123RFID Mobile Application for Android

This document summarizes the 123RFID Mobile Application for Android 1.0.2.116 release:

Application Release Number	Release Date	See page
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For support, please visit www.zebra.com/support

123RFID Mobile V1.0.2.116

RELEASE DATE: 05-May-2023

The Zebra 123RFID Mobile application demonstrates the performance, functionality, and versatility of the RFD8500 / MC3300R / RFD40 / RFD90

Functionality:

1. General BUG fixes and stability
2. Export user memory bank info along with EPCID

123RFID Mobile V1.0.2.114

RELEASE DATE: 01-Mar-2023

Functionality:

1. A13 compatibility fix

123RFID Mobile V1.0.2.110

RELEASE DATE: 31-Jan-2023

Functionality:

1. Friendly name support
2. SGTIN-96 decoding support
3. Scan batch mode support
4. Disabling scanner notification
5. PP+ battery statistics
6. Support bit length for pre filter
7. U9 Tag perm lock function support

8. Shortcut navigation to Locate from inventory
9. Show data in the inventory page based on the memory bank selected.
10. General BUG fixes and stability

123RFID Mobile V1.0.2.100

RELEASE DATE: 26-Aug-2022

Functionality:

1. Support camera-based pairing
2. Enable/disable charge terminal setting for proclip adapter(For RFD40/90 and with proclip adapter availability only)
3. U9 Tag lock support
4. Support both trigger press event
5. Fix crashes during Samsung BT connections
6. Firmware update API migrating to content URI based on new Android security policy
7. Bug Fixes for stability

123RFID Mobile V1.0.2.94

RELEASE DATE: 20-Jun-2022

Functionality:

1. New keys remap support for RFD40 / RFD90 devices
2. Stabilization and bug fixes

123RFID Mobile V1.0.2.86

RELEASE DATE: 20-Apr-2022

Functionality:

1. Enhanced SDK and Tools to support RFD90
2. Stabilization and bug fixes

123RFID Mobile V1.0.2.82

RELEASE DATE: 28-Feb-2022

Functionality:

1. Inventory – A quick snapshot of the scanned RFID tags and the ability to search a tag from the list.
2. Rapid Read – A simple screen to quickly get unique and total tag counts.
3. Locate Tag - Use the Locate Tag feature to find and locate an item by searching for a specific Tag ID. The device will provide feedback that indicates the relative distance to the tagged item.
4. Multi Tag Locate– Use the multi tag locate to locate multiple tags of interest that have been imported from a csv file. The device will show the relative distance of the tagged items.
5. Filter – Select/deselect a tag based on pattern criteria.
6. Access - manipulate standard tag memory locations.
7. Settings – Configure the reader to meet your needs.
   a. Canned profile support for varying usage scenario
   b. Configure the RFID Antenna power and link profile.
   c. Time the Start/Stop Trigger
   d. Control the audible beep volume
   e. Configure reader to report only unique tags
8. Use the Power Management settings to optimize battery usage
9. Battery level notifications
10. TAG list match mode support – import tag data using csv file named 'taglist.csv'
11. Export RFID data to a PC

123RFID Mobile V1.0.1.58

Feature Additions in release V1.0.1.58

1. Refreshed UI and easy navigation
2. Device discovery across all transport types and providing information's on
   a. Reader Details
   b. Show device serial numbers

3. BT Pairing through NFC

4. Scan to pairing support.

5. Barcode read support

6. Scanner configuration

7. Reader list to choose from to connect

8. Factory reset feature supported for RFD40

9. Trigger configuration support for RFD40

10. User can select multiple tags from the inventory and page and start multiTag locate

11. Firmware update feature supported for RFD40

12. Support Common IO connectivity for RFD40

13. Support importing offline configuration package consisting of config and firmware

14. Added support for Radio and device logging

15. File share support

Device Compatibility

- MC33xR (Android 10 and Android 11)
- RFD8500
- RFD40
- RFD40 Premium
- RFD40 Premium Plus
- RFD90

Note: RFD8500 has been validated with TC51 (Android 8), TC72 (Android 8), TC52AX (Android 11), MC33xR (Android 10 & Android 11), TC21, EC50 (Android 10) and Commercial Phones (Android 10, Android 11, Android 12, Android 13).

Components

The zip file contains the following components:

- 123RFID Mobile Application APK file and source code
- Android Studio project

Installation

Supported operating systems:

- Android Oreo 8.0 till Android 13 for RFD8500
- Android 10 till Android 13 for MC330xR, RFD40, RFD40 Premium, Premium plus and RFD90

Developer system requirements:

- Developer Computers: Windows 10 - 64-bit
- Android: Android Studio (2.3 or later), and Android API Level 26 or later

Known issues

None