Zebra Evolution Update for Scanners

The following scanner updates have been released in the last quarter (April through June 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	DS8108-SR DS8108-DL DS8108-HC
Plug-in Names	DS8108-STANDARD SR MODELS-S-032 DS8108-STANDARD DL MODELS-S-032 DS8108-STANDARD HC MODELS-S-032
Firmware	PAACZS00-010-R00
Release Notes	*** * Release - CAACZS00-010-R00 - May 2023 *** - Updates to ADF v2.0
Release Date	2023-05-08

Supported Models	2356-8178-0000 2356-8179-0000 DS8178-SR DS8178-DL DS8178-HC CR8178-PC CR8178-SC
Plug-in Names	DS8178-SR + TGCS CRADLE-S-010 DS8178-STANDARD SR MODELS + CRADLE-S-043 DS8178-DL + TGCS CRADLE-S-010 DS8178-STANDARD DL MODELS + CRADLE-S-043 DS8178-STANDARD HC MODELS + CRADLE-S-043
Firmware	PAACXS00-010-R00
Release Notes	*** * Release - SAACXS00-010-R00 - May 2023 * Scanner - CAACXS00-010-R00 - May 2023 * Cradle - CAACYS00-010-R00 - May 2023 *** - Updates to ADF v2.0
Release Date	2023-05-08

Supported Models	LI4278-SR LI4278-TR CR0078-PC
Plug-in Names	LI4278-PRESENTATION SR MODELS-S-018
Firmware	PAABIS00-005-R00
Release Notes	*** * Firmware version * LI4278 Scanner : PAABIS00-005-R00 - Apr 2023 * CR0078-P Cradle : PAAAKS00-004-R01 - Sep 2016 *** 1) Support for supply chain material changes
Release Date	2023-04-04

Supported Models	LI4278-SR LI4278-TR CR0078-SC STB4278-C0
Plug-in Names	LI4278-STANDARD SR MODELS-S-019
Firmware	PAABIS00-005-R00
Release Notes	*** * Firmware version : SAABIS00-005-R00 * LI4278 Scanner : PAABIS00-005-R00- Apr 2023 * CR0078-S Cradle : NBCACAAS - Sep 2016 *** 1) Support for supply chain material changes
Release Date	2023-04-04

Software Tools - What's New

Download available at Zebra's Scanner Software Support site.

CoreScanner Driver for Windows v3.07.0038 - 07/2023

1. Added a new call (Opcode) to configure DDF (Driver Data Formatting) programmatically. Previously this was only supported manually from Config.xml file.
2. Simulated HID Keyboard - Added support to configure ScanCode, in addition to existing Virtual Key code support in simulated HID Keyboard through settings in the Config.XML file.
3. Driver Data Formatting - Added ATL key combination support in the Driver Data Formatting (DDF). 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 appending "ALT [+ Data + Enter" to the barcode data. Another example is "ALT] + Data + TAB".
   c. Solution supports sending ALT + one ASCII key sequence like "ALT [".
   d. Solution supports appending a Prefix only. Appending a Suffix is not supported.
4. Bug fix - Fixed intermittent MP7000 Reset during GetScanners call.
5. Bug fix - Fixed intermittent CoreScanner reset when a cascaded device like the DS8178 rebooted/disconnected, causing the MP7000 to reset.
6. Bug fix - Fixed intermittent CoreScanner error when reading Scale Weight from MP7000 when a cascaded scanner like DS8178 gets disconnected/reconnected or rebooted.

Barcode Scanner SDK for Windows v3.06.0029 - 07/2023

1. Enhanced OPOS driver
   a. Bug fix - Fixed issue on incorrect check health text returned from query.
   b. Bug fix - Resolved issue in reading the weight when multiple reads are requested via API call (almost simultaneously) and DataEvent is enabled.
   c. Bug fix - Fixed incorrectly clearing of both ScanData and ScanDataLabel properties when ClearInput is called.
   d. Sample App Bug fix - Fixed incorrect value set for GoodScanCount when Updating Statistics via JPOS Sample application, using a non-numeric value.
2. Enhanced JPOS driver
   a. Bug fix - Fixed issue that incorrectly appended a Label ID for "NCR label" with barcode type ISSN.
   b. Bug fix - Fixed issue relevant to error arguments (locus and response) in JPOS read weight events.
   c. Sample App Security fix - Updated library "xercesImpl.jar" used in JPOS Sample application from v2.11.0 to v2.12.2 to resolve security vulnerabilities.
   d. Sample App Bug fix - Device enable button's state now gets updated upon enabling auto device enable (button) in JPOS scale.
   e. Sample App Bug fix - Barcode name now correctly displayed for Han Xin Code.

123Scan v6.00.0011 - 07/2023

1. Updates to Advanced Data Formatting (ADF) capabilities
    a. Added ADF version info on the main ADF screen, that shows all ADF rule tabs.
    b. Added new criteria called "String match from End position".
    c. When specifying communication protocol within an ADF rule, 123Scan only shows what is supported in your plugin / firmware version.
    d. Update UI element when writing a rule - "View / Edit" link in ADF Actions replaced with a new "three dots within a circle" icon.
    e. Added "Back" icon to close the ADF Actions list.
    f. ADF Library Updates.
        i. Default ADF rules in the library are now read-only and cannot be deleted from the ADF library.
        ii. To modify default ADF rules - Add rule to a config, modify it and then save it to library under your desired name.
    g. Enhanced automatic plug-in download - Now supports automatic plugin download when opening a saved configuration file containing ADF rules, when an exact matching plug-in is not found in the host PC. If required, plugin automatically downloads. This may take up to 20 seconds.
2. Bug fix - In Chinese localization mode, resolved issue loading configuration with MDF settings through a USB cable.

Active Focus Manager (AFM) for Windows v1.0.7.0 - 07/2023 (Initial Release)

1. Added support to configure Driver Data Formatting (DDF) in CoreScanner from the AFM configuration file (AppSettings.xml) based on the active focus screen.
2. Implemented a new logging module for AFM to track application execution flows and error logging details.
3. Added support to install and launch AFM based on admin/user privileges.
4. Added support to configure AFM to launch at Windows start up using command line.

Barcode Scanner SDK for Android v2.6.19.0 - 07/2023

1. Added remote management support to the Scanner SDK for Android. Remote management supports both Firmware and Config File update through the consumption of an SMS package. Details: Place SMS Package in "Download/ZebraSMS" folder (programmable location). Folder automatically created when installing SDK. For additional details see Scanner SDK for Android TechDocs page.
2. Added SMS package (Firmware and Config File) consumption support to the Android Scanner Control Application (SCA). Details: Place SMS Package in "Download/ZebraSMS" folder (programmable location). Folder automatically created when installing SCA. For additional details see Scanner SDK for Android TechDocs page.

Barcode Scanner SDK for Linux v4.4.1-34 - 07/2023

1. Enhanced JPOS driver
    a. Bug fix - Fixed issue that incorrectly appended a Label ID for NCR label with barcode type ISSN.
    b. Bug fix - Fixed issue relevant to error arguments (locus and response) in JPOS read weight error events.
    c. Sample App Security fix - Updated library "xercesImpl.jar" used in JPOS Sample application from v2.11.0 to v2.12.2 to resolve security vulnerabilities exposed from v2.11.0.
    d. Sample App Bug fix - Device enable button now gets updated upon enabling auto device enable (button) in JPOS scale.
    e. Sample App Bug fix - Barcode name now correctly displayed for Han Xin Code.
2. Command Line Utility (CLU) - Bug Fix - Addressed memory allocation issue with "reboot" and "getattribute" commands.

Scanner Xamarin Wrapper (Android and iOS) v1.0.18.0 - 07/2023

1. Added Android 13 support. Note Android 10 and older versions no longer supported.
2. Added iOS 16 support. Note iOS 13 and older versions no longer supported.