Kodak i700 Series Scanners Firmware Release Notes

Version 2.4.0 Summary (03/24/2010)

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.

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 <u>and</u> you need to update your i700 scanner's firmware you should place a call to Kodak Support for on-site assistance in downloading the i700 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 i700 firmware upgrade operation takes longer to complete than is allowed by Windows 7 which results in a failed firmware download message. We have found that the actual i700 firmware download into the scanner is successful but the timeout limit is exceeded before the upgrade operation completes. If the scanner is not rebooted immediately following the failed download message the scanner's firmware will be successfully updated despite the failure 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.

Version 2.1.3 Summary (04/03/2009)

New Features from FW 2.0.21:

- Doubled the raising 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:

- 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.
- 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 'Call for Service' errors (E008, E411 and E811).
- Corrected an issue with the led edge offset for printing being too great.

Version 2.0.21 Summary
New Features from FW 2.0.13:
- Support for new Kodak i730 and i750 Scanners

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 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
Improvements from FW 2.0.12:
- Corrected 'Clear Halt' (E574 or E974) Document output synchronization problem.

Version 2.0.12 Summary
- Original Customer Release