

## **Kodak i800 Series Scanners Firmware Release Notes 1.1.1 to 3.10.0**

---

### **Version 3.10.0**

#### **Summary**

- Enable EnableLowResECDO and DisableLowResECDO alteration files.
- Fixed problem with Mechanical Calibration after uncompressed bitonal scanning.

### **Version 3.8.0**

#### **Summary**

- Printer stopped printing when scanning alternating long and short docs and printer offset longer than the shortest document scanned. This problem was introduced in v3.6.0. The software timer used for the start/end printing was replaced by a hardware timer. Printing will now continue if a document shorter than the print offset is scanned.
- Serial number being lost after a power loss or other event has been resolved. The serial number is written to a file on the scanner whenever any of the many other system parameters are updated.

### **Version 3.7.0**

#### **Summary**

- The autowhite coarse and fine levels are always adjusted, no matter if lamps have been off for a few seconds or many hours.

### **Version 3.6.0**

#### **Summary**

- Reduced the trail edge print timeout distance from .5" to .3" when printing at 200dpi.

### **Version 3.4.0**

#### **Summary**

- Disable Gamma setting is now defaulted to 0

### **Version 3.1.0**

#### **Summary**

- Compressed grayscale has been added.
- Uncompressed grayscale has been added on new manufactured scanners. These scanners will begin with serial number 12828034 and above.
- Printer check digit functionality has been added to allow check digit to be enabled/disabled from the host. This feature requires a firmware alteration file to be downloaded to the scanner.
- Cine and comic 180 fonts print orientation has been added.

#### **Improvements**

- Electronic Color Dropout algorithm.
- Patch reading tolerance relaxed.
- Batching operation.
- Katakana print font.
- Missing/duplicate print characters corrected.
- Reduced the frequency of **Calibrate Scanner Now** message.
- All scanners now support iThresholding, Toggle Patch and Brightness &
- Contrast Control.

## Version 2.5.1

### Summary

- Corrects a problem that occurs when a document is fed to the extreme outer edges extending beyond the image sensor. The image may be cut off.

## Version 2.2.2

### Summary

- Fixed a possible performance issue where under a very unique set of conditions, paper passes through the transport but the images are not seen on the host application viewer.

## Version 2.1.9

### Summary – New

- iThresholding improved for blank pages and lead/trail edges. \*
- iThresholding improved for use with electronic color dropout. \*

### Improvements

- Improved scanner calibration.
- Scanner behavior modified when the elevator position is set to 25 for continuous and hand-feed operation.
- Additional improvements to batching and image addressing.
- Improved the transport and power-on meter readings.
- A lamp wake-up function was added to the scanner OCP.
- Overall improvements to deskew.
- Firmware alteration patch enables use of original 32-bit aligned images. Patch must be downloaded.
- Corrected a potential condition which could result in image decompression error
- Corrected a timing condition where the Document Printer 1 intermittently dropped the first character.

## Version 2.1.1

### Summary - New

- New iThresholding option added. iThresholding is a bi-tonal-only feature that automatically selects the ATP threshold and contrast value. \*
- New Toggle Patch / Color on the Fly function. The Toggle Patch feature allows an operator to switch *on-the-fly* between generating bi-tonal and color images. This option uses the Type 4 patch to toggle between bi-tonal and color. \*
- New support for custom color tables created using *Kodak* Brightness and Contrast Control. \*

### Improvements

- Leading zero added to printed month, day, and hour.
- Add Request sense code for Multi-feed Detect.
- Jam Request sense code for “Check Document Preparation” caused by gap too small now available.
- Improved ability to auto-crop and deskew wide documents.
- Improved auto-cropping by reducing sensitivity to dust.

- Improved auto-cropping which further reduced black borders (no longer padding images to 32-bit alignment).
  - New aggressive cropping option to eliminate all black borders.
  - Firmware version now displayed on scanner operator control panel via the “i” key.
  - Improved scanner behavior for open interlock conditions.
  - Improved scanner batching and image addressing.
- \* Scanners with serial numbers below 12273100 require a license key to enable these features.

**Version 1.11.3****Summary**

- Corrects the possibility of another intermittent condition that could result in image cut-off while scanning documents.

**Version 1.10.1****Summary**

- Corrects the possibility of an intermittent condition that could result in image cut-off while scanning documents.

**Version 1.8.2****Summary**

- Improved scanner behavior for "Check Document Preparation" when gap between documents is too small.
- Improved OCP patch test. The OCP display will now display a blank line if the patch could not be read or if no patch was on a scanned document. At the end of the patch test when the Stop button is pressed, the OCP displays the total number of patch test documents scanned and the number of those documents that contained a readable patch.
- Reduced patch reading sensitivity to document skew.
- Corrected a condition in which a jam could cause the last document to be imaged twice.

**Version 1.4.2****Summary**

- Improved deskew angle calculations for documents skewed less than two degrees.
- Improved scanner calibration.
- Reduced the number of **Clean imaging guides** messages.
- Improved patch reading sensitivity.
- Eliminated **Lamps ready for calibration** message. This message caused some confusion indicating a possible need for calibration. Scanner function is not affected.
- Improved large print font.
- Improved OCP fonts for Katakana. The new fonts provide more accurate communication of messages in Japanese.