Release Notes

RFID SDK iOS v1.1

November 2023

Contents

Overview

The Zebra RFID SDK for iOS enables MFi-enabled devices to interface with the RFD8500, RFD40, and RF90 via its Bluetooth interface. The Zebra RFID SDK provides a powerful set of APIs that use directly the ZETI (Zebra Easy Text Interface) exclusively created to take full advantage of the RFD8500, RFD40, and RF90 performance, functionality, and versatility. The SDK also contains the Zebra RFID Mobile application that can be used as a reference to develop new applications or to port existing applications to take advantage of the RFID features.

Device Compatibility

For the compatible devices list, please visit the following page.

https://www.zebra.com/us/en/support-downloads/software/developer-tools/zebra-rfid-sdk-for-ios.html

Version History

Version 1.1.68 – 11 /2023

1. General BUG fixes and stability.

   - **Note:** With the combination of link profile M4 240K with invalid tari values there may be an abnormal behavior. Recommend to use the right combination.

Version 1.1.64 – 09/2023

2. General BUG fixes and stability
3. Pro-Clip support

Version 1.1.42 – 05/2023

1. Support added in RFID SDK for iOS
   a. Scan batch data support.
   b. Dot code (barcode type) support.
   c. U9 Chip supports Lock Unlock.
   d. GS1 data parsing - SGTIN UI Support.
   e. Add bit-length for pre-filter
2. General BUG fixes and stability

Version 1.1.29 – 01/2023

1. Support added in RFID SDK for iOS
   a. PP+ battery support
   b. API for device factory reset

2. Sample application enhancements
   a. Keep soft buttons (Scan & Pull/Release trigger) as a static UI field in the barcode screen.

3. Bug fixes
   a. Pop up "connection failed" message
   b. Popup "Cannot retrieve asset information" message
   c. Observing "Write Succeed" Message, while do Access operation without Tag in Front of Reader.
   d. Reader idle time issue, with batch mode enabled.
   e. Empty tag issue in multi-tag locate.
   f. Fixed delete tag issue in multi-tag locating.
   g. Fixed Symbology configuration issue
   h. Fixed link profile bugs

Version 1.1.24 – 08/2022

1. Support added in RFID SDK for iOS

       a. Scanner notification event for Key Remapping.

       b. API for device reboot.

       c. Device pull-trigger and release-trigger.

2. Sample application enhancements

       a. NFC based pairing with 123RFID Mobile for iOS.

       b. Update for Key Remapping and device pull-trigger/release-trigger.

3. Bug fixes

       a. Report unique tags is not working.

       b. Auto-reconnect with the reader after the sample application termination.

Version 1.1.19 – 04/2022

1. Bug fixes

       a. Unique tag reporting not working as expected.

       b. Batch mode not working as expected.

       c. Multi Tag is not suspended when switching from Inventory screen to Multi Tag screen.

Version 1.1.17 – 03/2022

1. RFD40 (Standard, Premium, Premium+) support added (Bluetooth only).

Version 1.1.8 – 08/2021

1. Support added NXP brand ID check in tag report screen.

2. Support added to fetch the link profile value with it index values.

3. Support added in sample application to update "tari" and "pie" values.

4. Sample application icon changed similar to RFID SDK Android.

5. Bug fixes

       a. Selected profiles are not getting updated in user defined and reader defined profile settings.

Version 1.1.4 – 01/2021

1. Support added for all the memory banks in MEMOIRUBANK_ALL.

Version 1.1.1 – 10/2020

1. Added iOS 14 support.

Version 1.1.0 – 04/2020

2. Bug fix: Unable to Read/Write tags when a Prefilter setting with INV_B and Singulation STATE B is already set in the Device.

Version 1.0.69 – 02/2018

1. LOCK API - support added to do perma lock Monza\UCODE 6 tag using SRFID_MEMORYBANK_ALL.

Version 1.0.68 – 06/2017

1. The Zebra SDK functionality related to connectivity and appearance/disappearance notifications behaves differently on iOS 11 compared to earlier versions of iOS, because of iOS 11 Bluetooth and EAAccessory events.
2. "Restoring will not be supported" printouts displayed in the Xcode console due to unsupported 'willRestoreState' has been addressed.
3. RFD8500 is not being discovered by the Zebra SDKs works properly with beta release version of IOS 11 because of the operating system was not maintaining the case sensitivity of the EA Protocol Name.
4. Added support Xcode 9.

Components

The zip file contains the following components:

1. Xcode project Zebra RFID Mobile App source code
2. Zebra RFID SDK (.pkg) installation package

Installation – Requirements

Supported operating systems:

1. iOS 14.x, 15.x , 16.x and 17.x

Developer system requirements:

1. A MacBook with at least 8 Gb of memory is recommended
2. XCode version 14.1 or later