Patch read indicator in image headers
6. Allow OCP patch test to process more that 100 patch documents

## **Version 1.1.10 Summary** (10/05/2007)

### **Improvements from FW 1.1.9:**

- Corrected Operator Control Panel software failures.
- Corrected Operator Control Panel delays in screen updates.

## **Version 1.1.9 Summary** (07/20/2007)

### **Improvements from FW 1.1.5:**

- Corrected processing of Transfer patches
- Corrected 'Call Service' (E299) check elevator sensors conditions.
- Corrected conditions where patch pages were being imprinted.
- Corrected sequential counter when using Toggle patches.

# **Kodak i1800 Series Scanners Firmware Release Notes**

## **Version 1.1.5 Summary** (05/01/2007)

### **New Features from FW 1.0.26:**

- Model i1840 now available
- High Resolution Accessory support
- Larger active touch area for frequently used buttons on OCP (Start, Pause, Resume, End of Job)
- Added support for autocropping alteration which produces images with a 32 bit boundary

### **Improvements from FW 1.0.26:**

- Corrected Omit Multifeed function key behavior
- Improved behavior of scanner when doing single sheet feeding
- Improved message and status viewing on OCP
- Improved location of frequently used buttons on OCP

## **Version 1.0.26 Summary** (02/07/2007)

### **Improvements from FW 1.0.22:**

- Corrected 'Call Service' (E153) conditions at power up and runtime
- Corrected Julian Date print formats Increased size of frequently used buttons on OCP
- Improved display for calibration results on OCP
- Improved message displays on OCP
- Image Address level changes via the OCP are now only allowed when in Enabled state
- Corrected Omit Patch function key behavior
- Corrected printing on last document of a batch

## **Version 1.0.22** (11/13/2006)

- Original Customer Release