Zebra Evolution Update for Scanners

The following scanner updates have been released in the last quarter (October through December 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	DS3608-SR DS3608-DL DS3608-ER DS3608-HD DS3608-HP
Plug-in Names	DS3608-STANDARD SR MODELS-S-027 DS3608-STANDARD DL MODELS-S-005
Firmware	PAACJS00-011-R01
Release Notes	** * Release CAACJS00-011-R01 - Dec 2023 ** 1. Updated to ADF2.0 2. Added 'Send all Fields' option to UDI Label Parsing 3. Fixed issue with not being able to scan ADF barcode "Send Command Key"
Release Date	2023-12-20

Supported Models	DS3678-SR DS3678-DL DS3678-ER DS3678-HD DS3678-HP FLB3678-C1 STB3678-C1
Plug-in Names	DS3678-STANDARD SR MODELS + CRADLE-S-032 DS3678-STANDARD DL MODELS + CRADLE-S-005
Firmware	PAACKS00-011-R01
Release Notes	** * Release SAACKS00-011-R01 * Scanner : CAACKS00-011-R01 - Dec 2023 * Cradle : CAACNS00-007-R01 - Dec 2023 ** 1. Updated to ADF2.0 2. Upated to FIPS 140-3 3. Added 'Send all Fields' option to UDI Label Parsing 4. Fixed issue with communications with the EA3600 when scanner is in the cradle 5. Fixed issues with batch mode over contacts 6. Fixed issue with not being able to scan ADF barcode "Send Command Key"
Release Date	2023-12-19

Supported Models	DS3678-SR DS3678-DL DS3678-ER DS3678-HD DS3678-HP
Plug-in Names	DS3678-STANDARD SR MODELS-No cradle-S-015 DS3678-STANDARD DL MODELS-No cradle-S-005
Firmware	PAACKS00-011-R01

Release Notes	*** * Release SAACKS00-011-R01 * Scanner : CAACKS00-011-R01 - Dec 2023 * Cradle : CAACNS00-007-R01 - Dec 2023 *** 1. Updated to ADF2.0 2. Added 'Send all Fields' option to UDI Label Parsing 3. Fixed issue with not being able to scan ADF barcode "Send Command Key"
Release Date	2023-12-19

Supported Models	DS4608-SR DS4608-DL DS4608-HC DS4608-HD DS4608-HL DS4608-TT
Plug-in Names	DS4608-STANDARD SR MODELS-S-016 DS4608-STANDARD DL MODELS-S-016 DS4608-STANDARD HC MODELS-S-016 DS4608-STANDARD TT MODELS-S-016
Firmware	PAAEIS00-003-R00
Release Notes	*** ** Release 16 - CAAEIS00-003-R00- December 2023 *** 1. Updated UDI Label Parsing to ?Send all Fields? 2. Added ADF 2.0 3. Added ADF over SSI 4. Added ADF over SNAPI 5. Added Add HID Shift parameter to USB Keyboard to send a few non-printable characters as CTRL-SHIFT-
Release Date	2023-12-11

Supported Models	MP7000-LH MP7000-LN MP7000-LP MP7000-MH MP7000-MN MP7000-MP MP7000-SH MP7000-SN MP7000-SP MP7000-SV MP7001-LC MP7001-LH MP7001-LN MP7001-LP MP7001-LPS0M00US-U MP7001-MC MP7001-MH MP7001-MN MP7001-MP MP7002-LN MP7002-MN MP7010-LN MP7010-LP MP7010-MN MP7010-MP MP7010-SN MP7010-SP MP7011-LC MP7011-LN MP7011-LP MP7011-MC

	MP7011-MH MP7011-MN MP7011-MP MP7012-LN MP7012-MN
Plug-in Names	MP7000-COMMON SR MODELS-S-032 MP7001-COMMON SR MODELS-S-032 MP7000-COMMON DL MODELS-S-032 MP7001-COMMON DL MODELS-S-032
Firmware	PAADGS00-004-R02
Release Notes	*** * Firmware version CAADGS00-004-R02 - June 2023 *** 1. NCR and Datalogic host types over USB CDC 2. Alternate Beep Volume for Not on File (Params #2383 & #2384) 3. TGCS parameters a. IBM Flash Update Enable - #1727 b. IBM Scanner Generic Management Info - #1940 c. IBM Scanner Vendor Specific Management Info - #1941 d. IBM Scale Generic Management Info - #1942 4. Fix intermittent system reset when Aux scanner reconnects during a scan session. 5. Automatic trigger scanning session after a scan disable / scan enable sequence to prevent same item left on platter or in field of view from being decoded a second time. (Parameter #2398) 6. Added extended symbol timeout for GS1 Databar bar codes. (Parameter #2399) 7. Programmable number of beeps for Not On File Event (Parameter #2411) 8. Synchronize boot up beeper volume with system volume setting (Parameter #2412) 9. Changed beep sequence for unknown code types on RS-232 NCR host type to 5 long low. 10. Added code types to NCR host (RS-232 and USB CDC) a. UPC-E1 E b. EAN-8 2 digit supps FF c. EAN-8 5 digit supps FF d. Pharmacode A e. Code 93]G0 f. GS1 DataMatrix]d0 g. GS1-QR Code]Q0
Release Date	2023-11-16

Supported Models	MP7000-LH MP7000-LN MP7000-LP MP7000-MH MP7000-MN MP7000-MP MP7000-SH MP7000-SN MP7000-SP MP7000-SV MP7001-LC MP7001-LH MP7001-LN MP7001-LP MP7001-LPS0M00US-U MP7001-MC MP7001-MH MP7001-MN MP7001-MP MP7002-LN MP7002-MN MP7010-LN

	MP7010-LP MP7010-MN MP7010-MP MP7010-SN MP7010-SP MP7011-LC MP7011-LN MP7011-LP MP7011-MC MP7011-MH MP7011-MN MP7011-MP MP7012-LN MP7012-MN
Plug-in Names	MP7000-COMMON SR MODELS-S-035 MP7001-COMMON SR MODELS-S-035 MP7000-COMMON DL MODELS-S-035 MP7001-COMMON DL MODELS-S-035
Firmware	PAADGS00-005-R00
Release Notes	*** * Firmware version CAADGS00-005-R00 - Nov 2023 *** 1. Fix for U13 scale calibration issue when reversing Calibration procedure 2. EAS bug fix 3. CDC Datalogic support added 4. NCR Protocol updates 5. Updated Imagekit which includes the following : a. Improved 2D decode performance b. Added Dotcode c. Added Gridmatric d. Added Codabar Check Digit and Security Level e. Added Transmit EAN-8 and EAN-13 Check Digit f. Added Linked QR
Release Date	2023-11-29

Supported Models	SM7201-SR SM7208-SR SM7201-DL SM7208-DL SP7201-DH SP7201-DV SP7201-SH SP7201-SV SP7208-DH SP7208-DV SP7208-SH SP7208-SV
Plug-in Names	SP7208-STANDARD SR MODELS-S-003 SP7208-STANDARD DL MODELS-S-003
Firmware	PAAFVS00-002-R01
Release Notes	*** * Firmware version CAAFVS00-002-R01 - October 2023 *** 1. Added Color Camera support 2. Added Sensormatic support 3. Added Staging Flash Drive support 4. General Decoding improvements 5. Enhanced the Cell Mode parameter (716) 6. Improved Level-Trigger mode functionality (138=0) 7. Improved Auxiliary port functionality a. Unsupported USB devices are rejected and produce an error beep (4-beeps) b. Aux USB fault detection. While a fault is detected the unit will emit lo-hi-hi-lo beep every 10s 8. Factory reset will switch External Speaker Mode back to Internal Speaker mode

	9. Added Parameter Lock:802 and Parameter Unlock:803 parameters with a 4 digit pin 10. Fixed NCR USB CDC Prefix for PDF and Data Matrix Symbology
Release Date	2023-10-16

Software Tools - What's New

Download available at Zebra's site.

CoreScanner Driver for Windows v3.07.0044 - 01/2024

1. Digital Signing of Zebra SNAPI Driver - Updated the digital signature of Zebra SNAPI Imaging Interface to support SHA256 algorithm.
2. Bug Fix - Fixed rare issue when switching to USB OPOS mode if you are already in that mode. Now the scanner no longer goes into an unresponsive state when attempting to switch to the USB OPOS while already in the same host mode.

123Scan v6.00.0014 - 01/2024

1. Enhanced Staging Flash Drive Package - Added MP72XX support to Staging Flash Drive package creation wizard.
2. Enhanced App Developer Report - Grouped similar parameters and attributes under category headers (eg. Scale, Statistics, Asset Info, etc.).
3. Enhanced UI for Advanced Data Formatting (ADF) 2.0 capabilities
   a. Added support for up to 15 Rule Sets in ADF criteria screen.
   b. Added a "custom name" to an ADF Rule Set in the ADF criteria screen.
   c. Added an additional "Notes" section in the ADF rule card. The information in this section will be leveraged by Active Focus Manager (AFM) module.
4. Programming Barcode Report
   a. Simplified the Programming Barcode report by no longer displaying the list of supported scanner models. This can be re-enabled from the printout details screen.
   Added a note to a Programming Barcode report indicating the user should wait for a reconnect beep from the cradle/scanner before scanning a second programming barcode.
5. Config File Name Validation Check - Users are no longer able to name a config file "Modified" or "Factory Default" or variations of these themes.
6. Automatic Exact Plugin Download - Added support to automatically download the plug-in of a scanner connected via USB to PC, if plugin is not already on PC.
7. Debug Log - Added 123Scan logging support when performing a check for updates.

Barcode Scanner SDK for Windows v3.06.0034 - 01-2024

1. Enhanced OPOS Driver
   a. Two OPOS Check Health modes were supported (Internal and External Check Health), added a third mode. The third mode is called Interactive Check Health. Note all three modes are supported in the OPOS sample app.
2. Enhanced JPOS Driver
   a. Bug fix - Minor sample app fix - State of Data Event Enable checkbox in JPOS Sample application after a barcode is scanned now works as expected.
   b. Bug fix - Minor sample app fix - State of Device Enable checkbox in JPOS Sample application after a barcode is scanned with AutoDisable enabled now works as expected.
3. CoreScanner Driver
   a. Digital Signing of Zebra SNAPI Driver - Updated the digital signature of Zebra SNAPI Imaging Interface to support SHA256 algorithm.
   b. Bug Fix - Fixed rare issue when switching to USB OPOS mode if you are already in that mode. Now the scanner no longer goes into an unresponsive state when attempting to switch to the USB OPOS while already in the same host mode.
4. IoT Connector
   a. Added support for logging of environment variables (pulled from operating system) into the URL and request headers in the HTTP sink. Note the environmental variable check is performed real-time on each logging occurrence.

b. Security fix - Updated library "libcurl" used in IoT Connector from v7.78.0 to v8.4.0 to resolve security vulnerabilities.

Active Focus Manager (AFM) for Windows v1.0.9.0 - 01/2024

1. Added support to enable a scanner's Advanced Data Formatting (ADF) rule set(s) from the AFM configuration file (AppSettings.xml) based on the active focus screen. Note the ADF rule set must already be programmed to the scanner for AFM to enable / disable it.
2. Added support to enable a scanner's Multicode Data Formatting (MDF) group(s) from the AFM configuration file based on the active focus screen. Note the MDF group(s) must already be programmed to the scanner for AFM to enable / disable it.
3. Added support to enable a scanner's Unique Device Identifier (UDI) rule from the AFM configuration file based on the active focus screen. Note the UDI rule must already be programmed to the scanner for AFM to enable / disable it.
4. Added support to enable a scanner's Driver's License (DL) parsing rule from the AFM configuration file based on the active focus screen. Note the DL Parsing rule must already be programmed to the scanner for AFM to enable / disable it.
5. AFM source code now supports both Visual Studio 2022 and .NET 8.

IoT Connector for Windows v1.0.19.0 - 01/2024

1. Added support for logging of environment variables (pulled from operating system) into the URL and request headers in the HTTP sink. Note the environmental variable check is performed real-time on each logging occurrence.
2. Security fix - Updated library "libcurl" used in IoT Connector from v7.78.0 to v8.4.0 to resolve security vulnerabilities.

Scanner Management Service (SMS) for Windows v4.02.0014 - 01/2024

1. Bug fix - Fixed issue rarely seen by most people. In Application Mode (rarely used by most) fixed missing attributes in startup package when SMS is executed in Application mode. Resolved issue only seen at first operation.

Bioptoc Color Camera SDK for Winodws v1.00.0015 - 01/2024

1. Added logging capabilities to the SDK, using spdlogs for camera SDK modules.
2. Bug fix - Now the SDK prevents a firmware update with an invalid DAT file path.
3. Bug fix - Addressed an intermittent crash in UVC adapter when retrieving snapshot image frames.

Barcode Scanner SDK for Linux v4.4.1-38 - 01/2024

1. Command Line Utility (CLU) - Added new command to retrieve asset information based on scanner ID. It returns host mode, serial number, firmware version and date of manufacture of the scanner.
2. Bug Fix - Rarely used scenario addressed - Full read/write permission to Corescanner log folder now available. This enables a user to read/write files to the log folder. Access permission now exists for the general user of the zebra log folder regardless of its form of creation (both created through service/created during installation).
3. IoT Connector
   a. Added support for logging of environment variables (pulled from operating system) into the URL and request headers in the HTTP sink. Note the environmental variable check is performed real-time on each logging occurrence.

JPOS Installer Package for Linux v4.4.1-47 - 01/2024

1. Enhanced JPOS Driver
   a. Bug fix - Minor sample app fix - State of Data Event Enable checkbox in JPOS Sample application after a barcode is scanned now works as expected.
   b. Bug fix - Minor sample app fix - State of Device Enable checkbox in JPOS Sample application after a barcode is scanned with AutoDisable enabled now works as expected.