Zebra Evolution Update for Scanners

The following scanner updates have been released in the last quarter (January through March of 2023). Subscribe to this notification.

Firmware - What's new

Software Tools - What's New

Firmware - What's New

For information on previous plugin / firmware releases see the release notes in 123Scan.

Supported Models	CS6080-SR CS6080-HC CR6080-PC CR6080-SC
Plug-in Names	CS6080-SR Scanner to Cradle-S-006 CS6080-HC Scanner to Cradle-S-006
Firmware	PAAEWS00-003-R00
Release Notes	** * Release - SAAEWS00-003-R00 * Scanner - CAAEWS00-003-R00 - January 2023 * Cradle - CAAFAS00-002-R01 - June 2022 ** - Fixed issue with Bluetooth HID slow transmission - Fixed issue where SSI parameter barcodes did not work on corded units - Fixed issues with pairing with an iOS device using Zebra Scanner Control app
Release Date	01-02-23

Supported Models	CS6080-SR CS6080-HC
Plug-in Names	CS6080-SR Scanner using Bluetooth-S-006 CS6080-SR Scanner with USB Cable-S-006 CS6080-HC Scanner using Bluetooth-S-006 CS6080-HC Scanner with USB Cable-S-006
Firmware	PAAEWS00-003-R00
Release Notes	**

```
* Release - CAAEWS00-003-R00 - January 2023

***************************************************************

- Fixed issue with Bluetooth HID slow transmission

- Fixed issue where SSI parameter barcodes did not work on corded units

- Fixed issues with pairing with an iOS device using Zebra Scanner Control
app
```

Release Date	01-02-23

Supported Models	DS2278-SR DS2278-HC
Plug-in Names	DS2278-STANDARD SR MODELS - No Cradle-S-019 DS2278-STANDARD HC MODELS - No Cradle-S-007
Firmware	PAADFS00-006-R00
Release Notes	```\n**\n\n* Firmware : CAADFS00-006-R00 - April 2023\n\n**\n\n- Updated for supply chain material changes\n```
Release Date	29-03-23

Supported Models	DS2278-SR DS2278-HC CR2278-PC
Plug-in Names	DS2278-STANDARD SR MODELS + CRADLE-S-037 DS2278-STANDARD HC MODELS + CRADLE-S-009
Firmware	PAADFS00-006-R00
Release Notes	```\n**\n\n* Firmware : SAADFS00-006-R00\n* Scanner : CAADFS00-006-R00 - April 2023\n\n* Cradle : CAADNS00-005-R00 - April 2023\n\n**\n\n- Updated for supply chain material changes\n\n- Fixes batch mode issue on certain cradles\n```
Release Date	29-03-23

Supported Models	DS8108-SR

	DS8108-DL DS8108-HC
Plug-in Names	DS8108-STANDARD SR MODELS-S-031 DS8108-STANDARD DL MODELS-S-031 DS8108-STANDARD HC MODELS-S-031
Firmware	PAACZS00-008-R01

Release Notes	`*********************************************************`
	
	`* Release - CAACZS00-008-R01 - January 2023`
	
	`*********************************************************`
	
	`- Updated to ADF v2.0 with next level data formatting`
	
	`- Added ADF over SNAPI`
	`- Added ADF over SSI`
	`- Added parameter to disable Decode LED`

Release Date	12-01-23

Supported Models	DS8178-SR DS8178-DL DS8178-HC CR8178-PC CR8178-SC
Plug-in Names	DS8178-SR + TGCS CRADLE-S-008 DS8178-STANDARD SR MODELS + CRADLE-S-041 DS8178-DL + TGCS CRADLE-S-008 DS8178-STANDARD DL MODELS + CRADLE-S-041 DS8178-STANDARD HC MODELS + CRADLE-S-041
Firmware	PAACXS00-008-R01

Release Notes	`*********************************************************`
	
	`* Release - SAACXS00-008-R01 - January 2023`
	
	`* Scanner - CAACXS00-008-R01 - January 2023`
	
	`* Cradle - CAACYS00-007-R01 - January 2023`
	
	`*********************************************************`
	
	`- Updated to ADF v2.0 with next level data formatting`
	
	`- Added ADF over SNAPI`
	`- Added ADF over SSI`
	`- Added parameter to disable Decode LED`

Release Date		12-01-23

Supported Models	DS8178-SR DS8178-DL DS8178-HC CR8178-PC CR8178-SC
Plug-in Names	DS8178-SR + TGCS CRADLE-S-009 DS8178-STANDARD SR MODELS + CRADLE-S-042 DS8178-STANDARD DL MODELS + CRADLE-S-042 DS8178-STANDARD HC MODELS + CRADLE-S-042
Firmware	PAACXS00-009-R00
| Release Notes | ```
*********************************************************

* Release - SAACXS00-009-R00 - March 2023

* Scanner - CAACXS00-009-R00 - March 2023

* Cradle - CAACYS00-008-R00 - March 2023

*********************************************************

- Updated for supply chain material changes

- Updated to FIPS 140-3
- Fixes batch mode issue on certain cradles

- Improved pairing with iOS SDK
``` |

Release Date		08-03-23

Supported Models	RS51B0-LB RS51B0-LE RS51B0-LN RS51B0-TB RS51B0-TE RS51B0-TN RS51B0-WB RS51B0-WE RS51C0-LB RS51C0-LE RS51C0-LN RS51C0-TB RS51C0-TE RS51C0-TN
Plug-in Names	RS51B0-STANDARD MODELS-S-005
Firmware	PAAEXS00-002-R01

| Release Notes | ```
*************************************************

* CAAEXS00-000-R01 - Jan 2023
*************************************************

1) Combine firmware test package with R01 firmware for both old and new
hardware (R07).

2) 123scan plug in modified to include all the model numbers of Firefly
Synaptics (RS51C0).

3) This plugin supports all SKUs of RS5100.

4) The plug in version is bumped up to 005.
``` |
|---|---|
| Release Date | 19-01-23 |

Supported Models	SE2707-LS SE2707-LU
Plug-in Names	SE2707-COMMON MODELS-S-008
Firmware	PAADLS00-002-R06
| Release Notes | ```
*************************************************

* Release CAADLS00-002-R06 - March 2023

*************************************************

- Fix for issue with some Japan Postal codes

- Added Codabar Security Level parameter
``` |
| Release Date | 24-02-23 |

Supported Models	20-4107-LU000R SE4107-LS SE4107-LU
Plug-in Names	SE4107-COMMON MODELS-S-003
Firmware	PAAEYS00-001-R02
| Release Notes | ```
*****************************************************************

* Firmware version CAAEYS00-001-R02 - January 2023

*****************************************************************

1. Fixed issue with some Shift-JIS QR barcodes missing last digits

2. Fixed issue with some Japan Postal codes adding extra digit

3. Fixed issue where on power up, when taking an image, it was often
mirrored

4. Fixed issue not being able to disable illumination in mobile phone mode
``` |
| Release Date | 23-01-23 |

Software Tools - What's New
Download available at Zebra's Scanner Software Support site.

123Scan v6.00.0007 - 04/2023

1. Updates to Advanced Data Formatting (ADF) capabilities,

  a. Added a new tooltip that displays a summary of the programmed criteria within an ADF rule. This tooltip is visible from the main ADF screen when hovering over an action or criteria.
  b. ADF Library enhancements
    i. Added ADF version # (for a rule) to the ADF library UI.
    ii. Added a notes section allowing a user to document the rules capabilities. The note can be up to 1000 characters.

    iii. Added a "ADF Testing Report" for Zebra provided rules, to assist in learning and testing the ADF rule.
  c. Added support for new ADF Actions, listed below,
    i. Beep After Delimiter
    ii. Stop Beep After Delimiter
    iii. Pause After Delimiter
    iv. Stop Pause After Delimiter
    v. LED Indicator After Delimiter
    vi. Stop LED indicator After Delimiter
    vii. Vibrate After Delimiter
    viii. Stop Vibrate After Delimiter
    ix. Send up to Pattern
    x. Send from X to Y Positions

  d. Enhanced ADF Library to update with new Zebra provided rules when loading installation software. Note existing customer ADF rules in the library will still be present after update.

  e. Bug fix – Fixed rare issue of incorrect computation of total ADF memory used.

2. Bug fix – Fixed issue that causes firmware update to fail if attempting a firmware update while an automatic plug-in update was in progress.

3. Enhanced the "Configuration Summary" screen displayed when opening a config file from the start screen, it now displays the Windows file name.

Barcode Scanner SDK for Windows v3.06.0028 - 04/2023

1. Add support for BT (SSI over Bluetooth) support through the OPOS and JPOS drivers.
2. Enhanced OPOS driver

  a. Bug fix – Now only OPOS log files created by the OPOS driver that reside in the OPOS log file path are deleted by the circular log management system.
  b. Bug fix – Fixed log file path issue for file deletion when max log file count is reached in a custom log file path.

c. Updated the Scale status update events to be fired either when a change of weight reading is detected or when a change in scale status is detected.

d. Bug fix – Fixed rare case of incorrectly deleting a log file based on its maximum file size specified in the OPOS log configuration registry keys.

3. Enhanced JPOS driver

a. Bug fix in Sample App – Fixed error message incorrectly displayed in JPOS Sample application when Zero Scale command is called and weighing item below 30 grams.

b. Update JPOS driver to fire Scale status update events whenever a status update and a weight change is detected.

c. Bug fix in Sample App – Made the display format for scale weight consistent in the sample application for Read Weight, Live Weight and Direct IO NCR Live Weight calls.

d. Bug fix in JPOS Sample App – Fixed application lockup if enabling both live weight and auto disable simultaneously.

4. CoreScanner Driver

a. Added device re-enumeration logic to make the CoreScanner more robust against USB failures occurring at device discovery and device initialization.

b. Bug fix – Improved methodology to detect if device is already available in the discovered scanners list. Now uses device path instead of device serial number.

Scan-To-Connect Utility for Windows v4.02.0007 - 04/2023

1. Bug fix – The correct pairing barcode is now generated for "Zebra Printer Option" when the Enhanced HID communication option is selected.

Barcode Scanner SDK for Linux v4.4.1-32 - 04/2023

1. Active Focus Manager (AFM) Module - Alpha release for customer evaluation. Available for download separately, not bundled with the SDK.

2. Enhanced Driver Data Formatting (DDF) module – Alpha release for customer evaluation - Added support to incorporate ATL key combinations using the Driver Data Formatting (DDF) module. This functionality enables an ALT key combination to be added to barcode data when using Simulated HID Keyboard.

a. Configuring this capability is located in the CoreScanner configuration xml file.

b. An example of this capability is sending "ALT [+ Data + Enter"; also "ALT [+ Data + TAB".

c. This initial implementation can only support sending ALT + one key sequence like "ALT [".

d. This new ALT key capability supports modifying data using a Prefix only (Suffix with ALT key is not supported).

3. Command Line Utility (CLU) – Initial release. This utility provides scripting control of Zebra scanner. Supported functionality includes:
  a. Reboot of a scanner
  b. Parameter Control
    i. Param Get and Set
    ii. 123Scan config file consumption
  c. F/W update
4. Enhanced JPOS driver

  a. Bug fix in Sample App – Fixed error message incorrectly displayed in JPOS Sample application when Zero Scale command is called and weighing item below 30 grams.
  b. Update JPOS driver to fire Scale status update events whenever a status updates and a weight change is detected.

  c. Bug fix in Sample App – Made the display format for scale weight consistent in the sample application for Read Weight, Live Weight and Direct IO NCR Live Weight calls.
  d. Bug fix in JPOS Sample App – Fixed application lockup if enabling both live weight and auto disable simultaneously.

Barcode Scanner SDK for Android v2.6.16.0 - 04/2023

1. Bug fix – Fixed crash when application (SDK created app) moved to background. Issue resolved a null pointer exception.

2. Added reconnect option to enable reconnection even when go out of range and come back outside programmed time-out period. Now to reconnect (outside the timeout period) double click the trigger button. This only works in "SSI over Bluetooth Classic" mode.

Barcode Scanner SDK for iOS v1.4.38 - 04/2023

1. Added ADF support for Barcode data. Now if an ADF rule is applied when connected to an iOS device, the ADF will be applied on output to the mobile device.

Scan-To-Connect Utility for Android v2.2.10.0 - 04/2023

1. Added support for Android 13 and Android SDK API level 33.

2. Add BLE STC (Scan-To-Connect) paring for non-English languages.